

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100433.D
 Acq On : 11 Nov 2017 11:54
 Operator : SJ/JU
 Sample : I6399-11MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:54:09 PM

Quant Time: Nov 13 02:28:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	158041	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	612924	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	245395	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	389055	20.00	ng	0.00
75) Chrysene-d12	14.07	240	314851	20.00	ng	0.00
86) Perylene-d12	15.56	264	255815	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	854184	86.64	ng	0.01
7) Phenol-d6	6.53	99	1050946	86.44	ng	0.00
23) Nitrobenzene-d5	7.47	82	657446	70.92	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	202891	81.14	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1069842	66.39	ng	0.00
78) Terphenyl-d14	13.01	244	737434	53.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	110996	23.102	ng	96
3) Pyridine	3.53	79	306250	23.363	ng	93
4) n-Nitrosodimethylamine	3.47	42	160189	25.170	ng	97
6) Aniline	6.57	93	226851	13.208	ng	100
8) 2-Chlorophenol	6.69	128	291416	27.940	ng	97
9) Benzaldehyde	6.46	77	153987	17.736	ng	93
10) Phenol	6.55	94	398635	31.234	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	286750	26.748	ng	96
12) 1,3-Dichlorobenzene	6.85	146	324521	26.987	ng	98
13) 1,4-Dichlorobenzene	6.92	146	328942	27.027	ng	97
14) 1,2-Dichlorobenzene	7.07	146	304254	27.038	ng	98
15) Benzyl Alcohol	7.04	79	257054	27.091	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	516408	30.118	ng	97
17) 2-Methylphenol	7.15	107	245842	27.582	ng	99
18) Hexachloroethane	7.42	117	101276	25.238	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	202489	24.016	ng	91
20) 3+4-Methylphenols	7.30	107	299452	26.550	ng	# 81
22) Acetophenone	7.31	105	391524	26.196	ng	# 94
24) Nitrobenzene	7.49	77	303083	31.763	ng	98
25) Isophorone	7.72	82	549438	28.203	ng	98
26) 2-Nitrophenol	7.80	139	145982	34.353	ng	99
27) 2,4-Dimethylphenol	7.83	122	267013	30.574	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	356477	27.974	ng	99
29) 2,4-Dichlorophenol	8.04	162	239718	28.753	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	250261	27.750	ng	97
31) Naphthalene	8.21	128	807210	27.343	ng	100
32) Benzoic acid	7.95	122	8363m	10.377	ng	
33) 4-Chloroaniline	8.25	127	137357	11.178	ng	99
34) Hexachlorobutadiene	8.32	225	144030	26.861	ng	98
35) Caprolactam	8.61	113	65276	22.814	ng	# 81
36) 4-Chloro-3-methylphenol	8.73	107	236481	26.410	ng	97
37) 2-Methylnaphthalene	8.90	142	532527	27.170	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	236894	29.108	ng	# 97
40) Hexachlorocyclopentadiene	9.05	237	49153	12.832	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.17	196	161127	31.238	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	161161	30.156	nq #	90
45) 1,1'-Biphenyl	9.36	154	611161	28.796	nq	98
46) 2-Chloronaphthalene	9.39	162	459728	29.858	nq	97
47) 2-Nitroaniline	9.48	65	152916	34.445	nq	95
48) Acenaphthylene	9.80	152	688849	26.996	nq	100
49) Dimethylphthalate	9.66	163	604053	32.240	nq	99
50) 2,6-Dinitrotoluene	9.72	165	113269	30.541	nq	95
51) Acenaphthene	9.97	154	403621	26.008	nq	100
52) 3-Nitroaniline	9.89	138	102309	23.361	nq #	99
53) 2,4-Dinitrophenol	9.99	184	5505	12.387	nq #	27
54) Dibenzofuran	10.15	168	597504	27.470	nq	99
55) 4-Nitrophenol	10.05	139	166995	46.961	nq	91
56) 2,4-Dinitrotoluene	10.12	165	135861	29.038	nq #	99
57) Fluorene	10.49	166	431243	27.065	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	119172	27.209	nq	88
59) Diethylphthalate	10.36	149	513349	27.379	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	220330	28.188	nq	91
61) 4-Nitroaniline	10.50	138	100866	24.289	nq	95
62) Azobenzene	10.64	77	461424	26.129	nq	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	8515	12.131	nq	89
65) n-Nitrosodiphenylamine	10.60	169	417305	30.848	nq	97
66) 4-Bromophenyl-phenylether	10.97	248	129762	31.113	nq	92
67) Hexachlorobenzene	11.04	284	127189	29.159	nq #	84
68) Atrazine	11.12	200	121385	29.643	nq	98
69) Pentachlorophenol	11.23	266	133118	42.560	nq	98
70) Phenanthrene	11.45	178	583088	28.465	nq	99
71) Anthracene	11.50	178	582068	28.008	nq	99
72) Carbazole	11.66	167	512334	26.718	nq	99
73) Di-n-butylphthalate	11.99	149	670740	29.890	nq	99
74) Fluoranthene	12.64	202	598924	27.588	nq	95
76) Benzidine	12.76	184	221615	17.576	nq	98
77) Pyrene	12.87	202	597244	26.611	nq	100
79) Butylbenzylphthalate	13.49	149	259108	28.309	nq	90
80) Benzo(a)anthracene	14.06	228	531095	28.011	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	171937	25.310	nq	98
82) Chrysene	14.10	228	515329	28.067	nq	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	361901	30.063	nq	99
84) Di-n-octyl phthalate	14.66	149	635105	30.710	nq	97
85) Indeno(1,2,3-cd)pyrene	17.05	276	337293	22.712	nq	95
87) Benzo(b)fluoranthene	15.12	252	447930	29.555	nq	98
88) Benzo(k)fluoranthene	15.14	252	378404	26.425	nq	99
89) Benzo(a)pyrene	15.49	252	372808	27.747	nq	99
90) Dibenzo(a,h)anthracene	17.07	278	284207	25.865	nq	99
91) Benzo(g,h,i)perylene	17.51	276	271025	25.197	nq	94

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

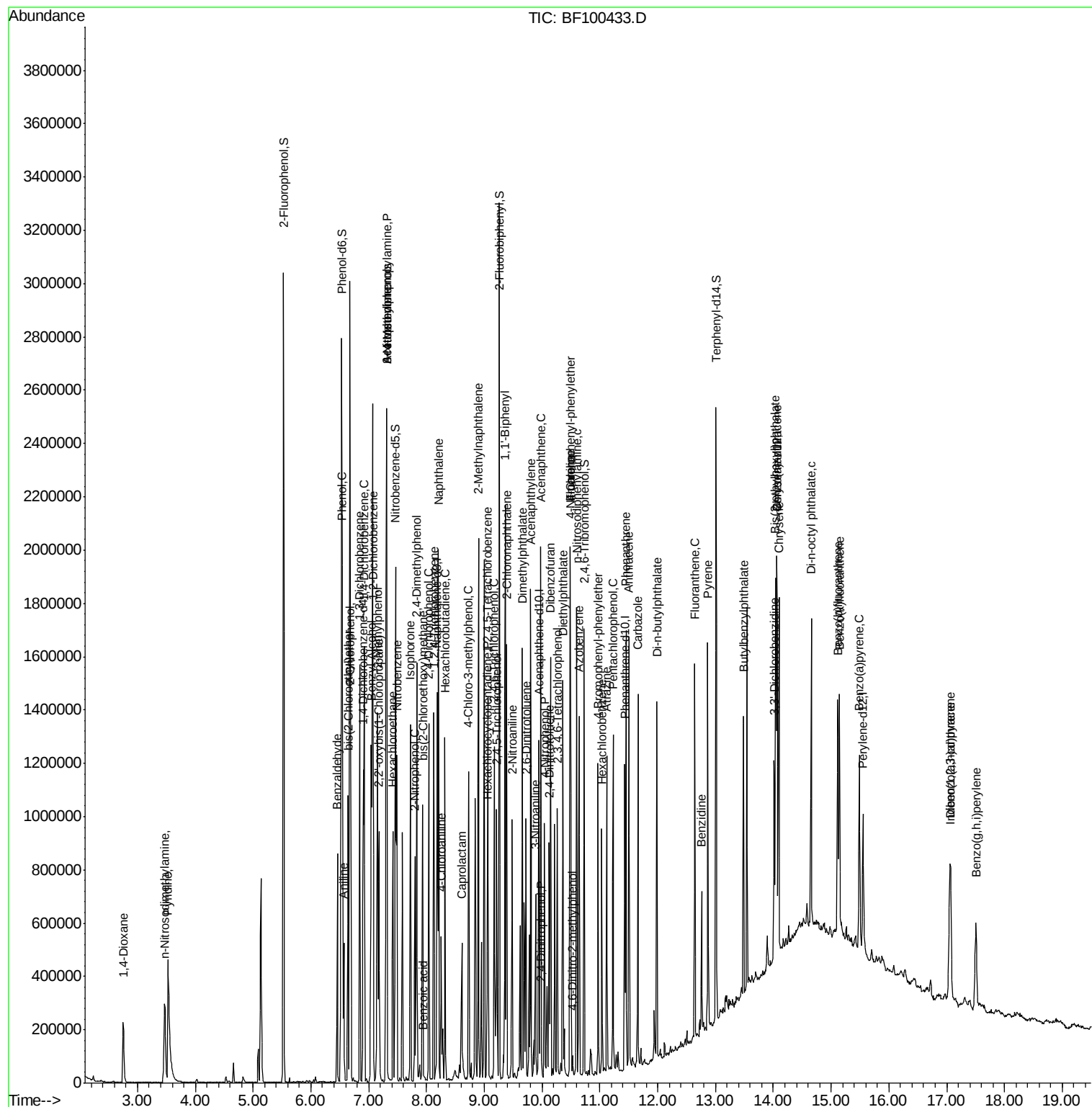
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
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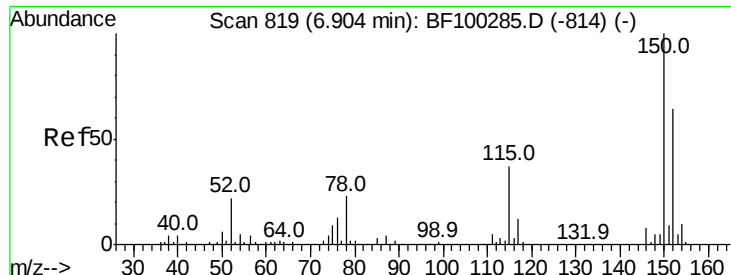
Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

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#1

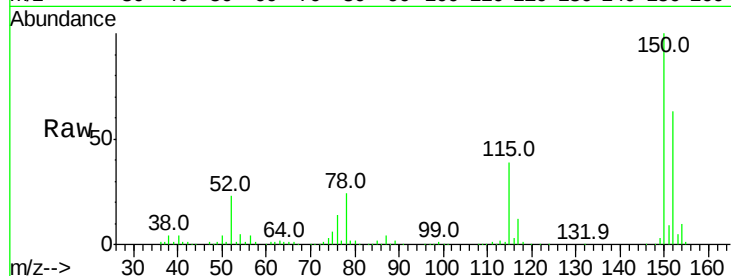
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	61.3	50.1	75.1

Manual Integrations
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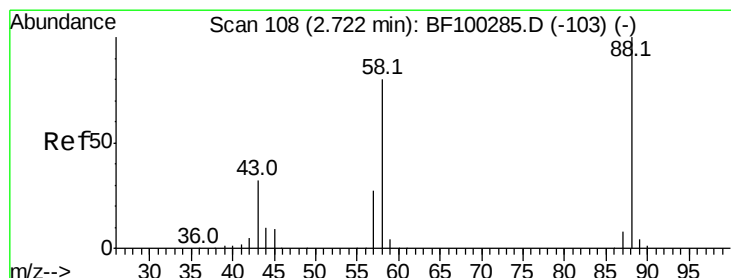
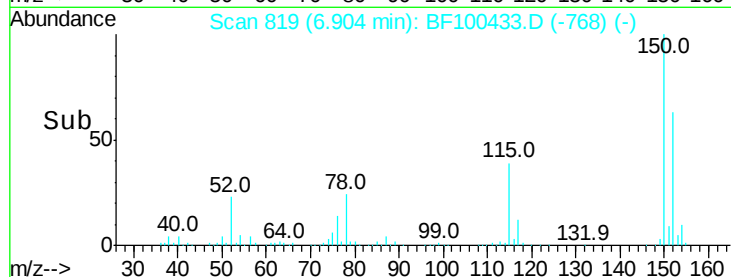
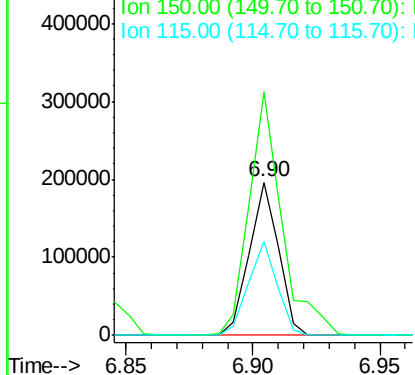


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.102 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.05 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

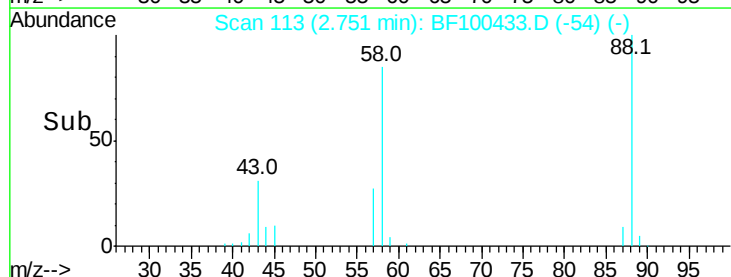
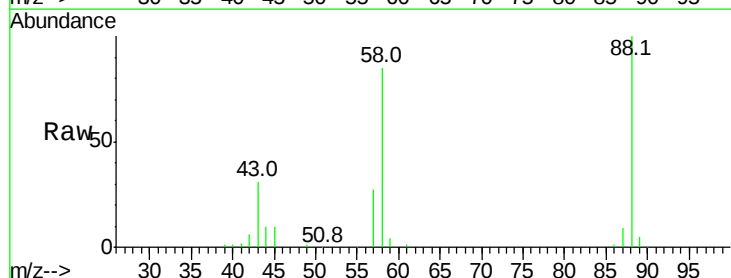
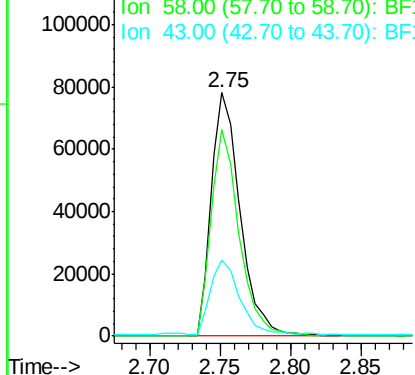
Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	62.6	93.8
43	31.1	24.6	37.0

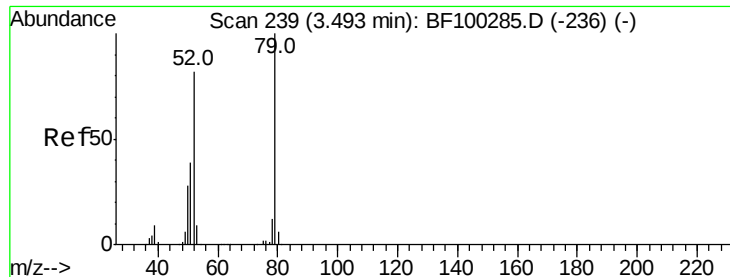
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





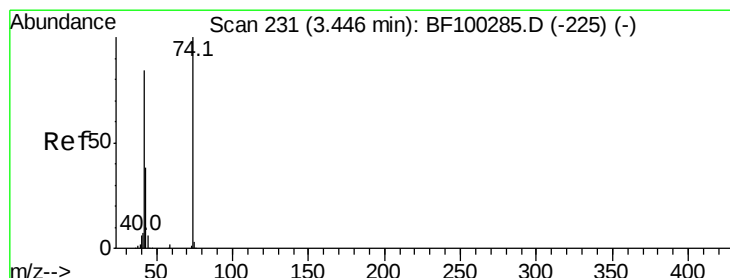
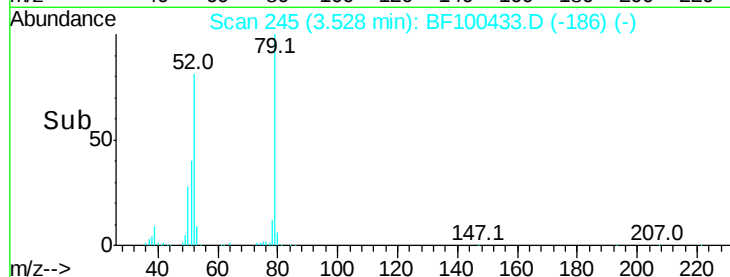
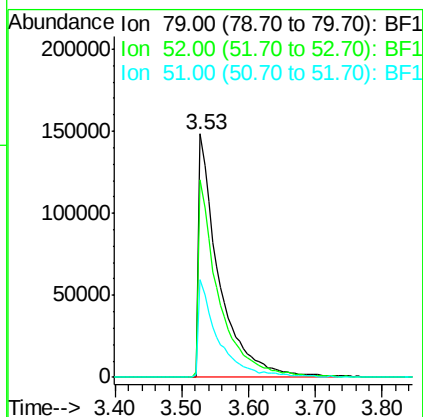
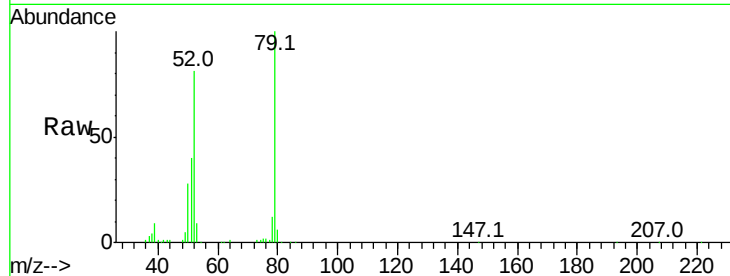
#3
 Pvridine
 Concen: 23.363 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.05 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.9	59.8	89.6
51	40.3	29.8	44.8

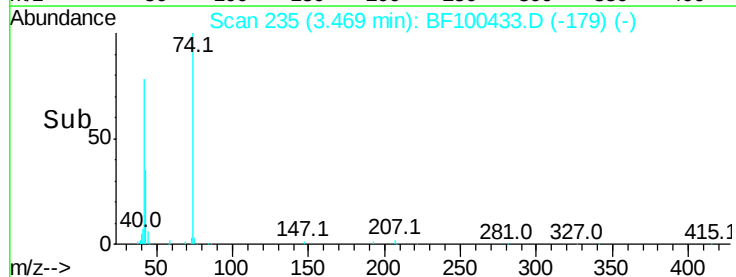
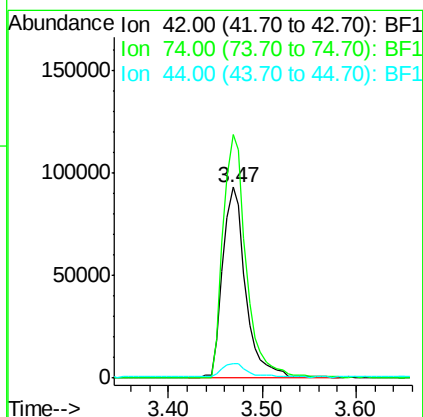
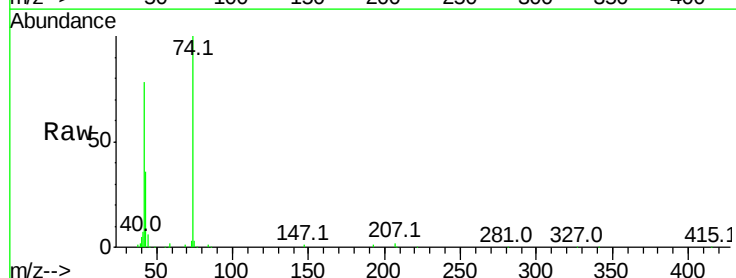
Manual Integrations
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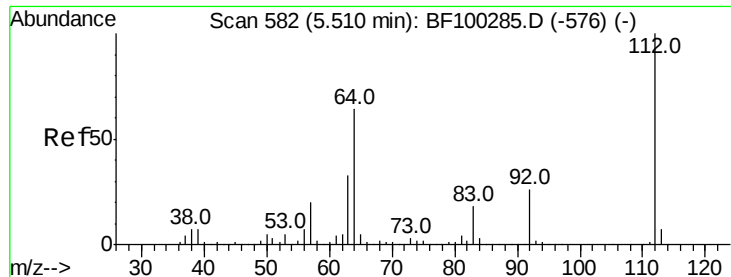
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#4
 n-Nitrosodimethylamine
 Concen: 25.170 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.03 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.6	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 86.639 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

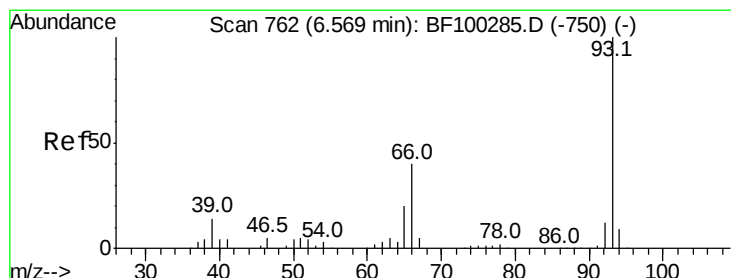
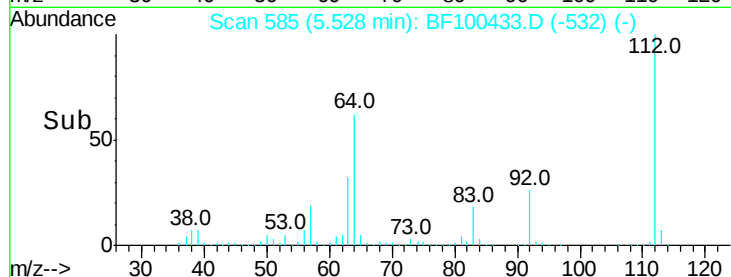
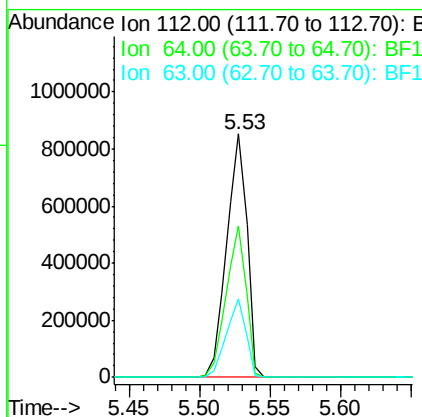
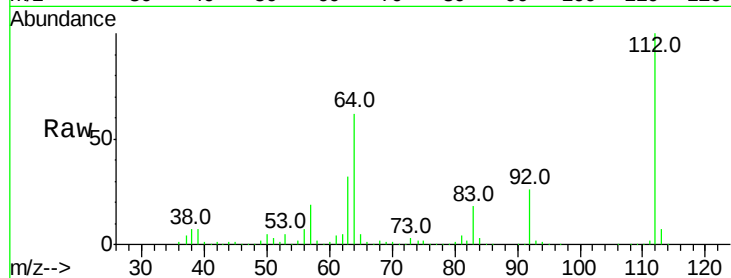
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:	112	Resp:	854184
Ion Ratio	Lower	Upper	
112	100		
64	62.4	47.9	71.9
63	32.5	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 13.208 ng

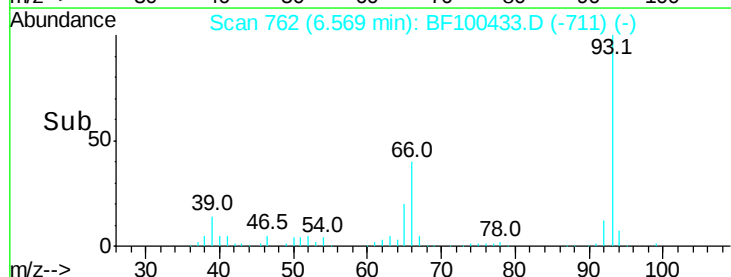
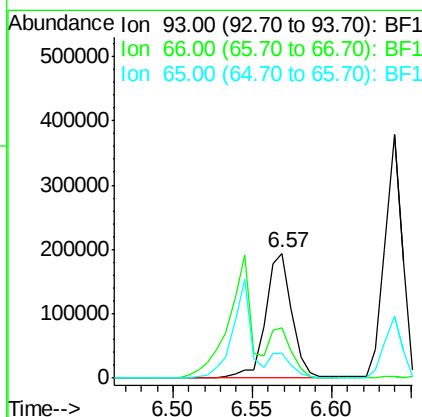
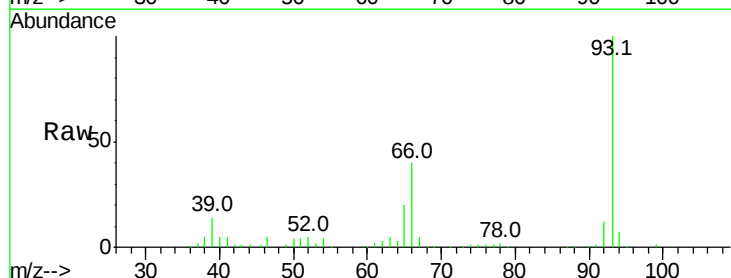
RT: 6.57 min Scan# 762

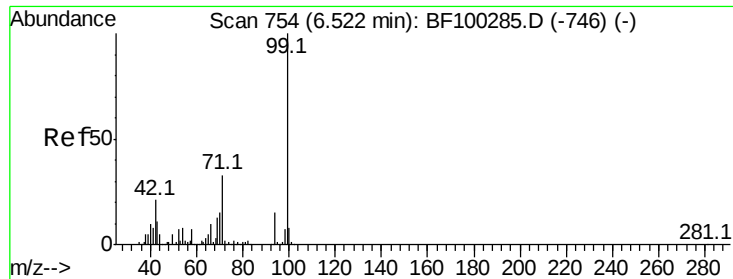
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:	93	Resp:	226851
Ion Ratio	Lower	Upper	
93	100		
66	40.1	32.2	48.2
65	20.2	16.4	24.6





#7

Phenol-d6

Concen: 86.443 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

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BNA_F

ClientSampleId :

TP-13-A-13-BMS

Tot Ion: 99 Resp: 1050946

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

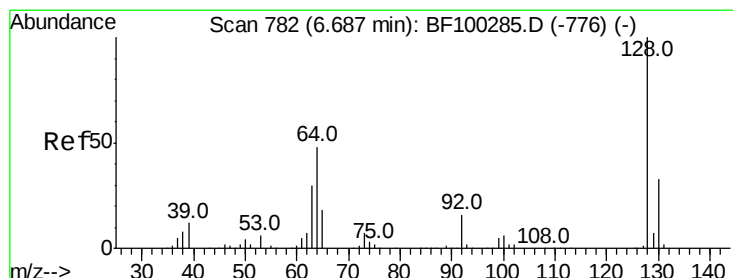
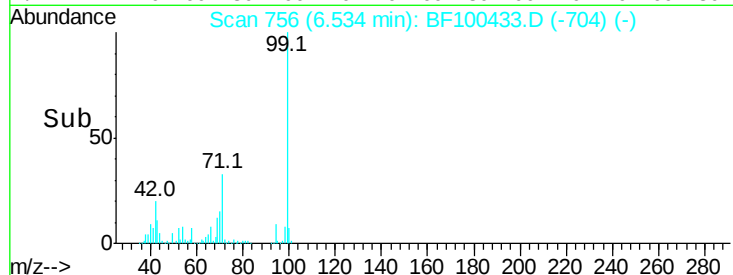
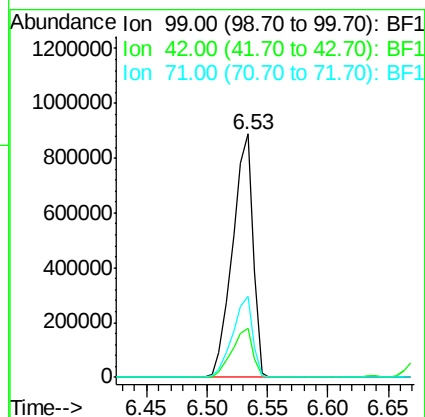
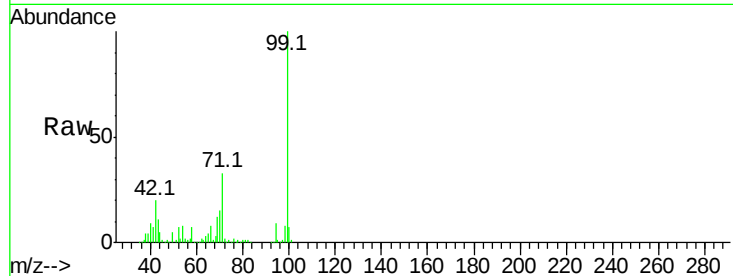
71 33.5 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 27.940 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

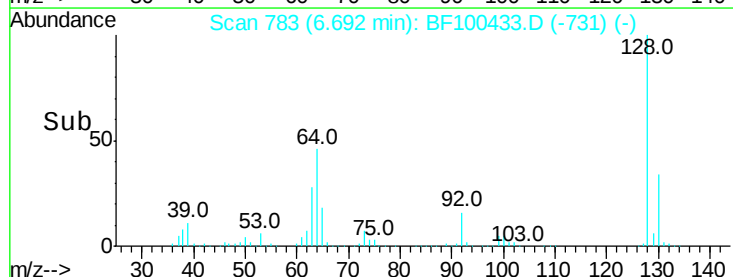
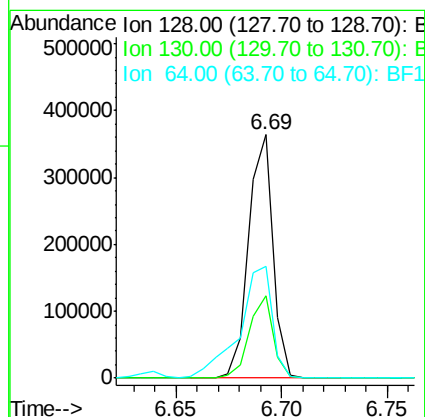
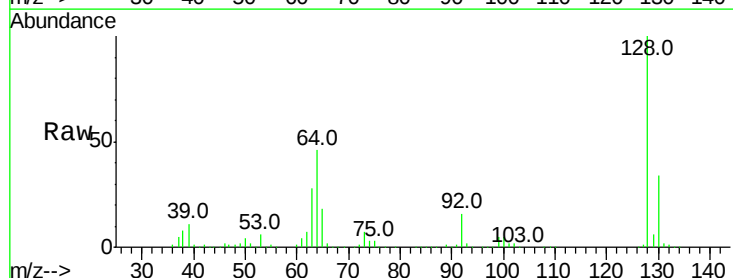
Tgt Ion: 128 Resp: 291416

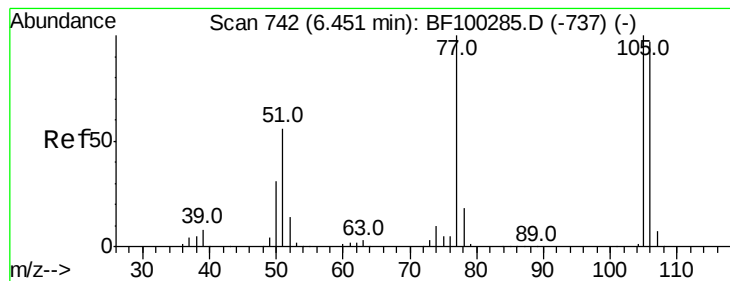
Ion Ratio Lower Upper

128 100

130 33.7 13.0 53.0

64 46.1 29.4 69.4





#9

Benzaldehyde

Concen: 17.736 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

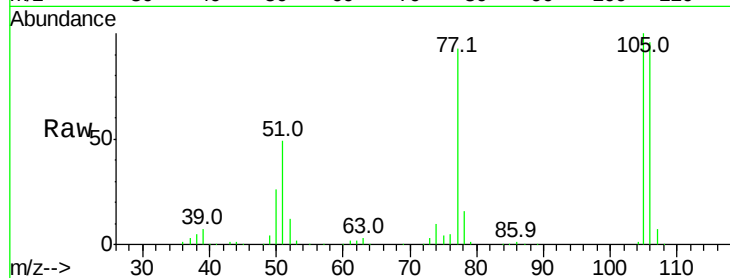
ClientSampleId :

TP-13-A-13-BMS

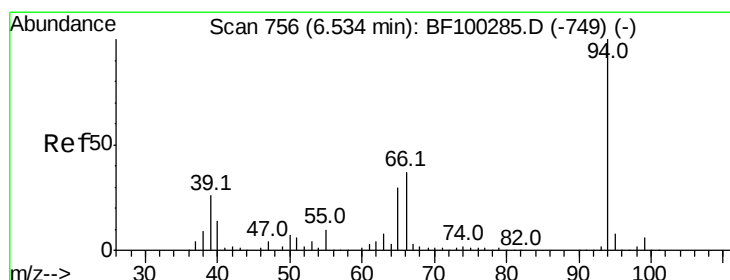
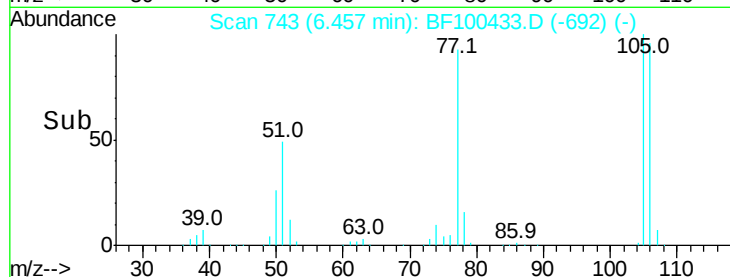
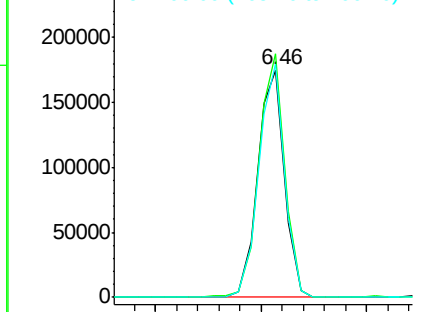
Tot Ion:	77	Resp:	153987
Ion Ratio	Lower	Upper	
77	100		
105	107.0	81.1	121.1
106	102.3	74.5	114.5

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.234 ng

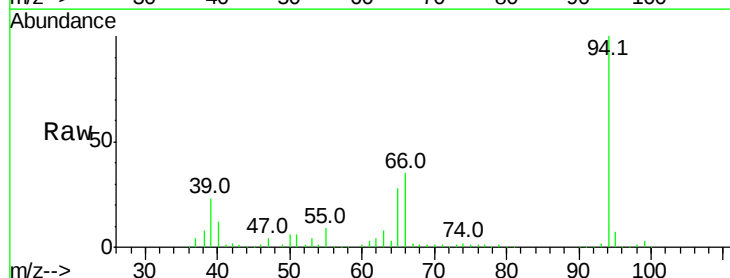
RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

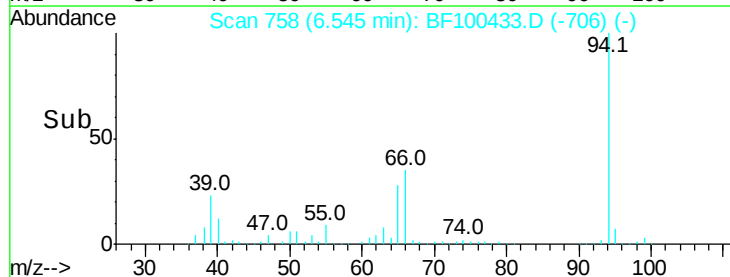
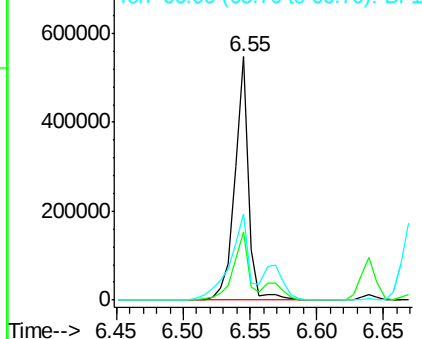
Lab File: BF100433.D

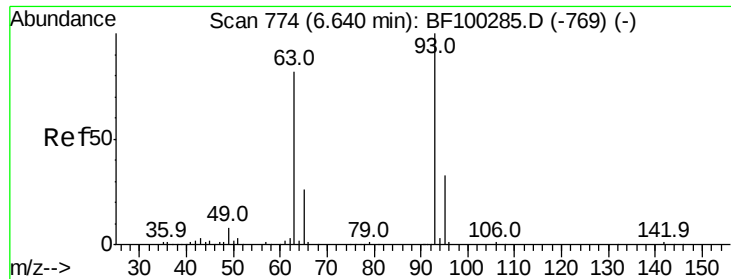
Acq: 11 Nov 2017 11:54

Tgt Ion:	94	Resp:	398635
Ion Ratio	Lower	Upper	
94	100		
65	27.9	7.9	47.9
66	35.2	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





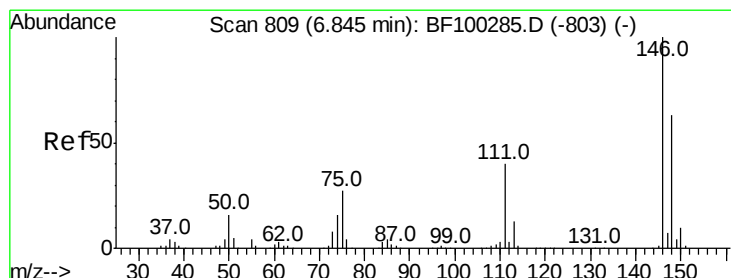
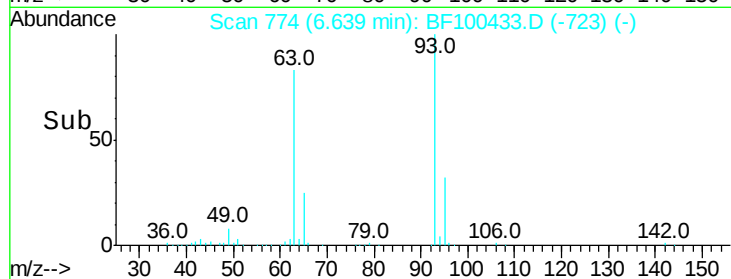
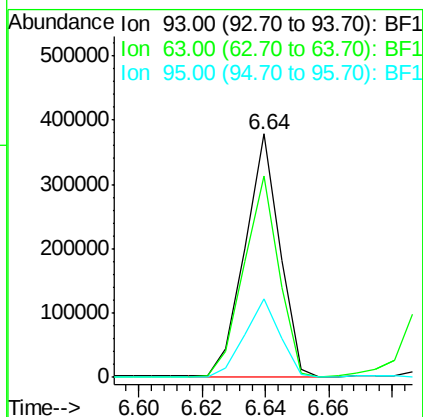
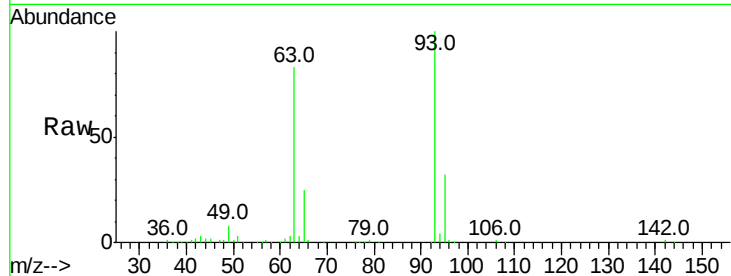
#11
bis(2-Chloroethyl)ether
Concen: 26.748 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	58.6	98.6
95	32.4	11.8	51.8

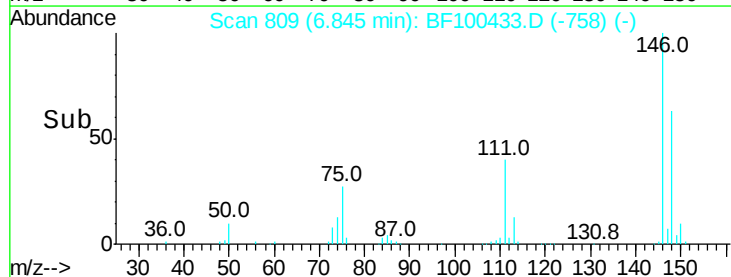
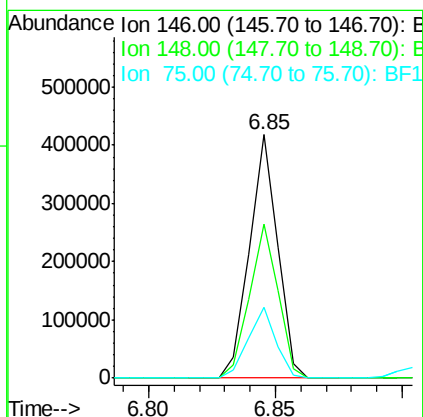
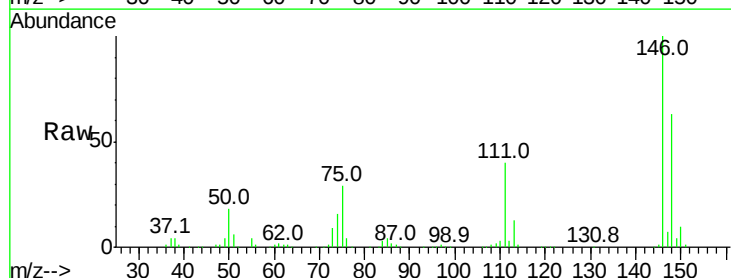
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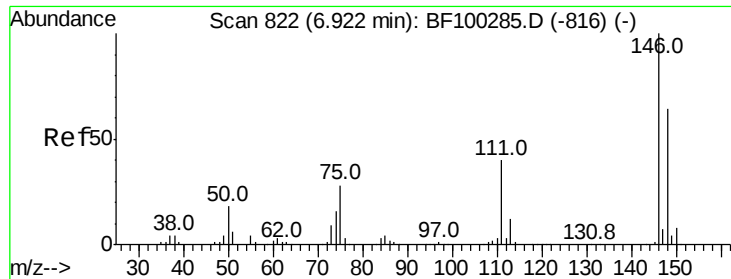
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#12
1,3-Dichlorobenzene
Concen: 26.987 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	28.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 27.027 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

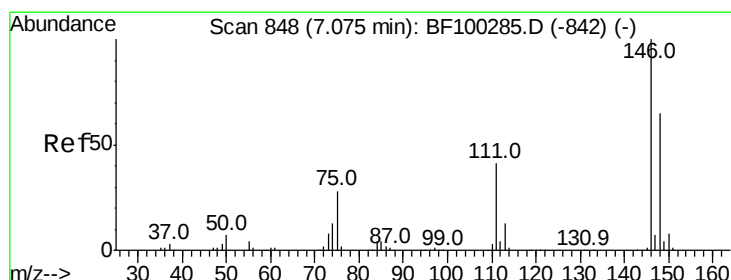
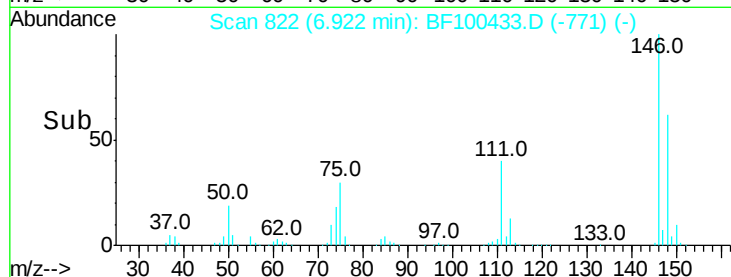
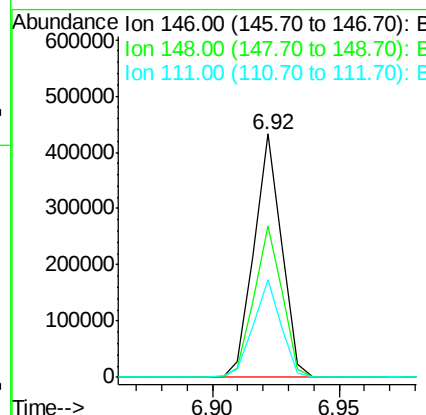
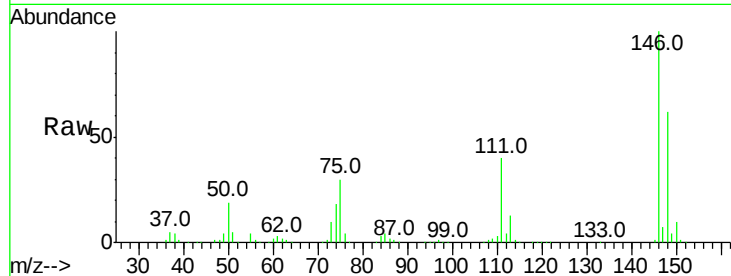
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:	146	Resp:	328942
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.8	76.2
111	40.3	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 27.038 ng

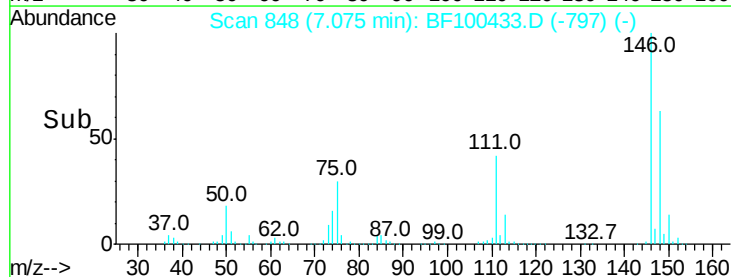
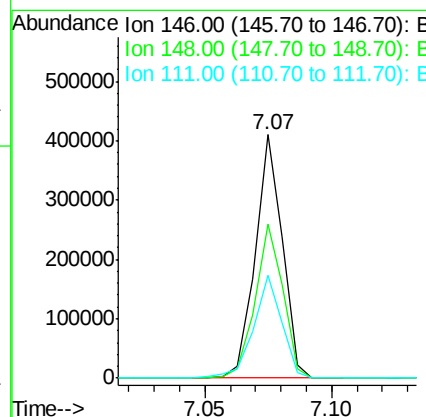
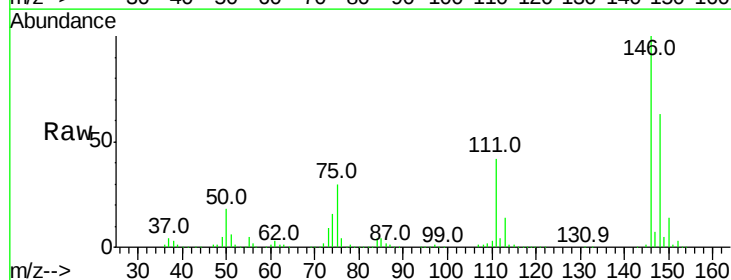
RT: 7.07 min Scan# 848

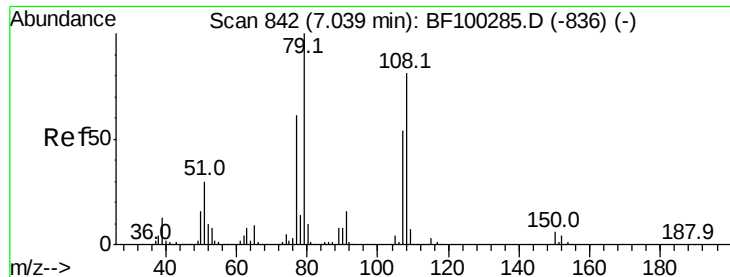
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:	146	Resp:	304254
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	42.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 27.091 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

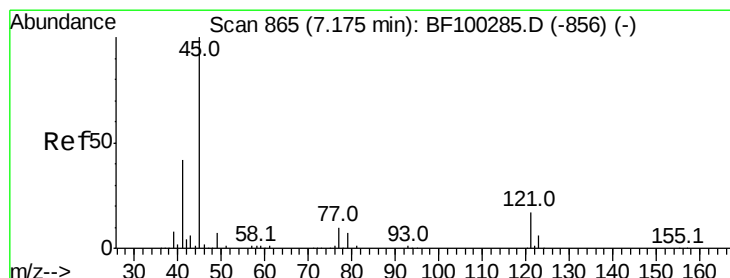
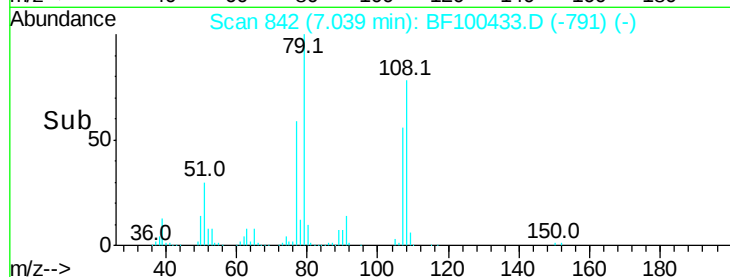
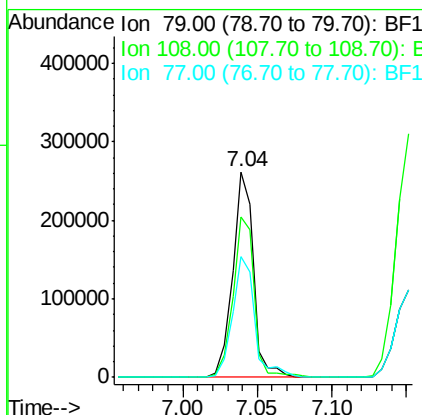
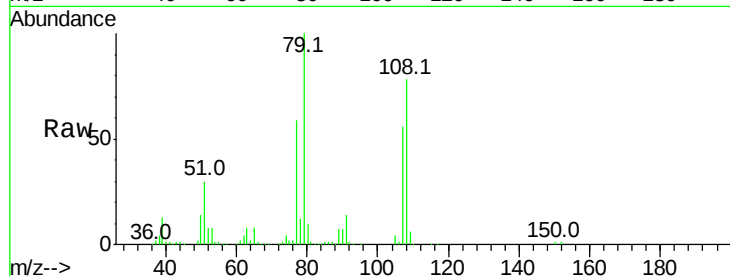
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:	79	Resp:	257054
Ion Ratio	Lower	Upper	
79	100		
108	78.2	65.1	97.7
77	58.8	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.118 ng

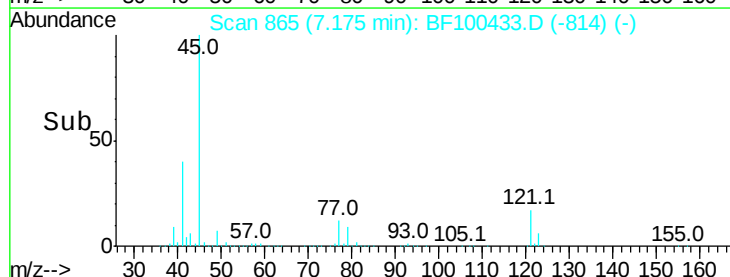
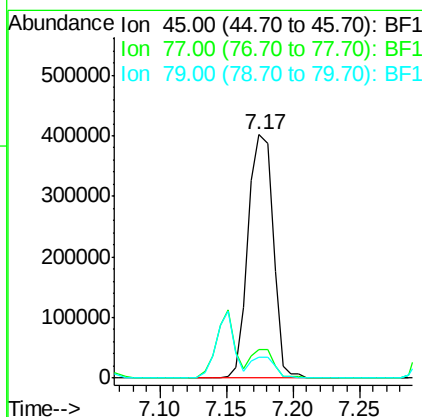
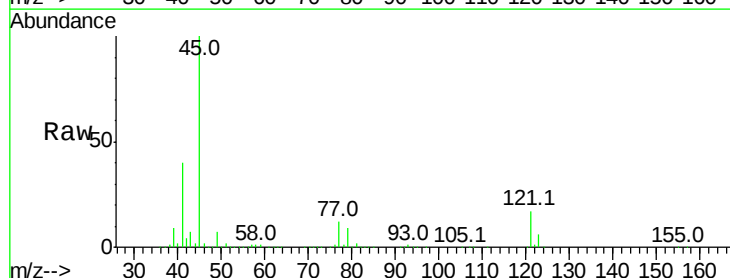
RT: 7.17 min Scan# 865

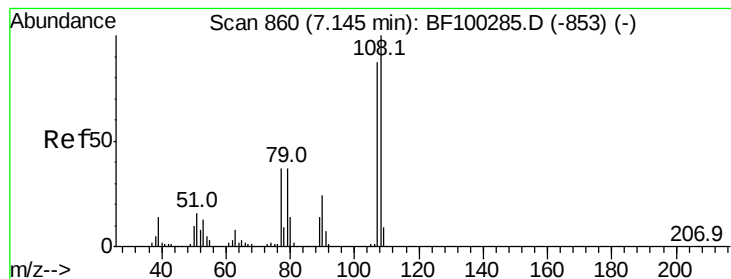
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:	45	Resp:	516408
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.9
79	8.8	0.0	29.6





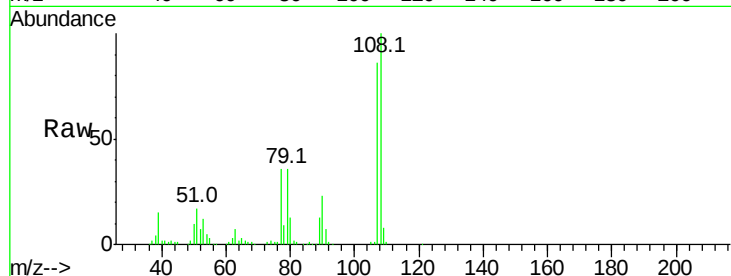
#17
2-Methylphenol
Concen: 27.582 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

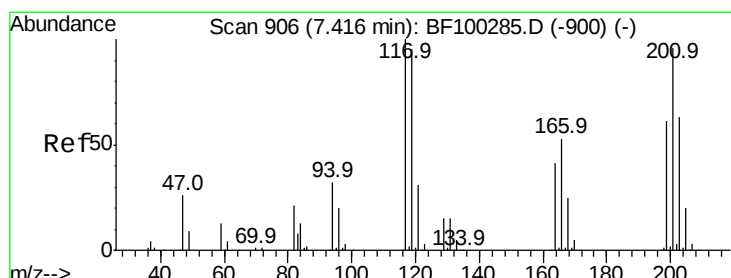
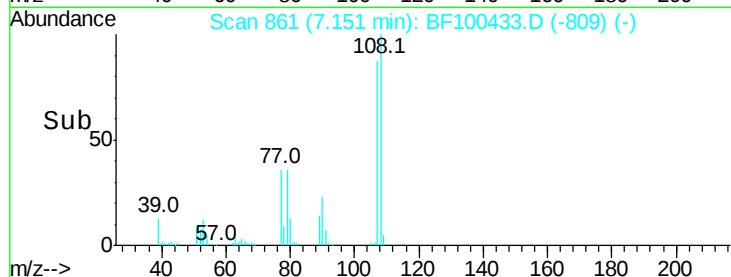
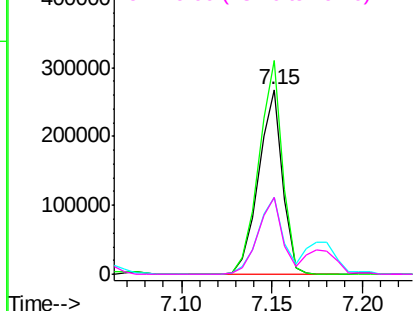
Tot Ion	Ratio	Resp	Lower	Upper
107	100	245842		
108	115.7	91.7	137.5	
77	41.7	33.8	50.8	
79	41.4	33.8	50.8	

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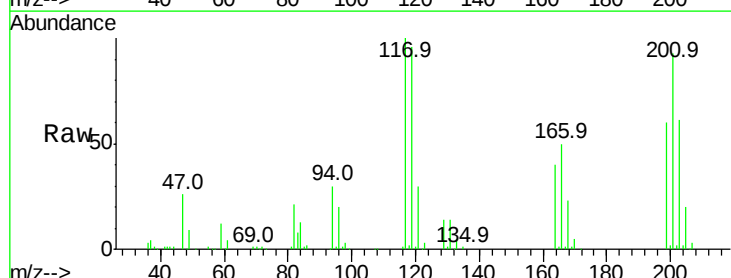


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

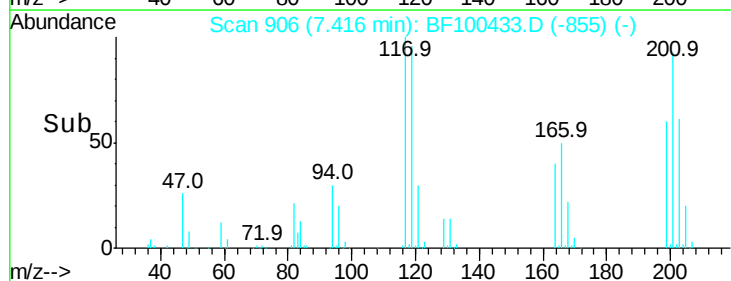
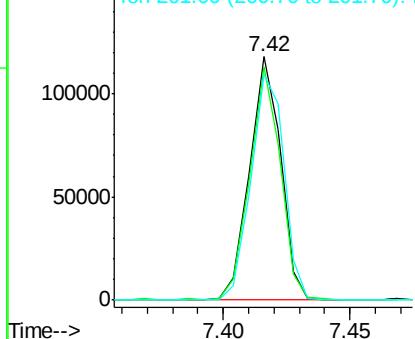


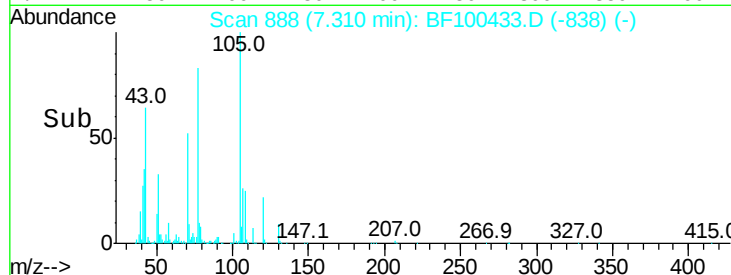
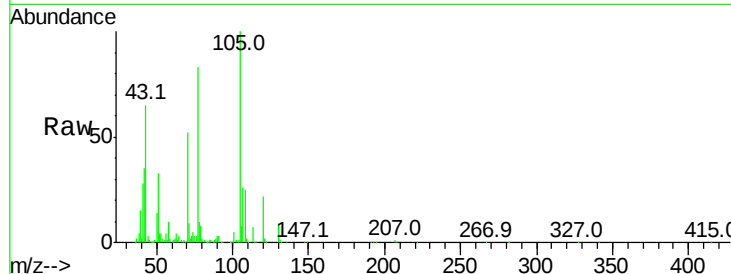
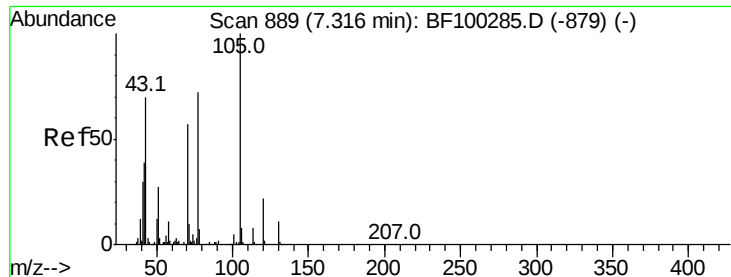
#18
Hexachloroethane
Concen: 25.238 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101276		
119	95.7	75.8	113.8	
201	92.8	75.7	113.5	



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





#19

n-Nitroso-di-n-propylamine

Concen: 24.016 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF100433.D

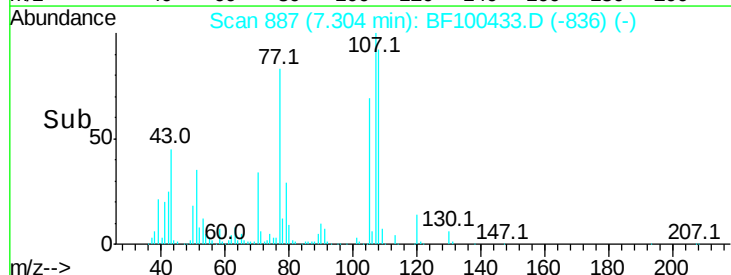
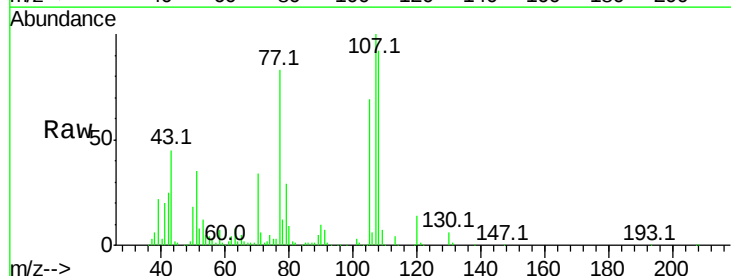
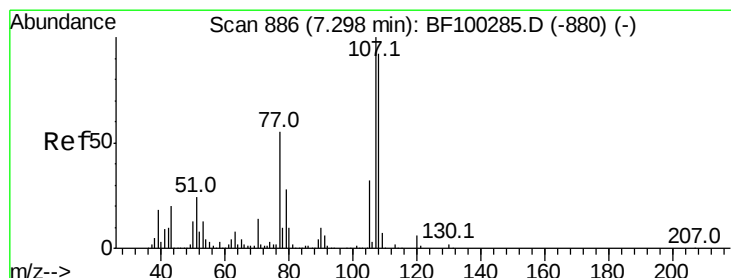
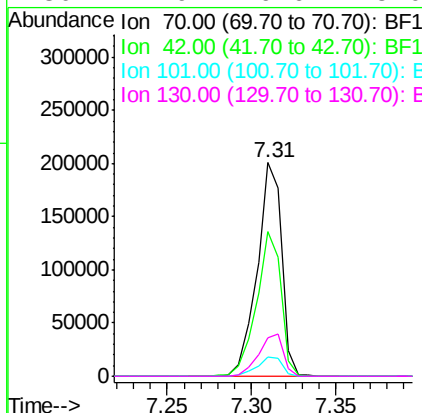
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.7	47.5	71.3	
101	9.1	7.4	11.2	
130	17.9	16.6	25.0	

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#20

3+4-Methylphenols

Concen: 26.550 ng

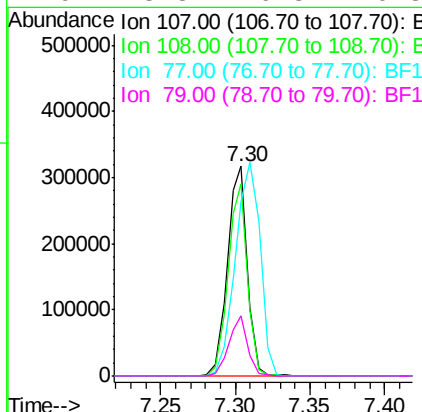
RT: 7.30 min Scan# 887

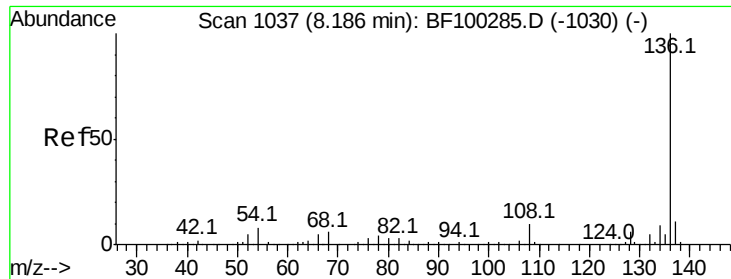
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	68.2	108.2	
77	83.2	26.7	66.7	
79	28.8	6.3	46.3	





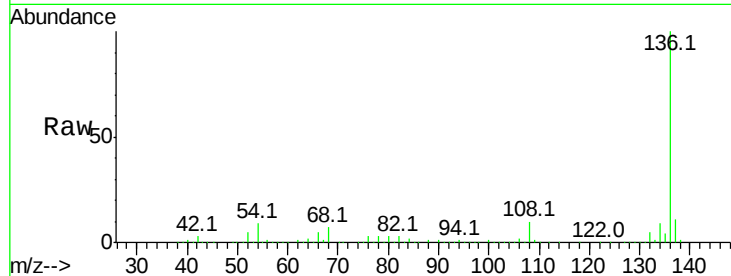
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	6.6	9.8
68	6.8	5.0	7.4

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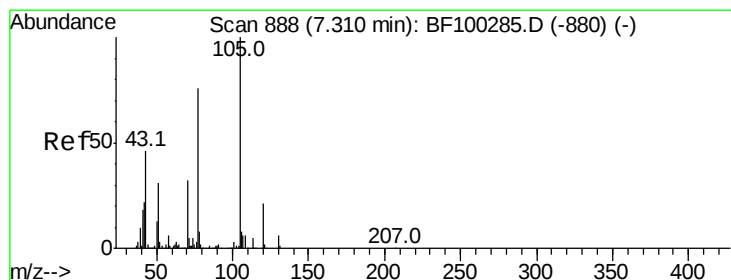
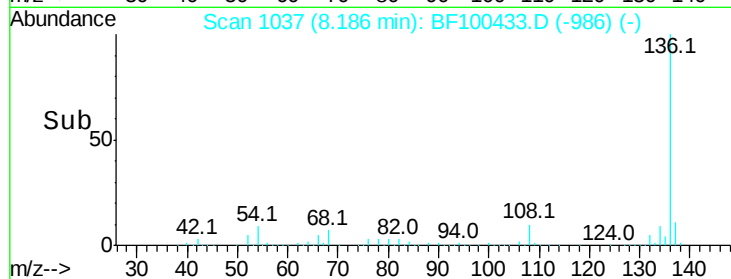
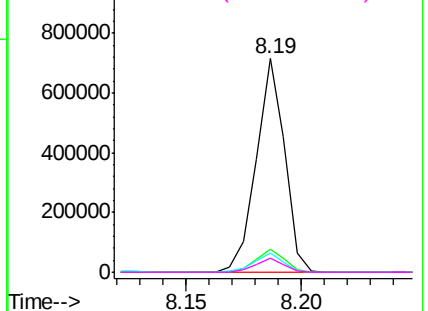
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 26.196 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.9	4.4	6.6#
51	32.9	22.3	33.5
120	21.8	16.9	25.3

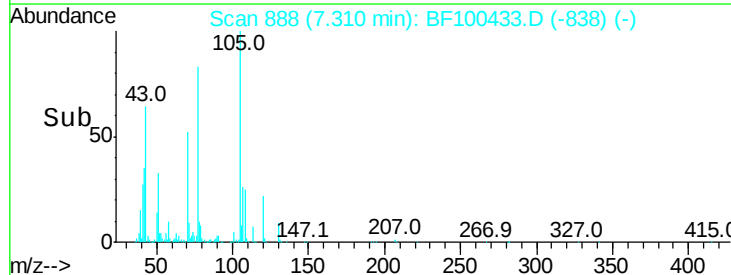
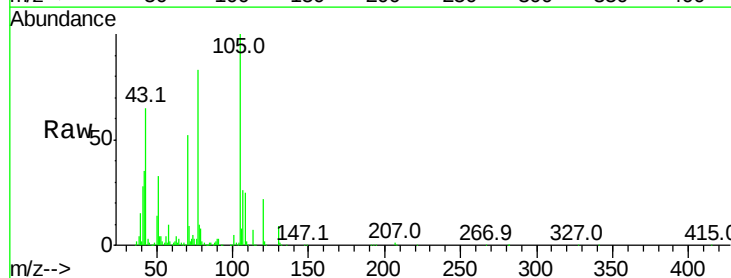
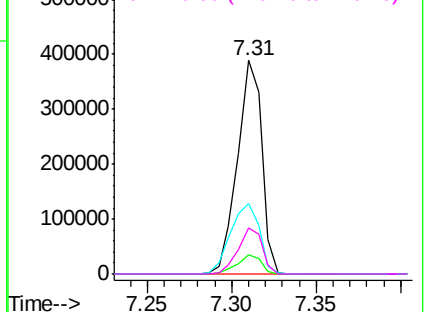
Abundance

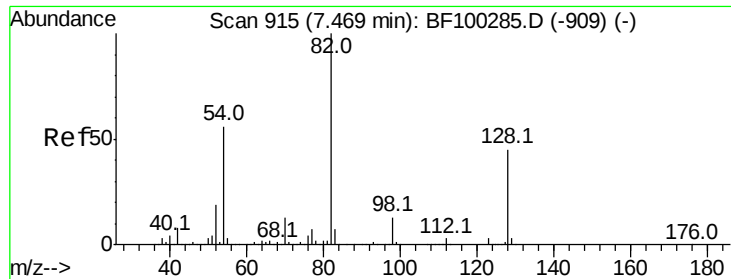
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





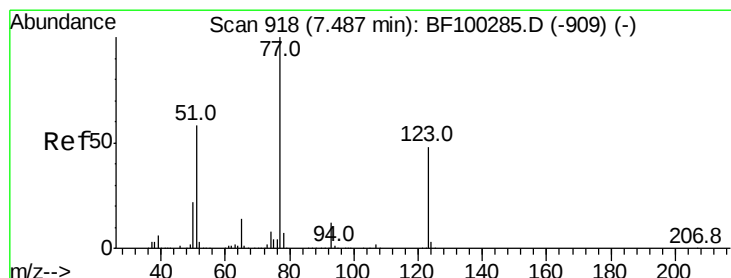
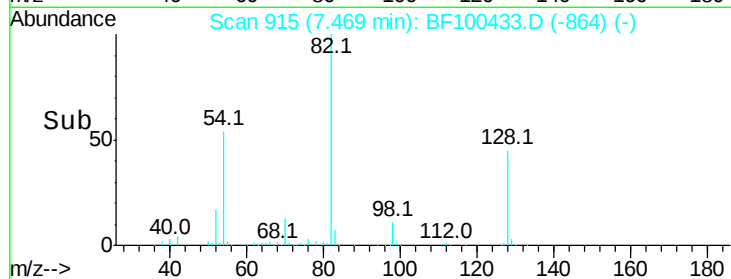
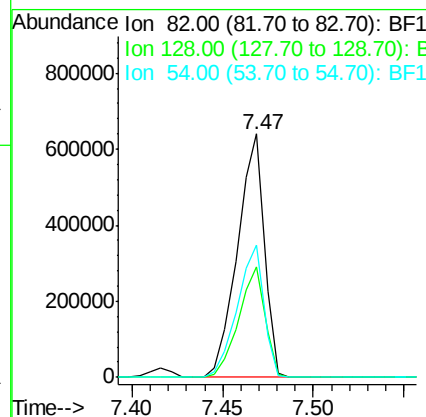
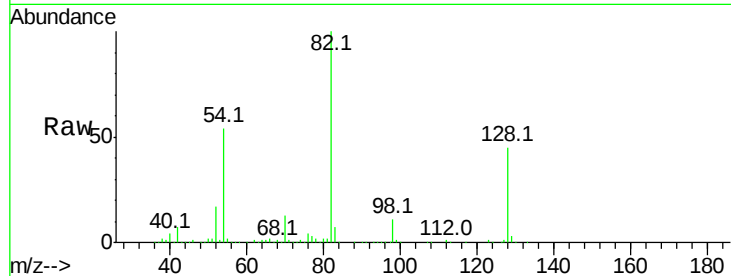
#23
 Nitrobenzene-d5
 Concen: 70.916 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	54.2	41.4	62.2

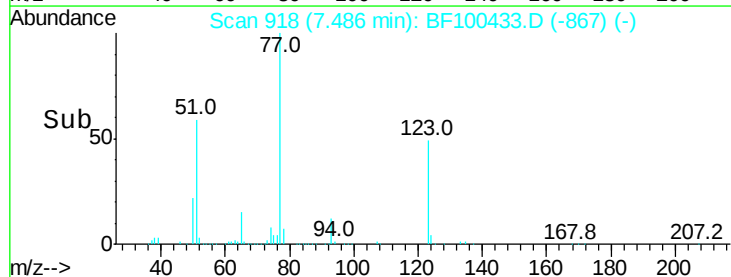
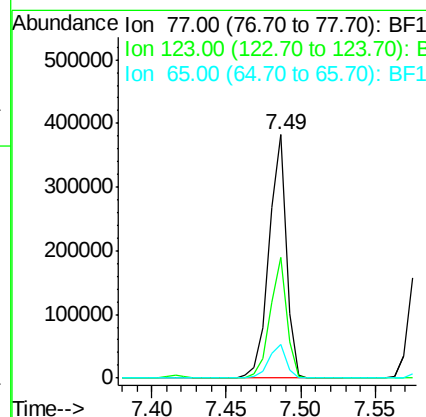
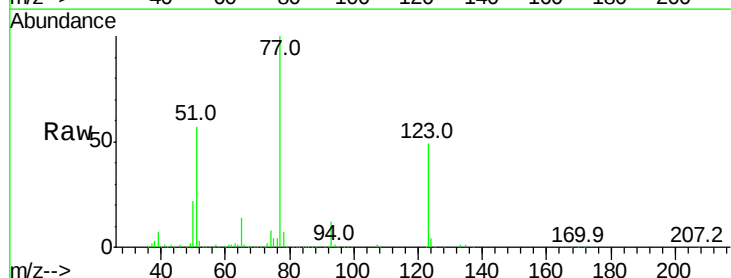
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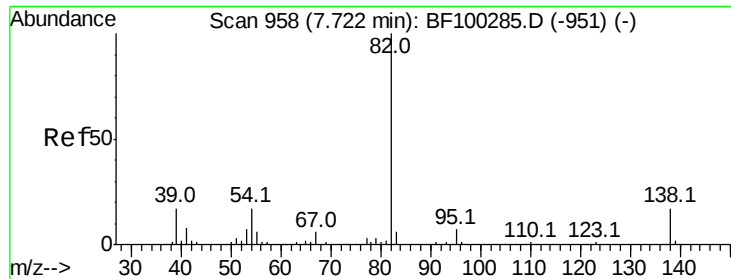
SOHIL
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#24
 Nitrobenzene
 Concen: 31.763 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.9	56.9
65	13.9	11.0	16.4





#25

Isophorone

Concen: 28.203 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

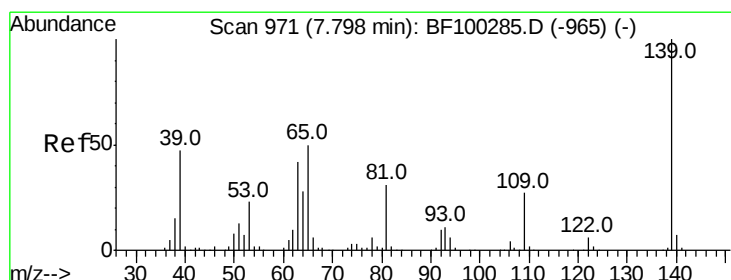
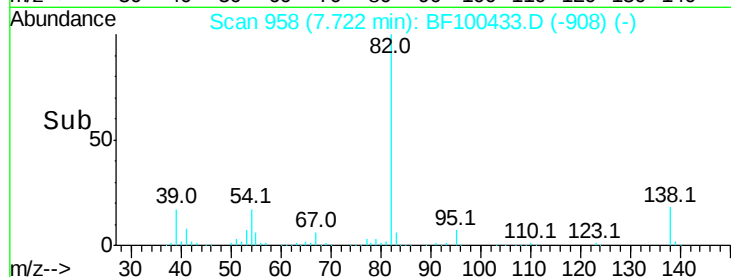
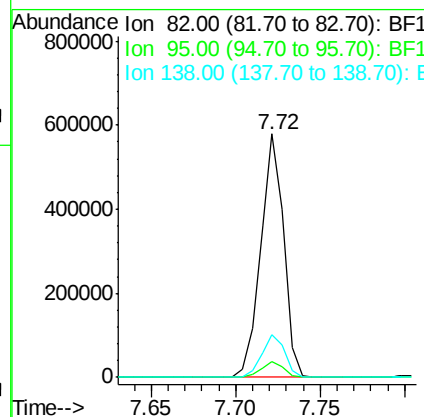
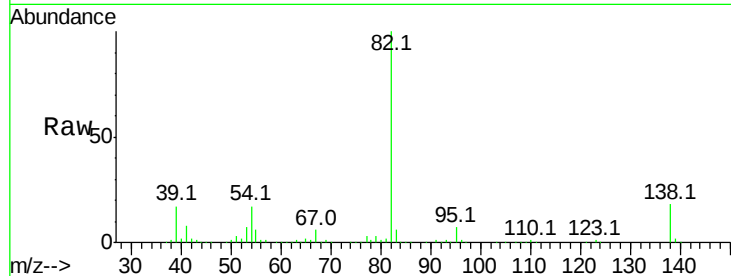
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:	82	Resp:	549438
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	17.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 34.353 ng

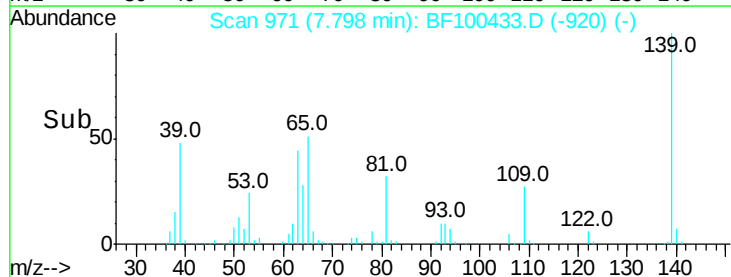
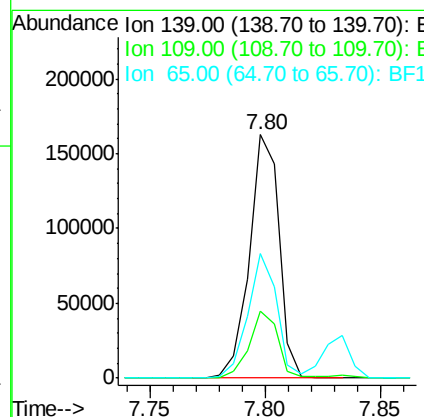
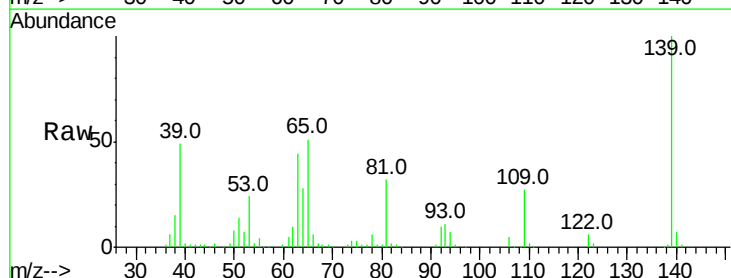
RT: 7.80 min Scan# 971

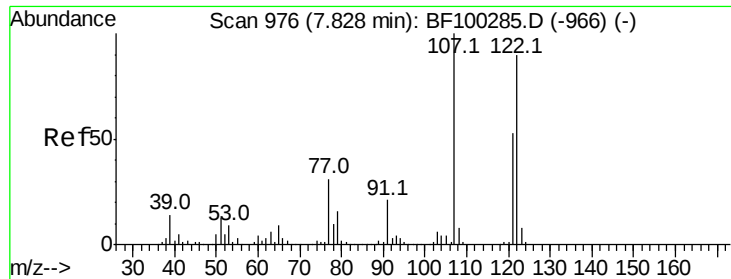
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:	139	Resp:	145982
Ion Ratio	Lower	Upper	
139	100		
109	27.4	22.7	34.1
65	51.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 30.574 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

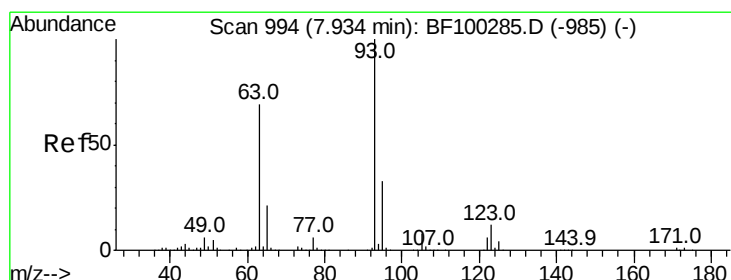
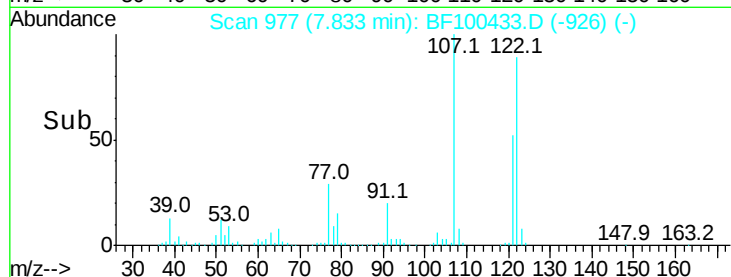
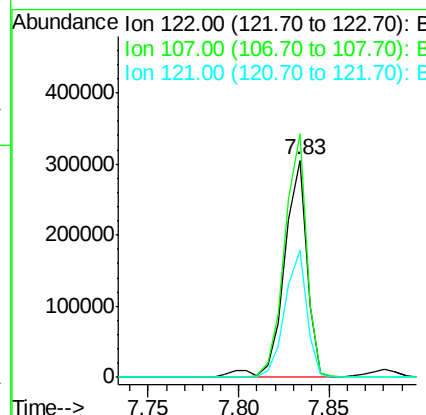
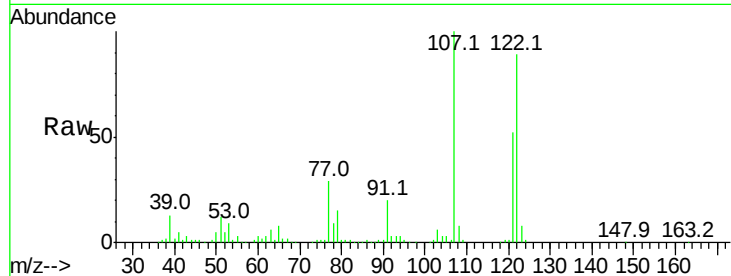
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:	122	Resp:	267013
Ion Ratio	Lower	Upper	
122	100		
107	112.2	91.2	136.8
121	58.7	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 27.974 ng

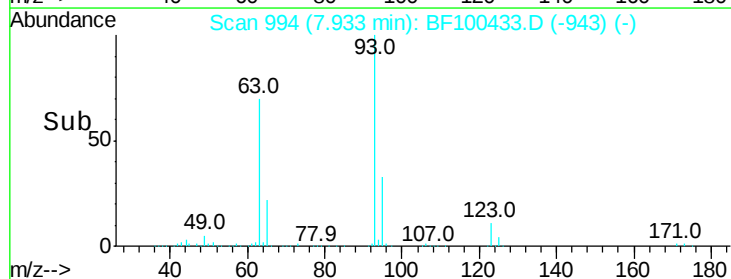
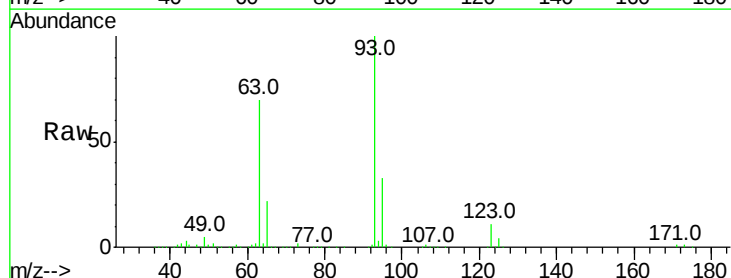
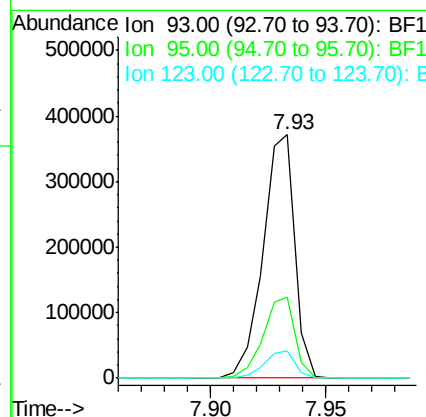
RT: 7.93 min Scan# 994

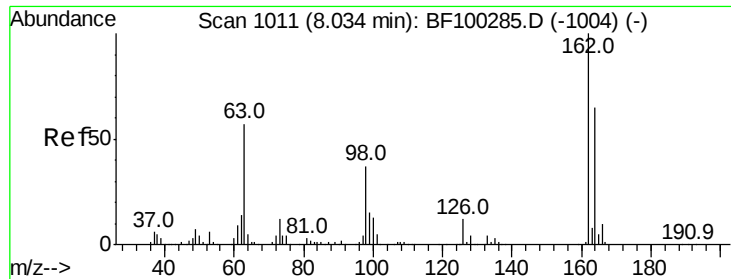
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:	93	Resp:	356477
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.3	39.5
123	11.4	9.8	14.6





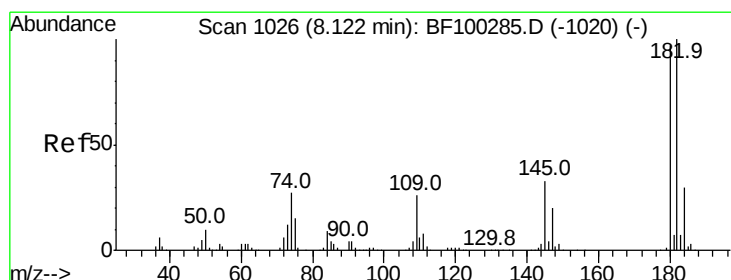
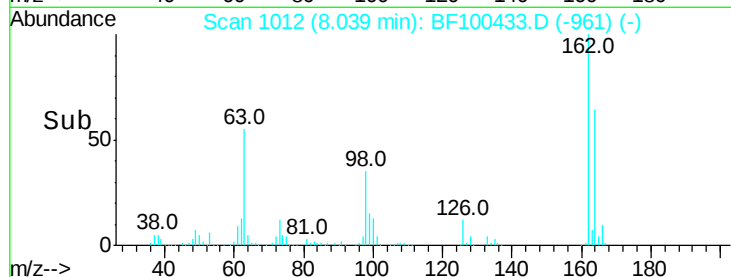
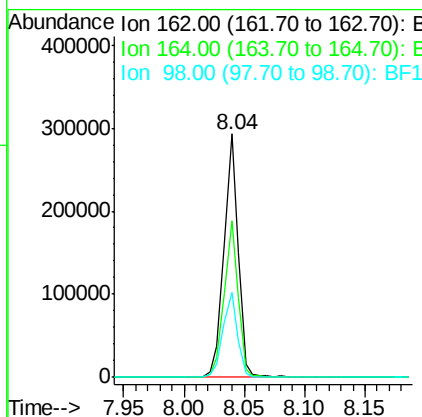
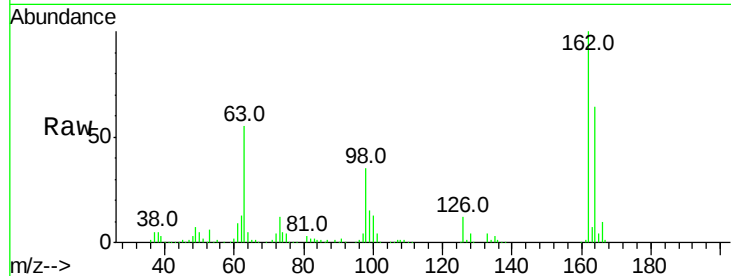
#29
 2,4-Dichlorophenol
 Concen: 28.753 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	239718		
164	64.1	42.7	82.7	
98	34.7	18.1	58.1	

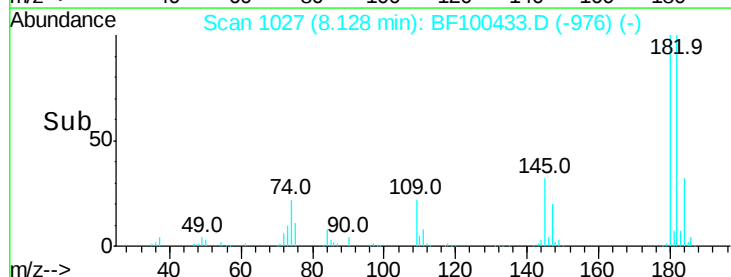
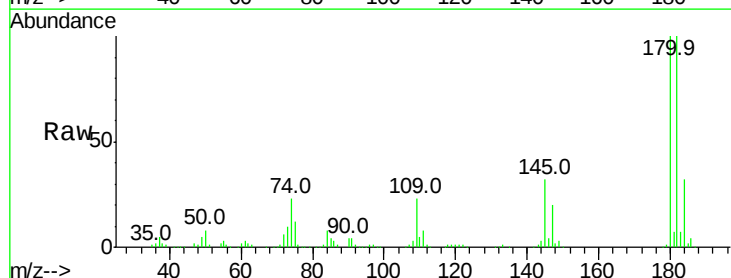
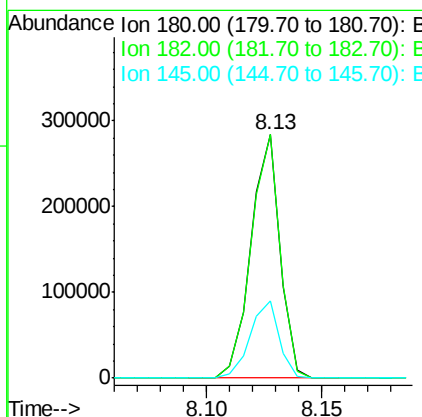
Manual Integrations
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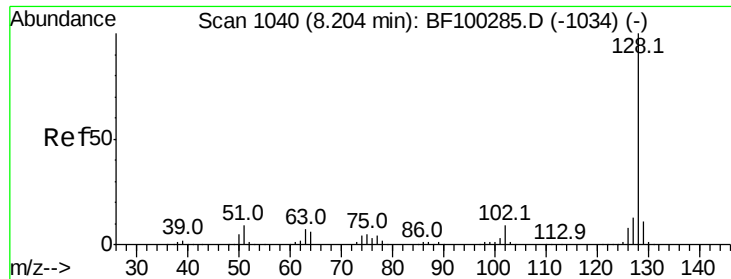
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 11/13/2017 4:54:09 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 27.750 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	250261		
182	99.9	76.8	115.2	
145	31.9	26.5	39.7	





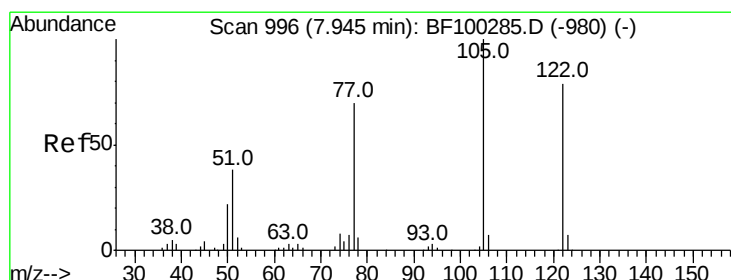
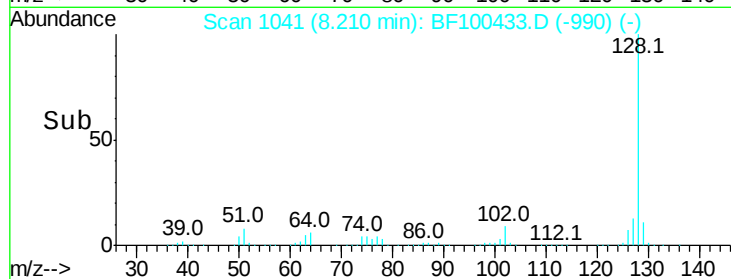
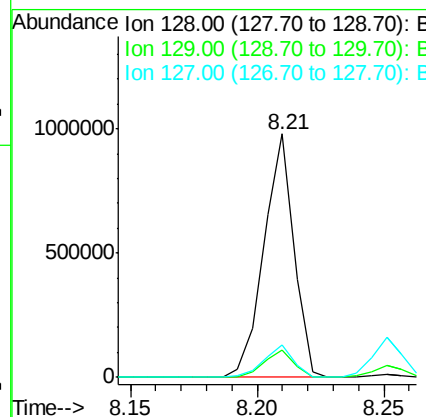
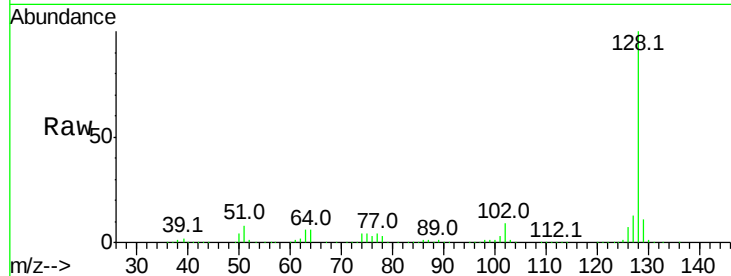
#31
Naphthalene
Concen: 27.343 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3

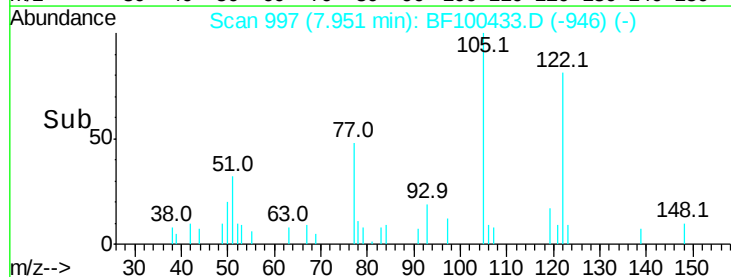
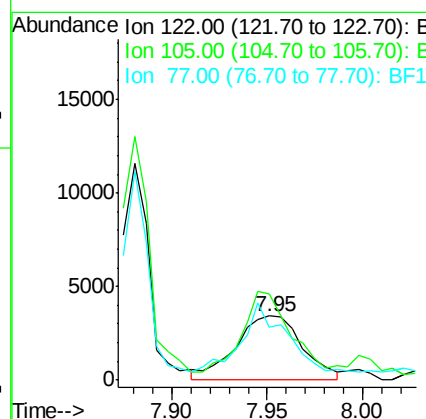
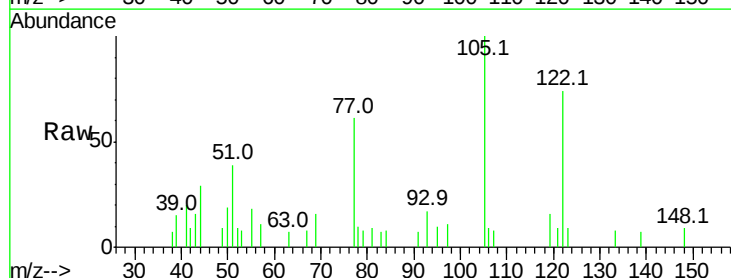
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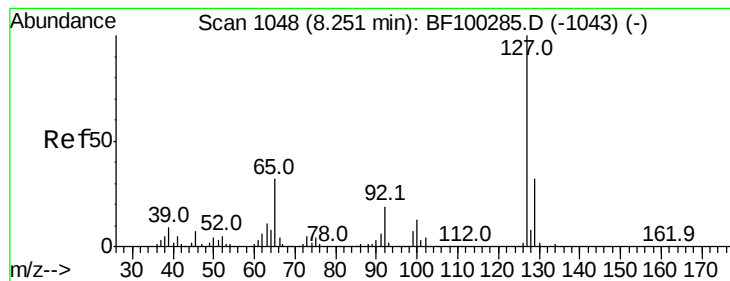
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#32
Benzoic acid
Concen: 10.377 ng m
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.4	101.1	141.1
77	82.5	70.7	110.7





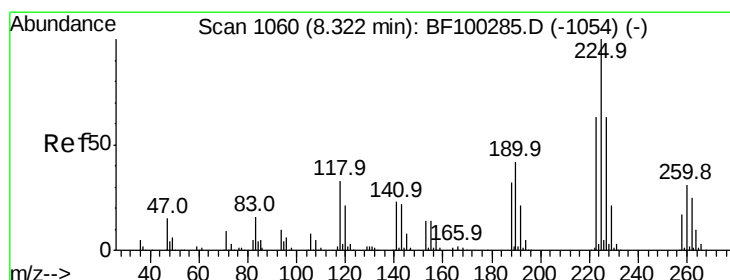
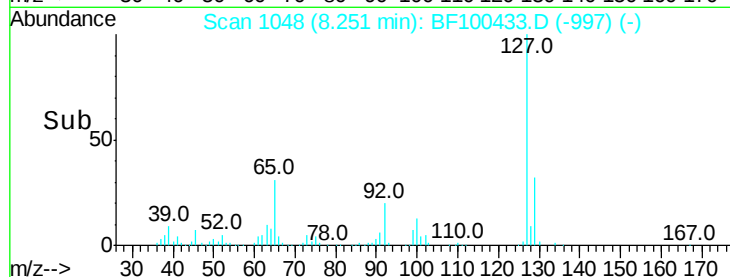
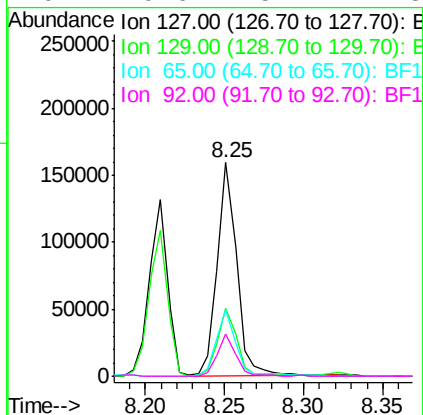
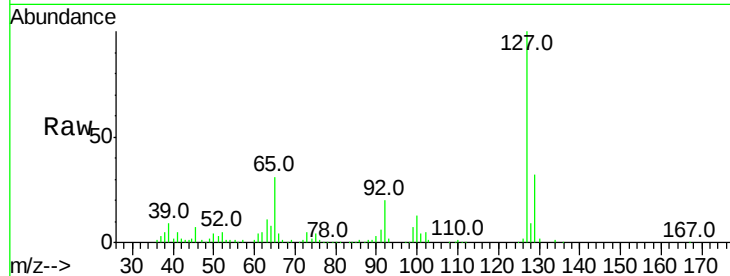
#33
 4-Chloroaniline
 Concen: 11.178 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.5	25.9	38.9
65	31.1	25.0	37.4
92	19.6	15.2	22.8

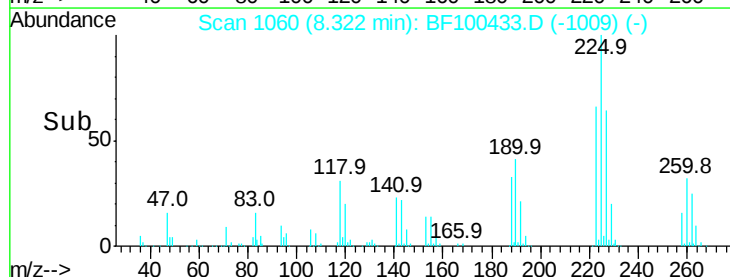
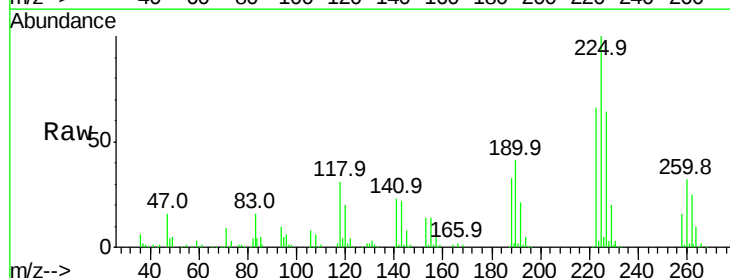
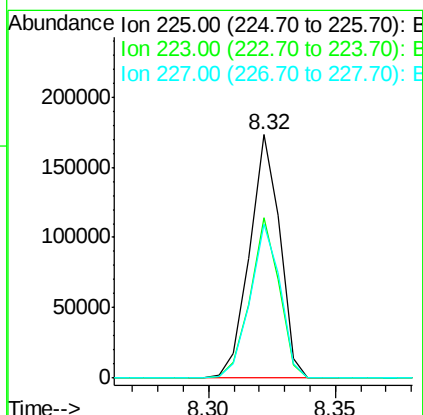
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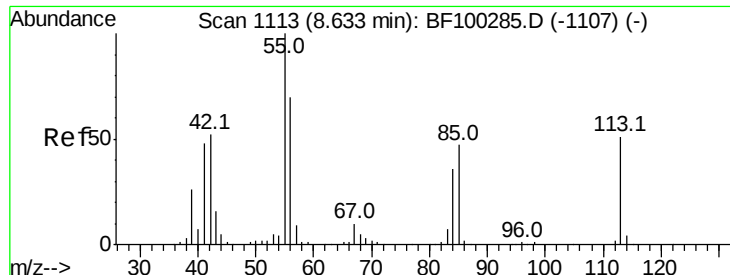
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#34
 Hexachlorobutadiene
 Concen: 26.861 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	65.6	50.6	76.0
227	63.5	51.9	77.9





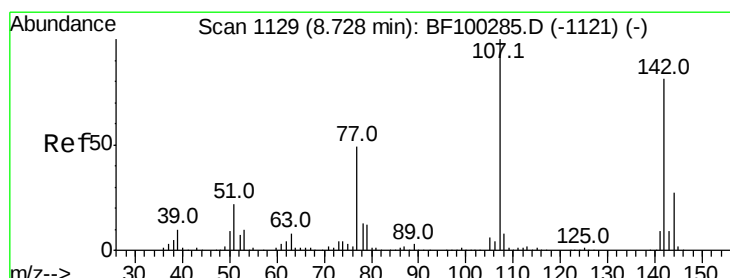
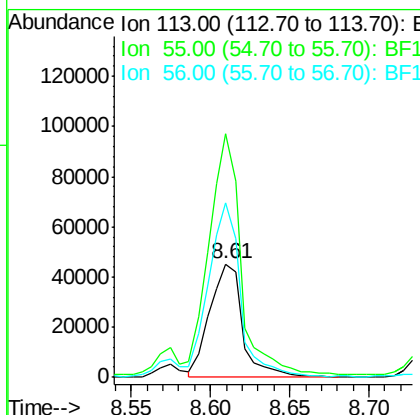
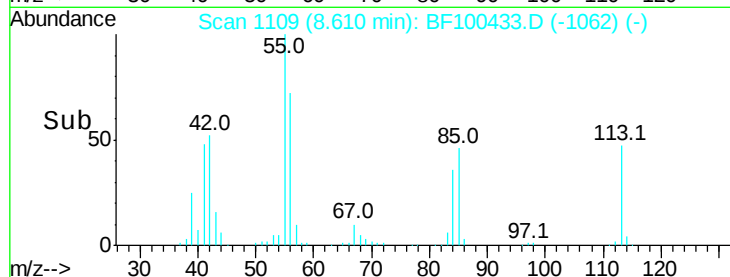
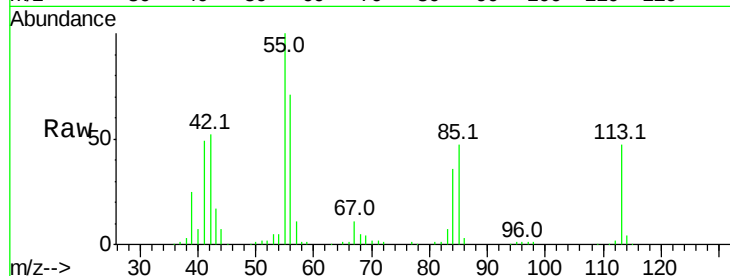
#35
 Caprolactam
 Concen: 22.814 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion:113 Resp: 65276
 Ion Ratio Lower Upper
 113 100
 55 214.9 163.3 203.3#
 56 153.7 115.7 155.7

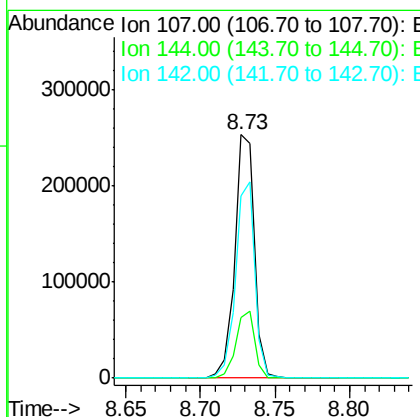
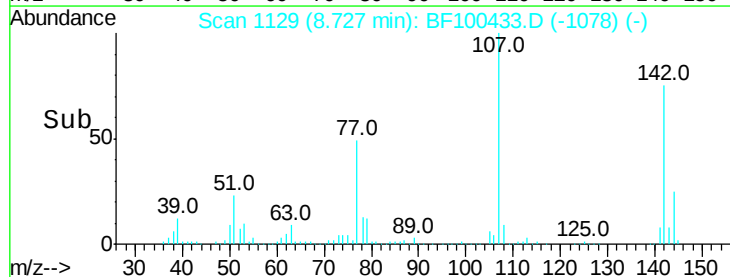
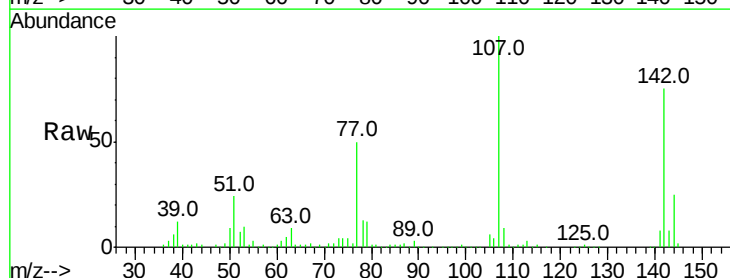
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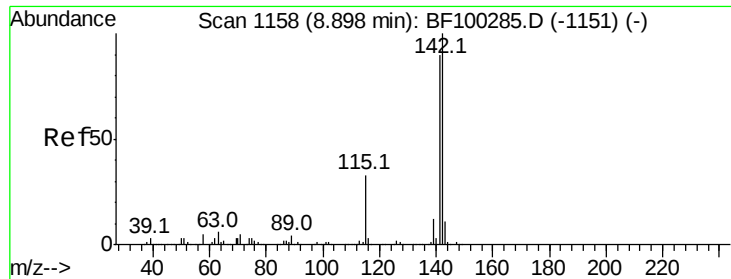
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#36
 4-Chloro-3-methylphenol
 Concen: 26.410 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion:107 Resp: 236481
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 74.9 62.0 93.0





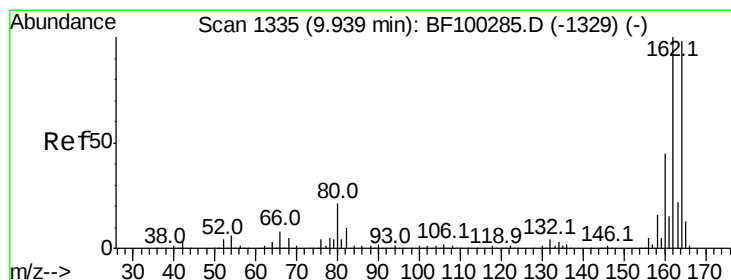
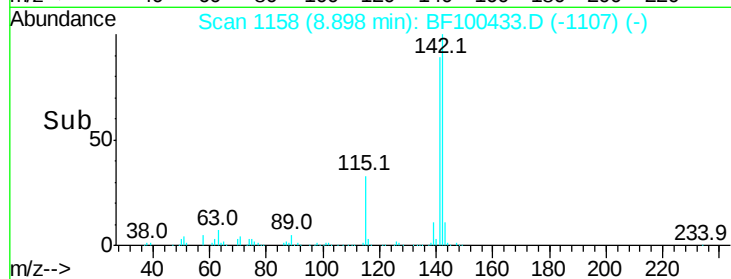
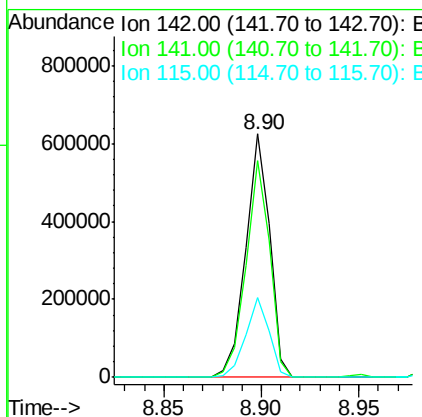
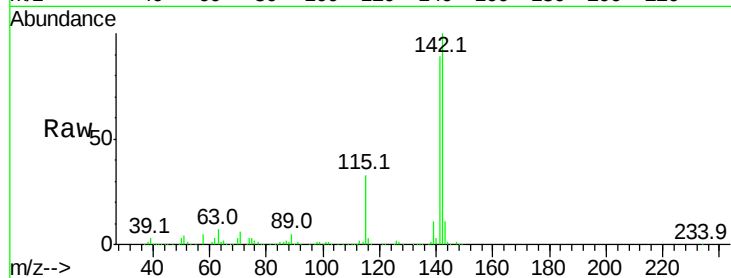
#37
2-Methylnaphthalene
Concen: 27.170 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.6	26.1	39.1

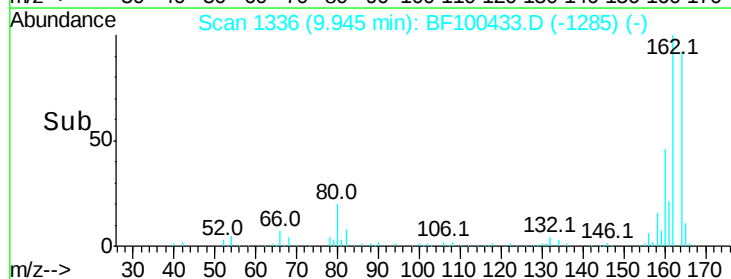
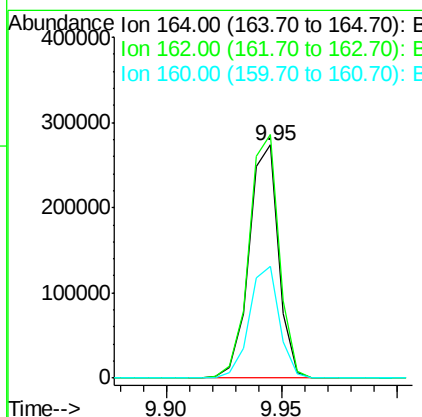
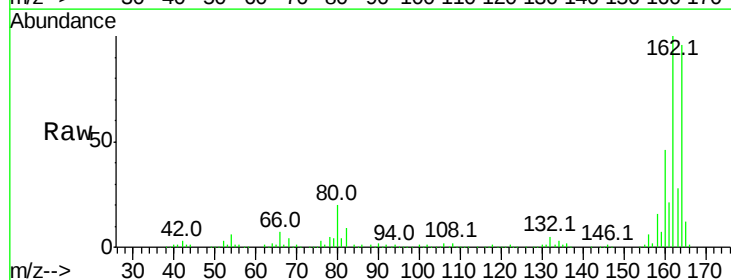
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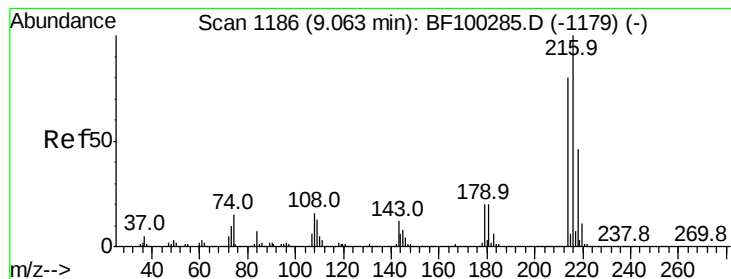
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.108 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

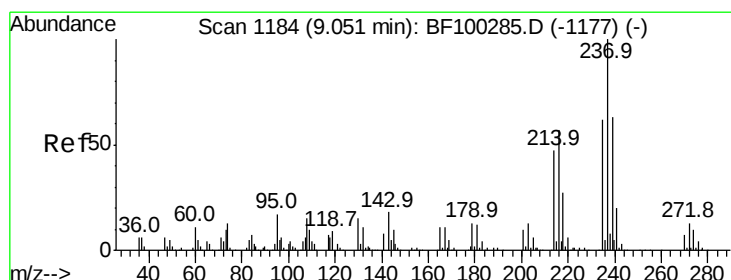
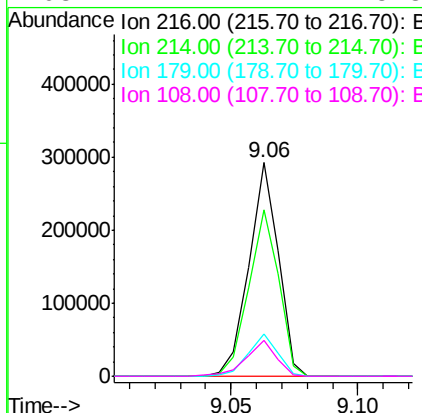
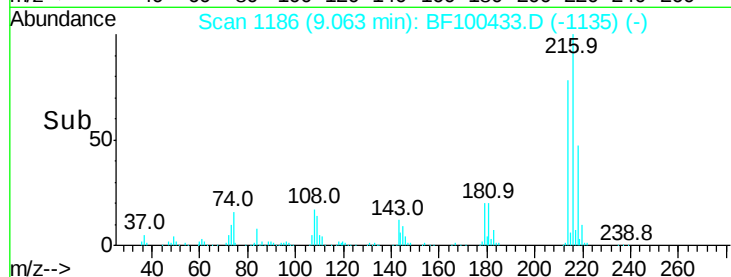
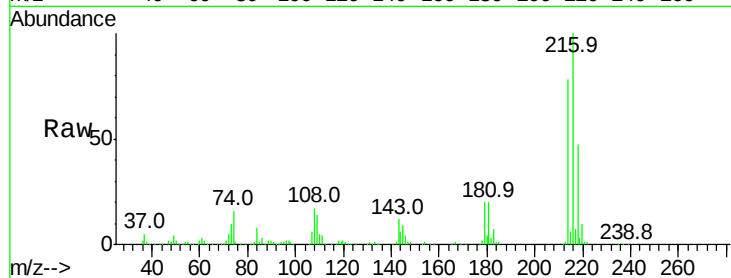
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:	216	Resp:	236894
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.4
179	20.1	18.1	27.1
108	17.1	17.2	25.8#

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#40

Hexachlorocyclopentadiene

Concen: 12.832 ng

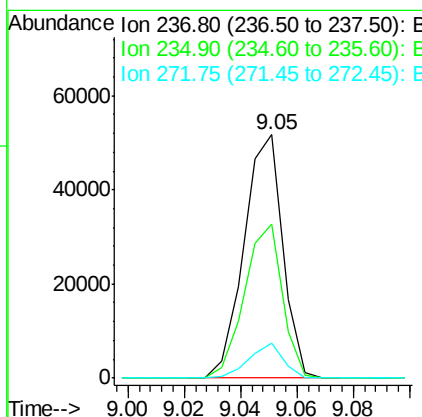
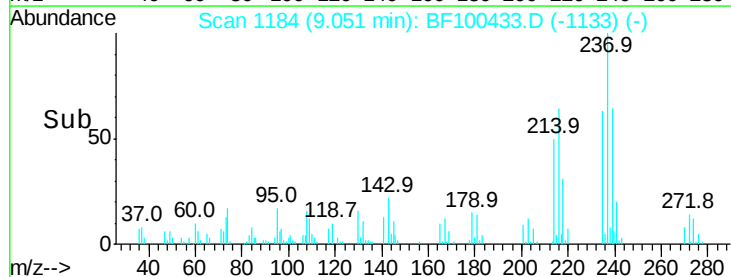
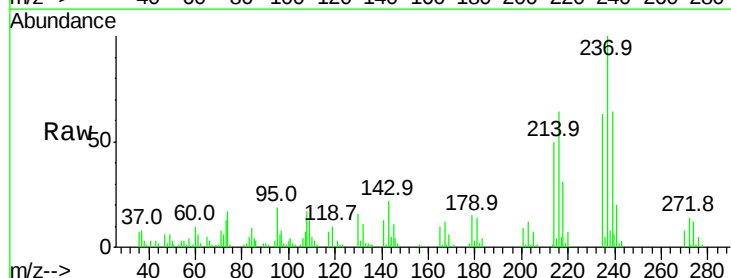
RT: 9.05 min Scan# 1184

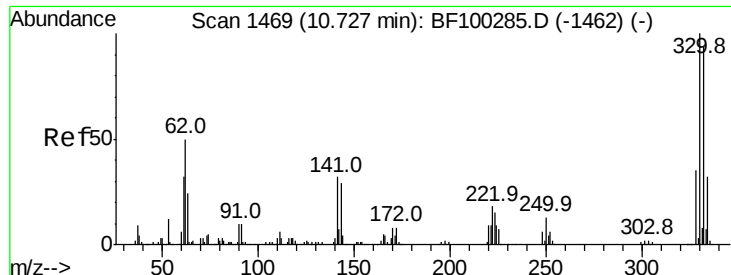
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:	237	Resp:	49153
Ion Ratio	Lower	Upper	
237	100		
235	63.1	44.8	84.8
272	14.4	0.0	33.3





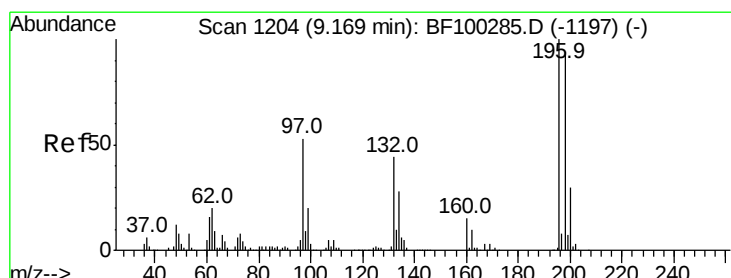
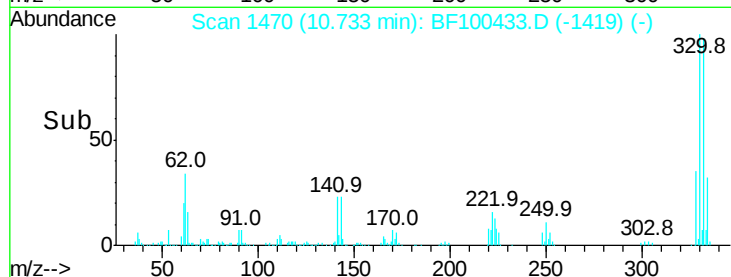
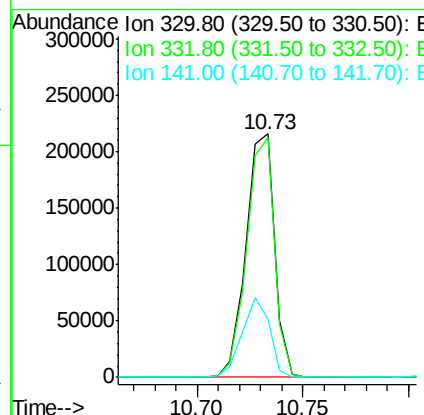
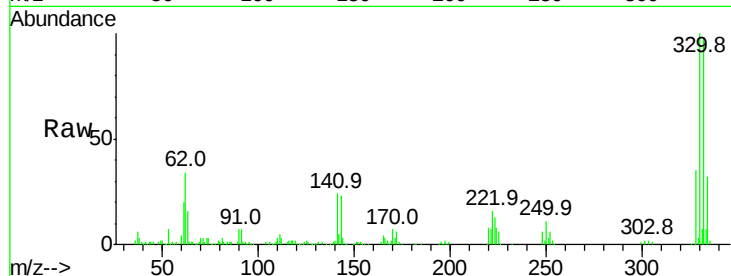
#41
 2,4,6-Tribromophenol
 Concen: 81.138 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	202891		
332	95.7	77.0	115.6	
141	31.6	29.9	44.9	

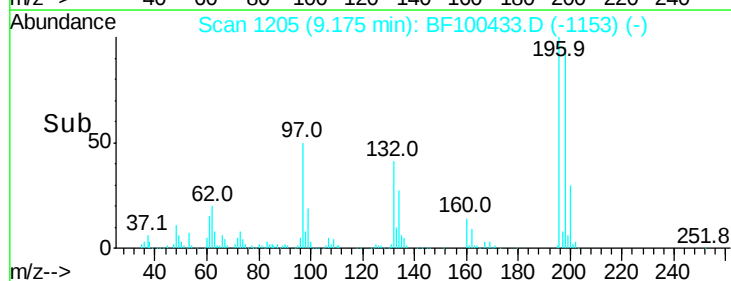
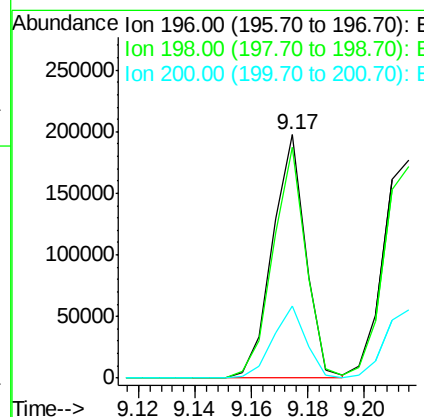
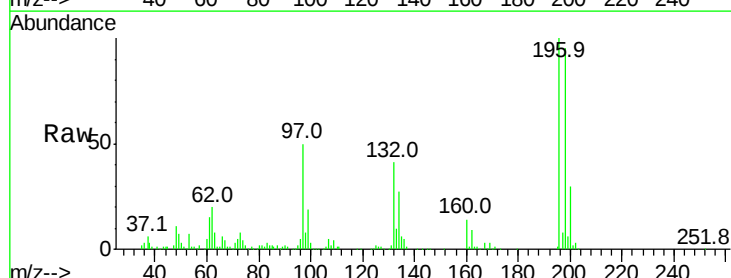
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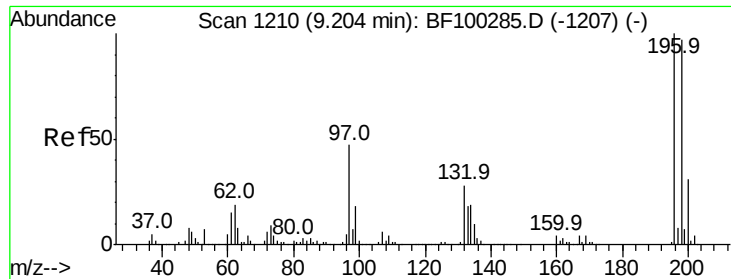
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 11/13/2017 4:54:09 PM



#42
 2,4,6-Trichlorophenol
 Concen: 31.238 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	161127		
198	94.8	75.7	113.5	
200	29.7	24.5	36.7	





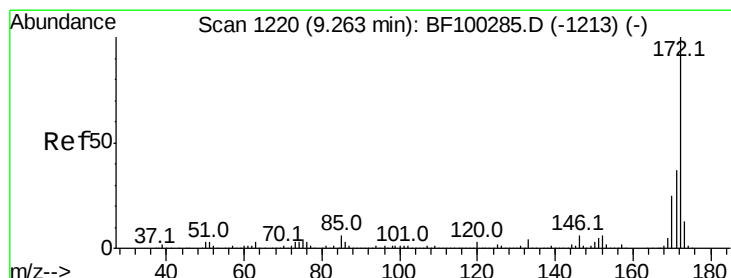
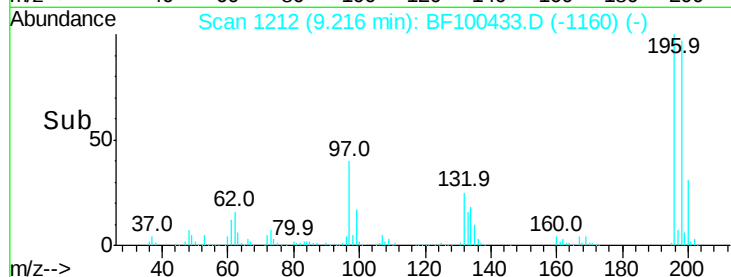
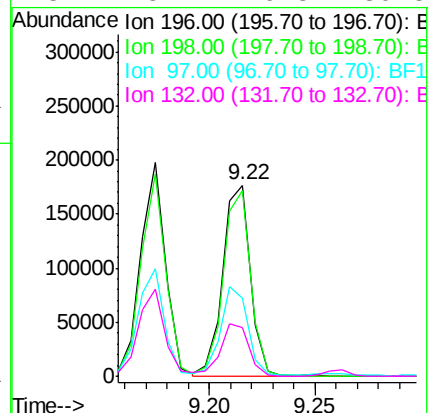
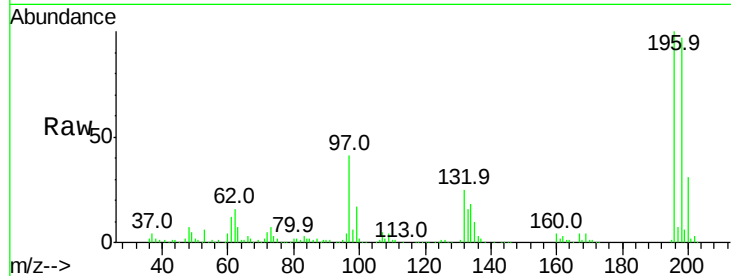
#43
 2,4,5-Trichlorophenol
 Concen: 30.156 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161161		
198	96.9	74.6	112.0	
97	40.6	42.9	64.3	
132	25.4	26.3	39.5	

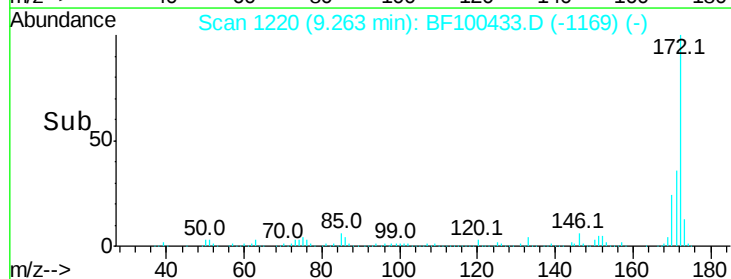
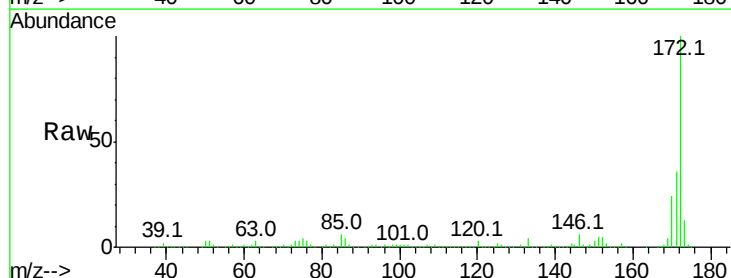
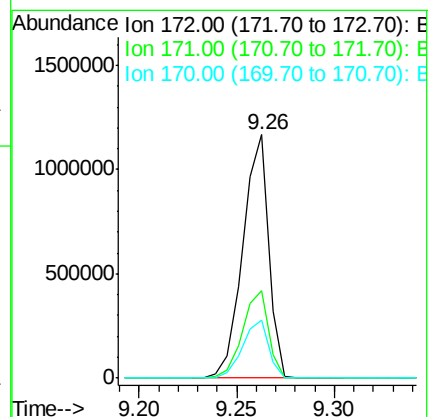
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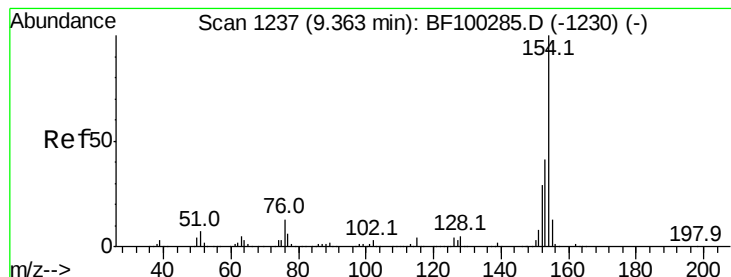
SOHIL
 11/13/2017 4:54:09 PM



#44
 2-Fluorobiphenyl
 Concen: 66.385 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1069842		
171	36.1	29.7	44.5	
170	24.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 28.796 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

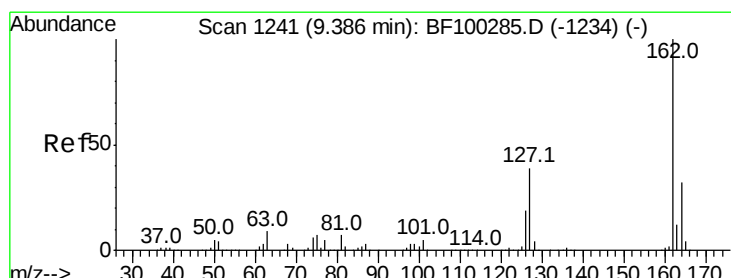
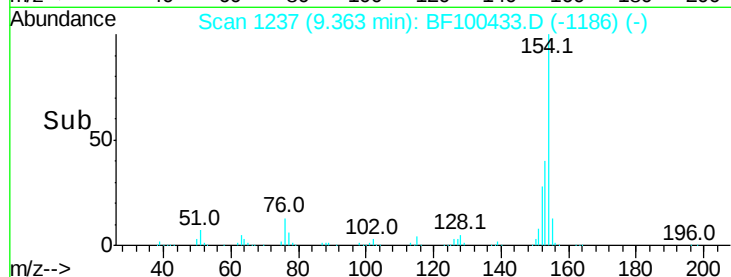
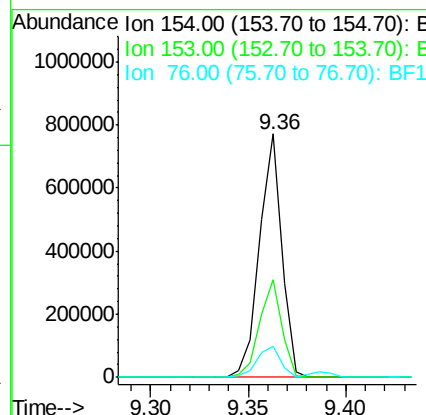
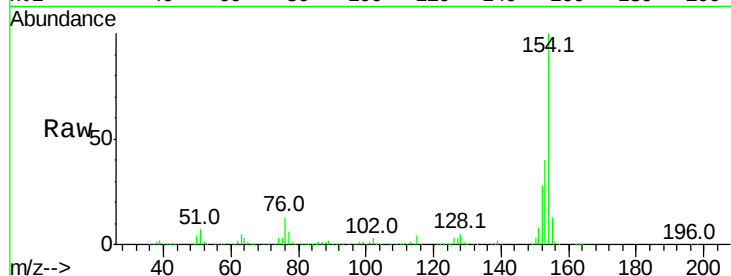
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:	154	Resp:	611161
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	12.8	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 29.858 ng

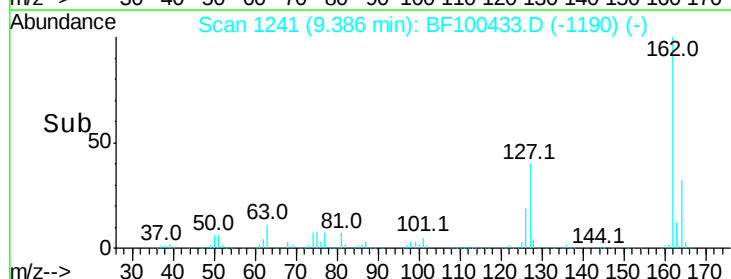
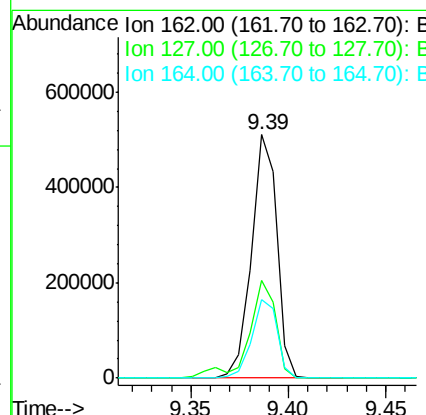
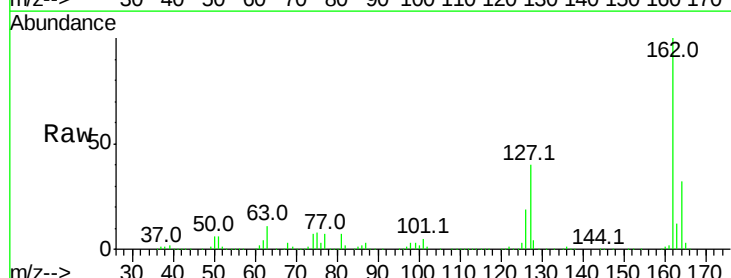
RT: 9.39 min Scan# 1241

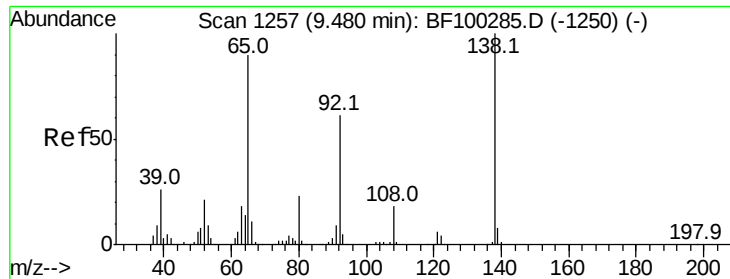
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:	162	Resp:	459728
Ion Ratio	Lower	Upper	
162	100		
127	40.3	33.9	50.9
164	32.1	26.5	39.7





#47

2-Nitroaniline

Concen: 34.445 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

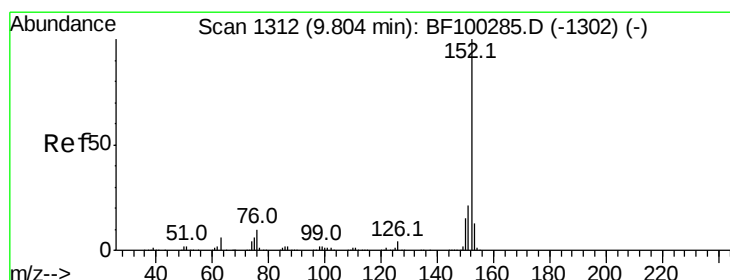
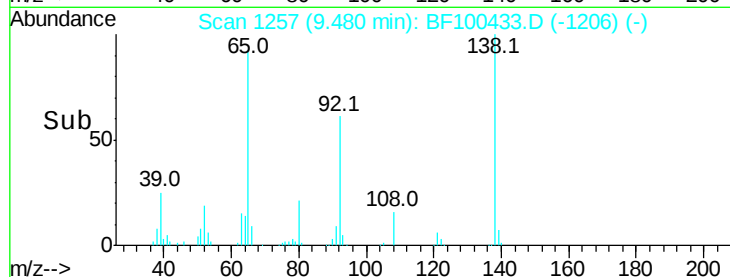
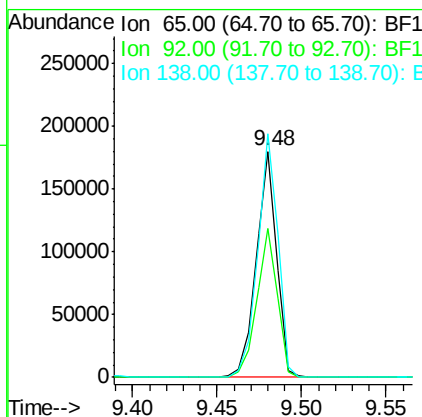
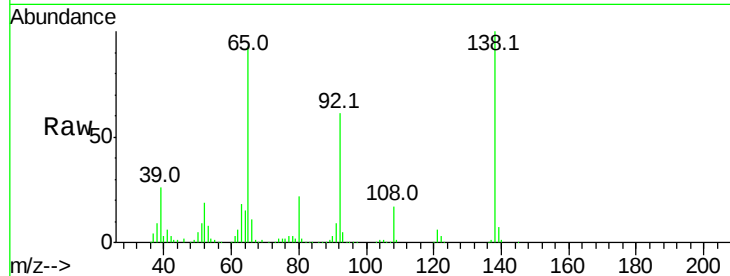
ClientSampleId :

TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	55.8	83.6
138	107.8	91.2	136.8

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#48

Acenaphthylene

Concen: 26.996 ng

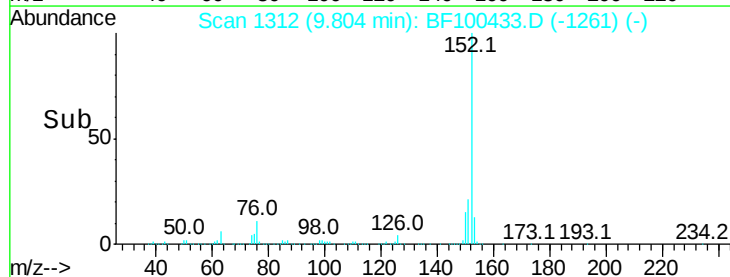
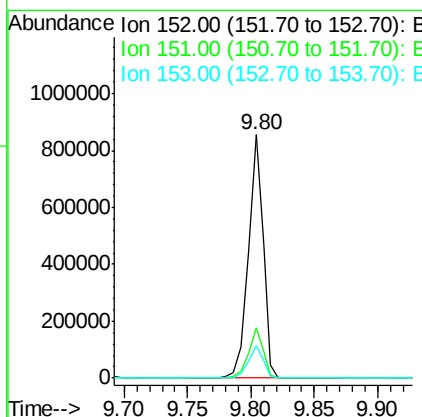
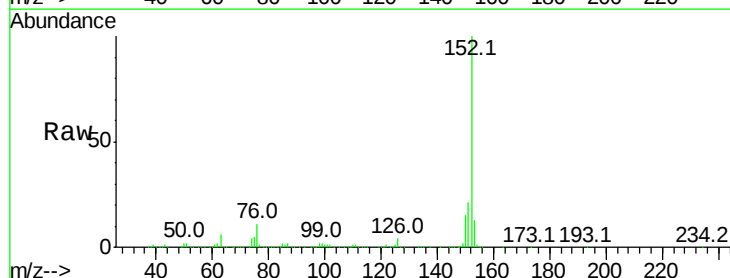
RT: 9.80 min Scan# 1312

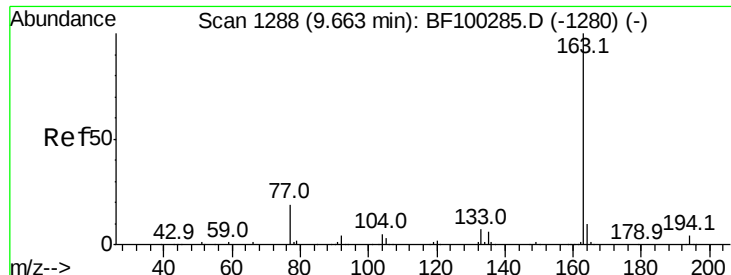
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.2	10.7	16.1





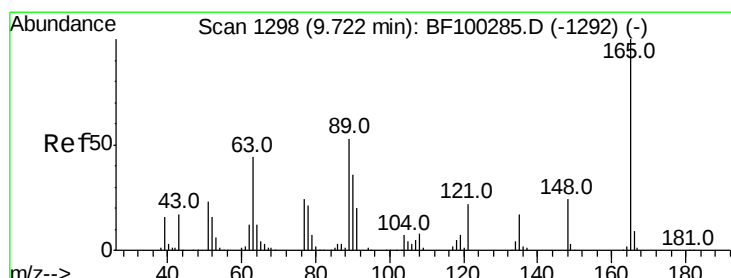
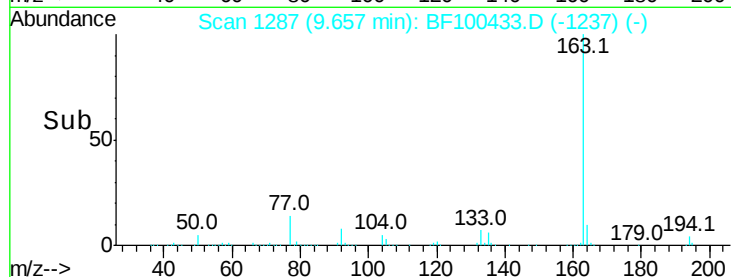
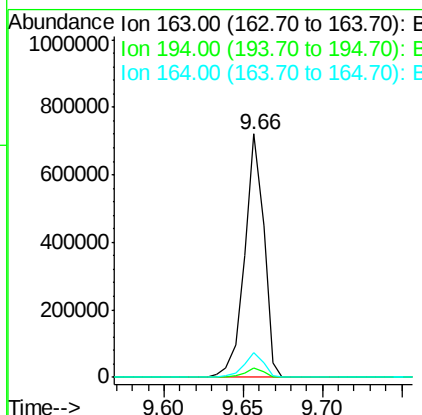
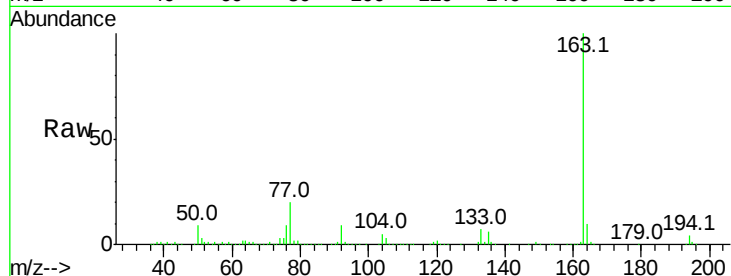
#49
Dimethylphthalate
Concen: 32.240 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	604053		
194	3.7		2.7	4.1
164	10.4		8.2	12.2

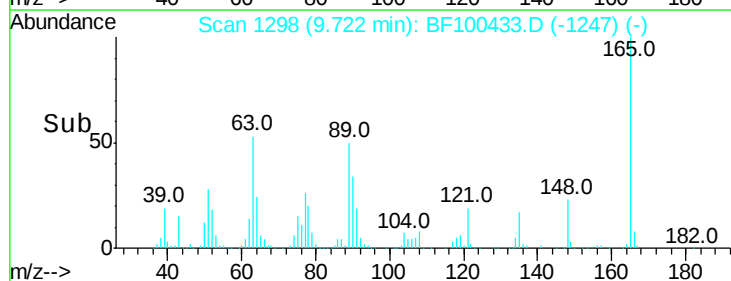
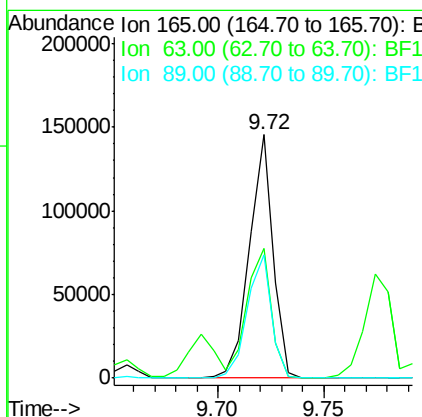
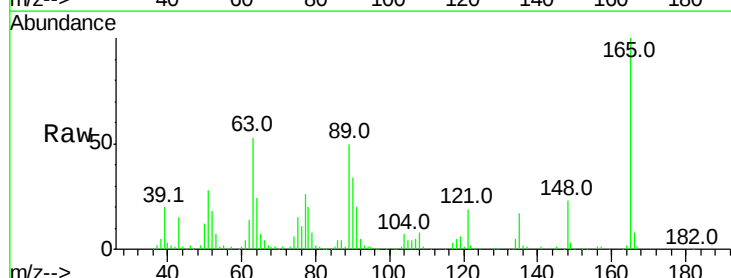
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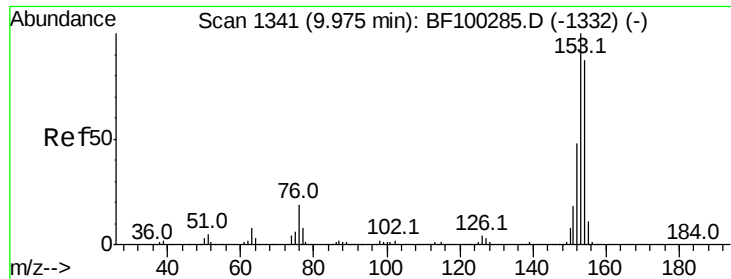
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#50
2,6-Dinitrotoluene
Concen: 30.541 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113269		
63	53.1		44.7	67.1
89	50.4		44.0	66.0





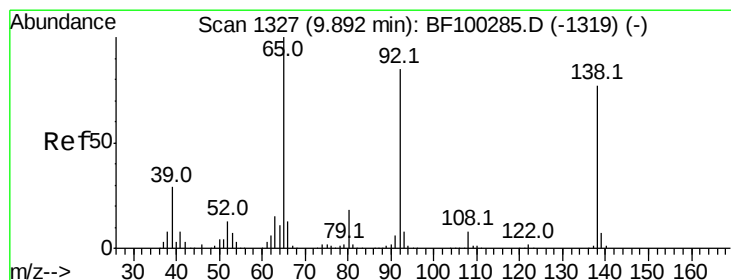
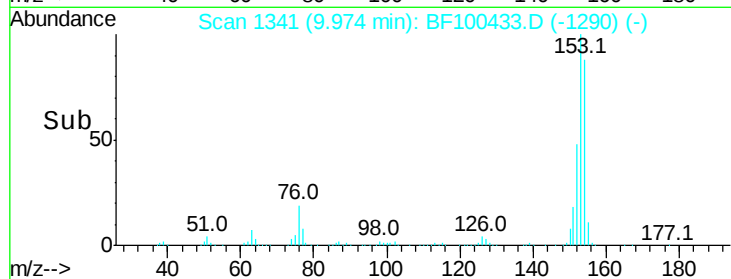
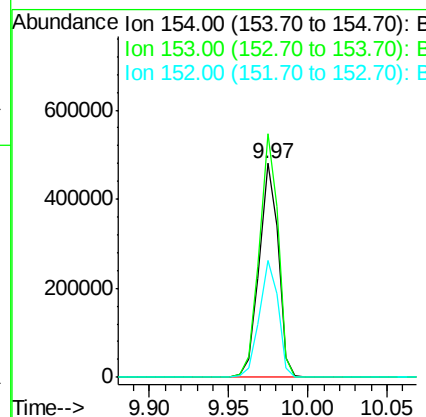
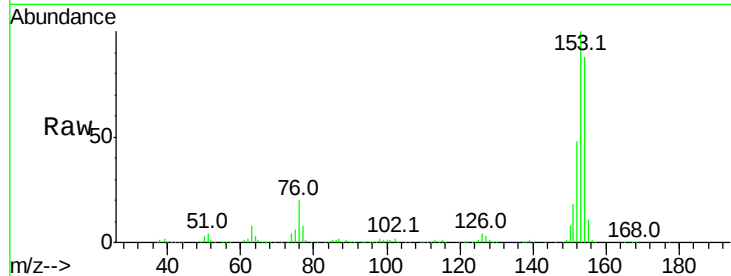
#51
Acenaphthene
Concen: 26.008 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	54.7	43.8	65.8

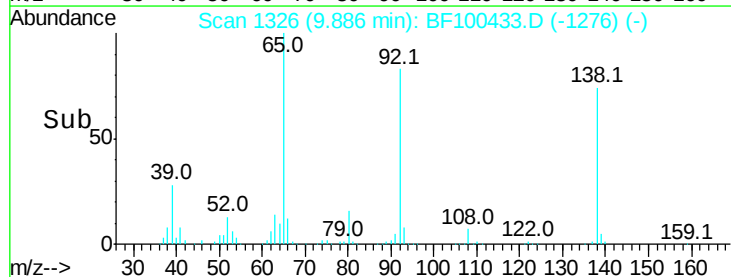
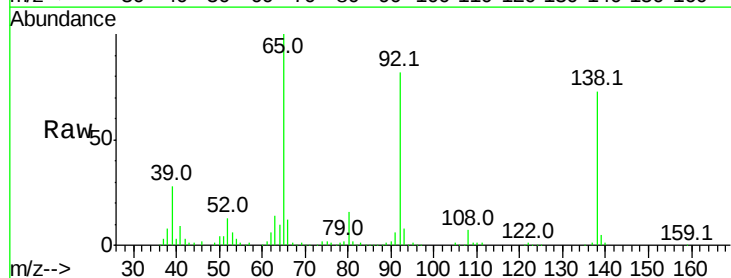
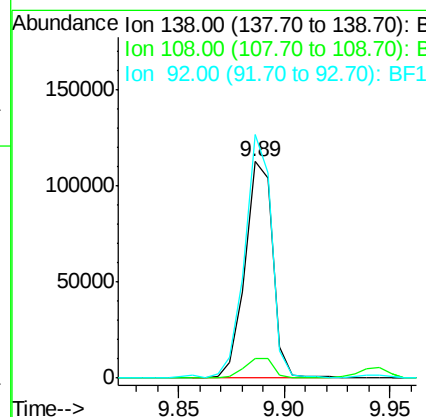
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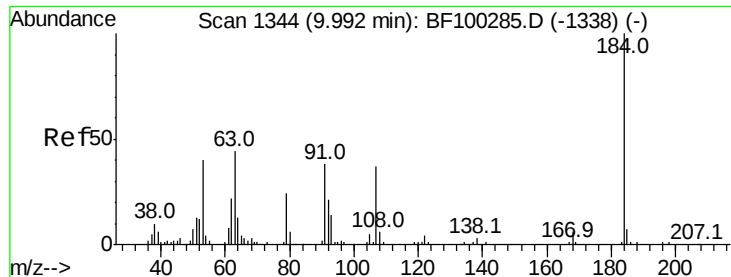
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#52
3-Nitroaniline
Concen: 23.361 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	9.4	14.0#
92	112.4	89.4	134.2





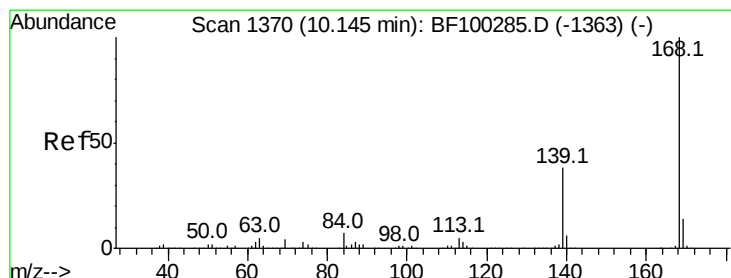
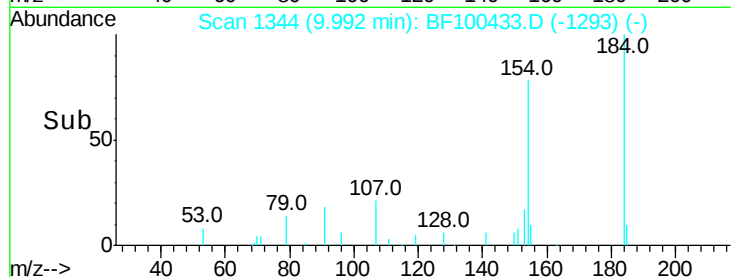
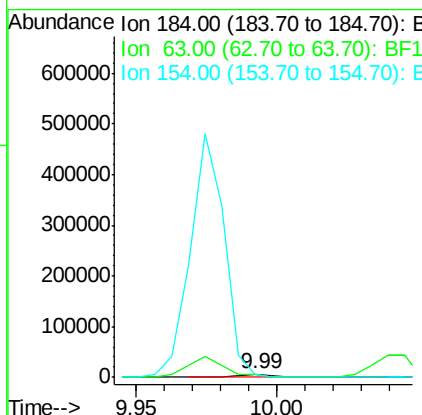
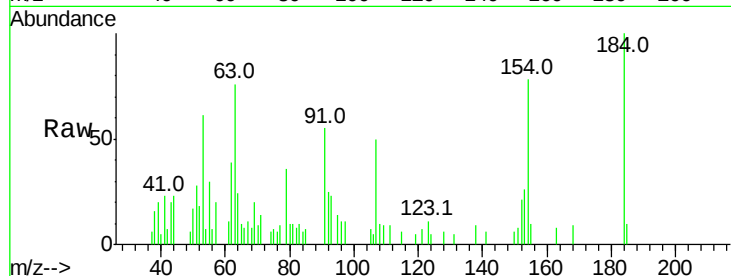
#53
2,4-Dinitrophenol
Concen: 12.387 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.7	54.2	81.2
154	78.1	184.0	276.0#

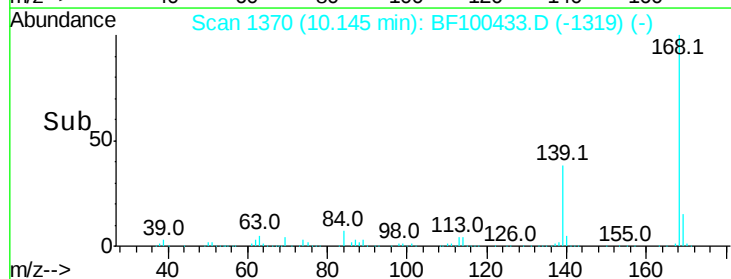
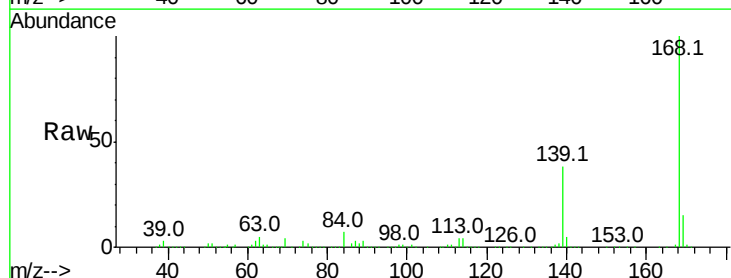
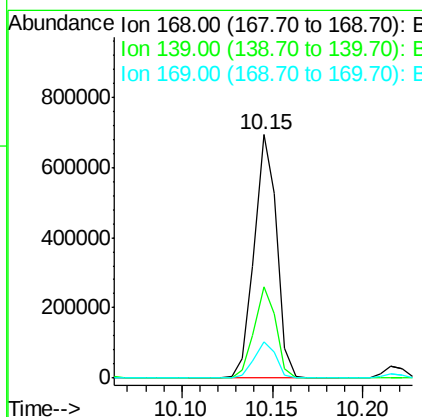
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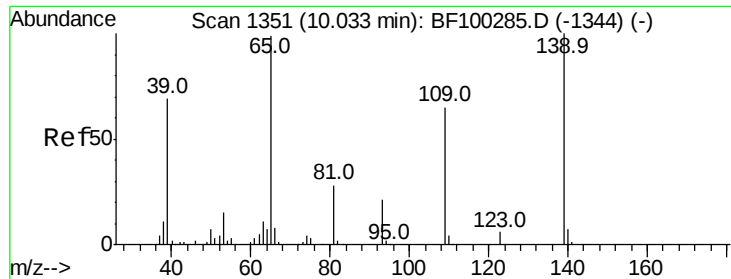
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#54
Dibenzofuran
Concen: 27.470 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	14.7	10.9	16.3





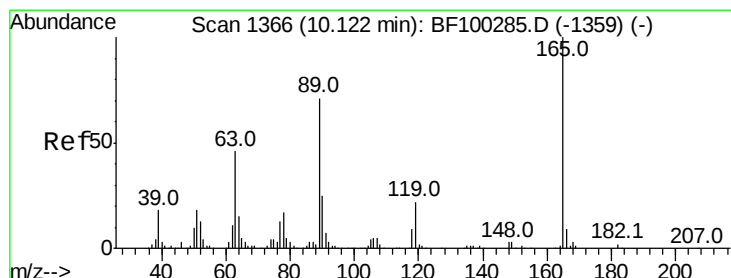
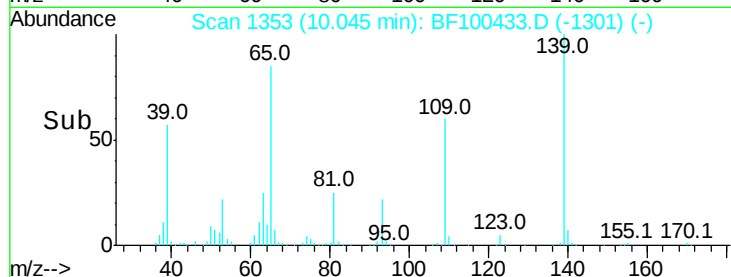
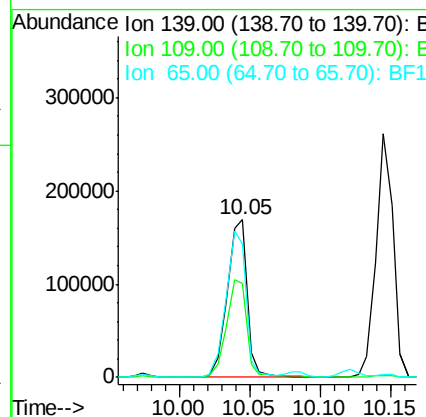
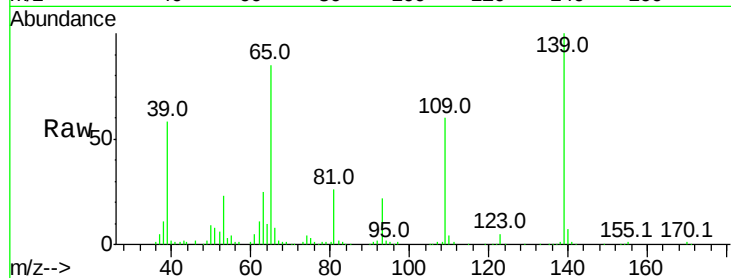
#55
4-Nitrophenol
Concen: 46.961 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.9	48.4	88.4
65	84.8	72.6	112.6

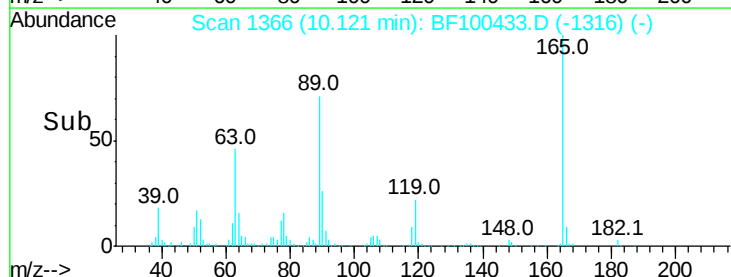
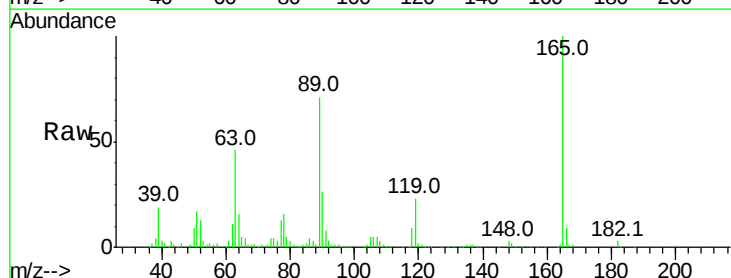
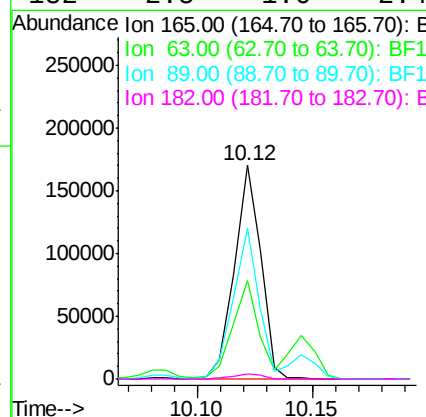
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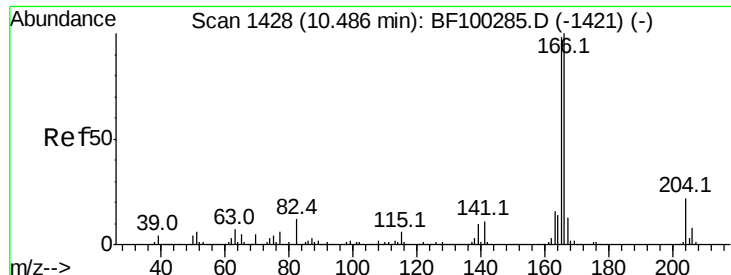
SOHIL
11/13/2017 4:54:09 PM



#56
2,4-Dinitrotoluene
Concen: 29.038 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.0	36.4	54.6
89	71.0	57.8	86.6
182	2.5	1.6	2.4#





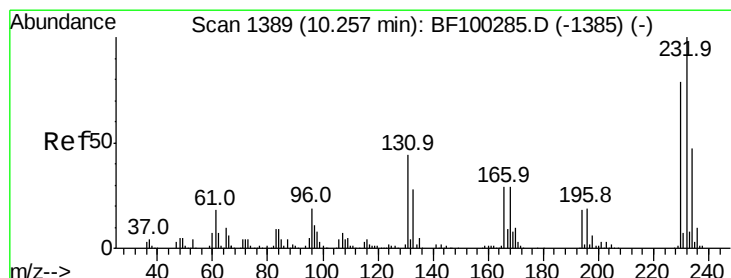
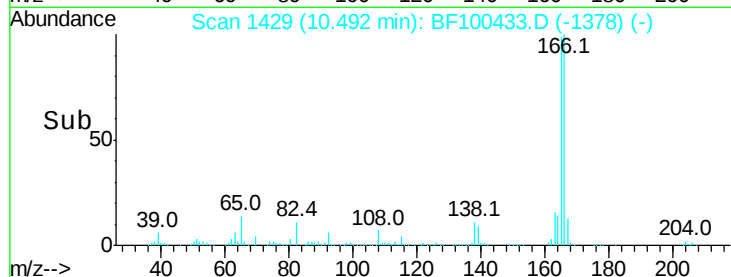
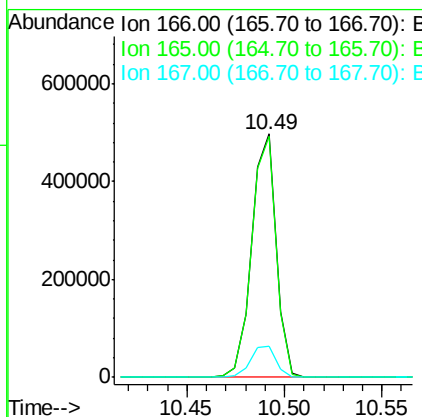
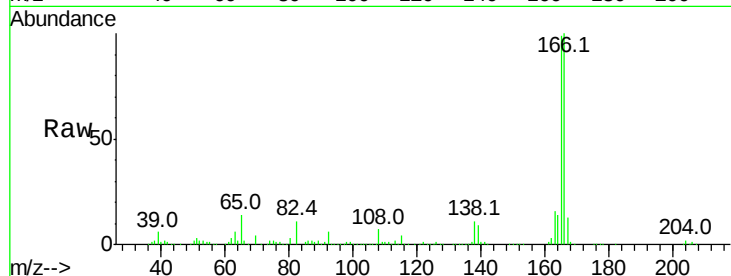
#57
Fluorene
 Concen: 27.065 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.8	119.8	
167	13.1	10.6	16.0	

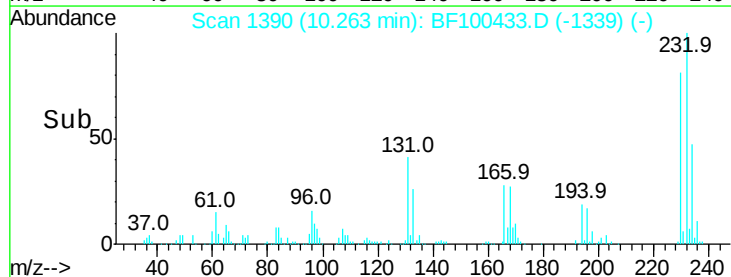
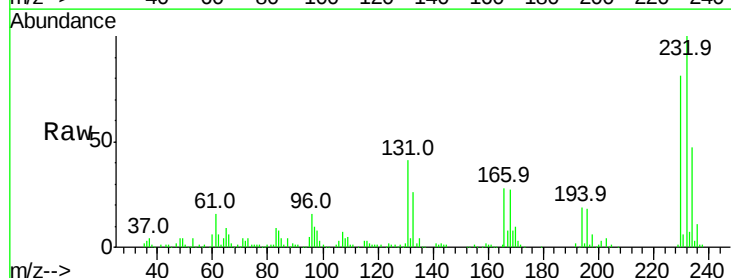
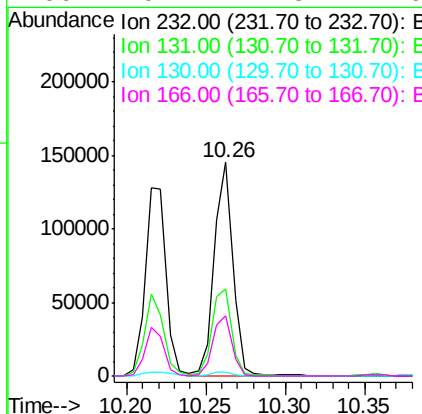
Manual Integrations
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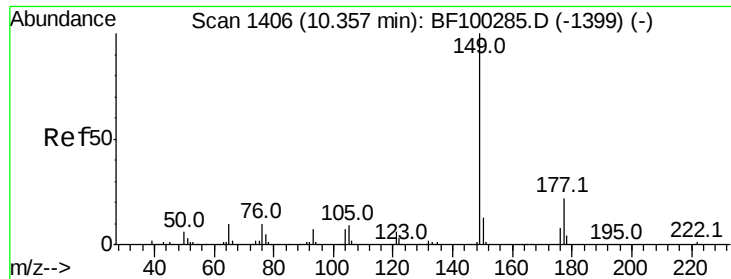
SOHIL
 11/13/2017 4:54:09 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 27.209 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.3	43.8	65.8	
130	2.4	2.1	3.1	
166	29.4	27.8	41.6	





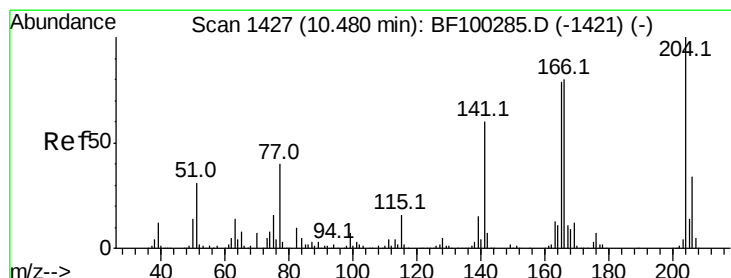
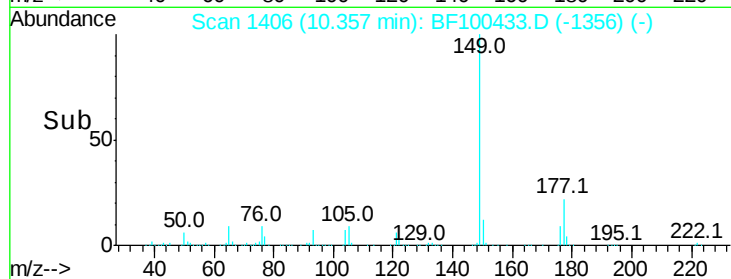
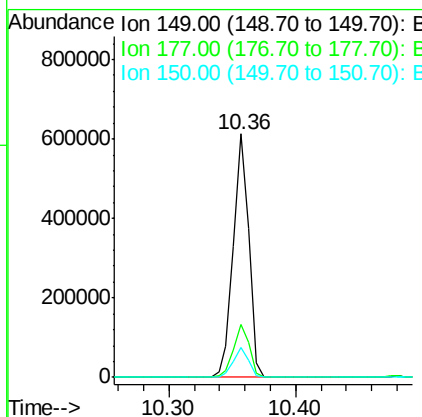
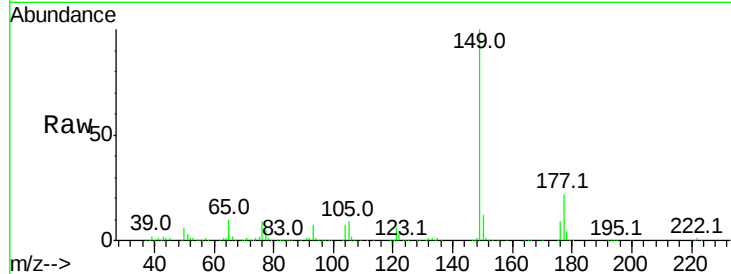
#59
Diethylphthalate
Concen: 27.379 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	513349		
177	21.7	16.1	24.1	
150	12.2	10.1	15.1	

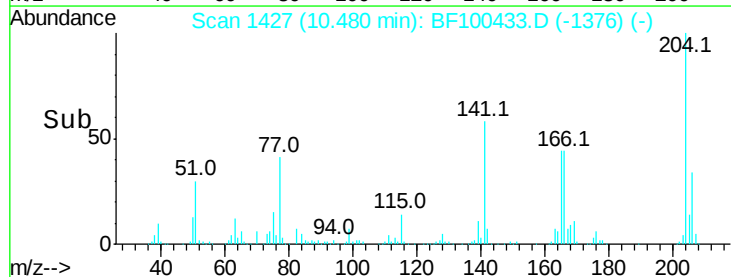
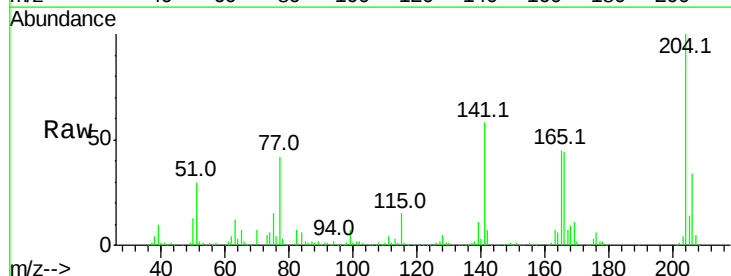
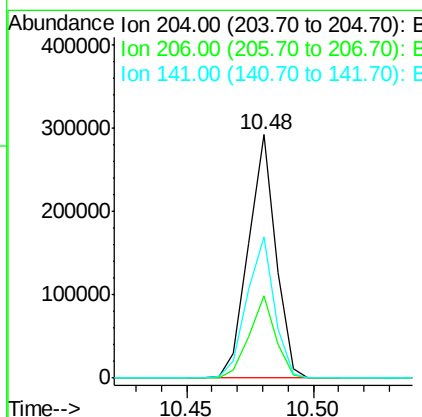
Manual Integrations
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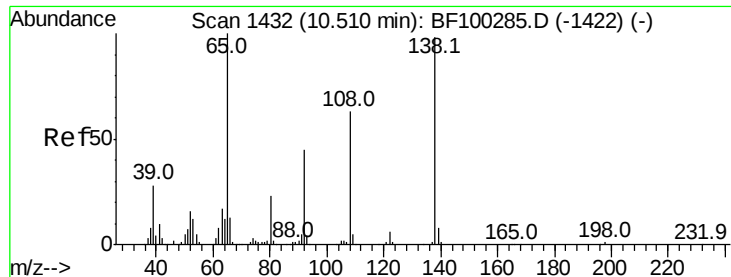
SOHIL
11/13/2017 4:54:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 28.188 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	220330		
206	34.0	26.5	39.7	
141	58.3	54.6	81.8	





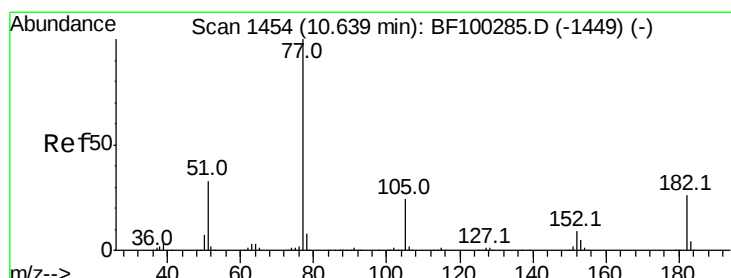
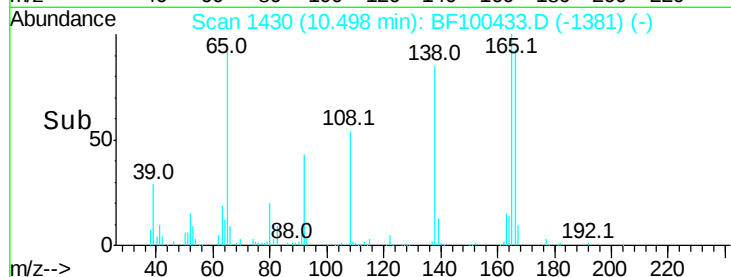
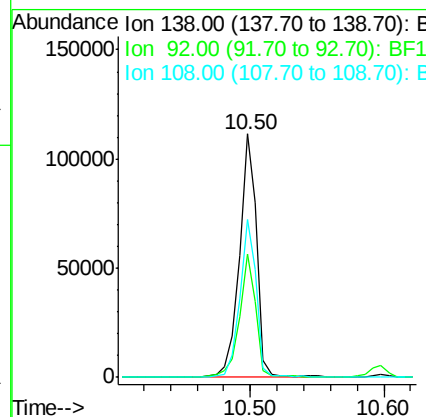
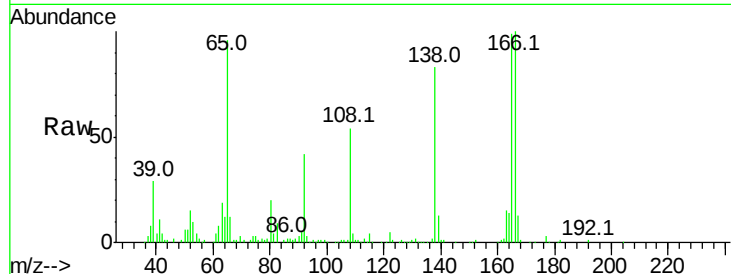
#61
4-Nitroaniline
Concen: 24.289 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	65.1	52.5	92.5

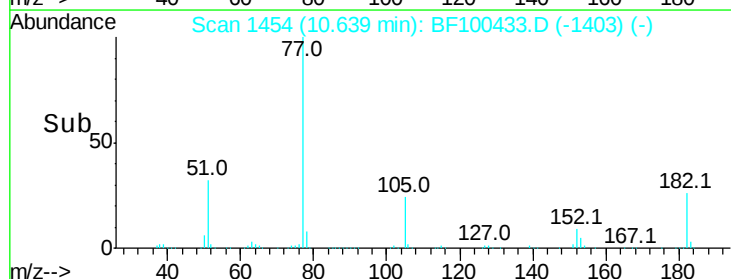
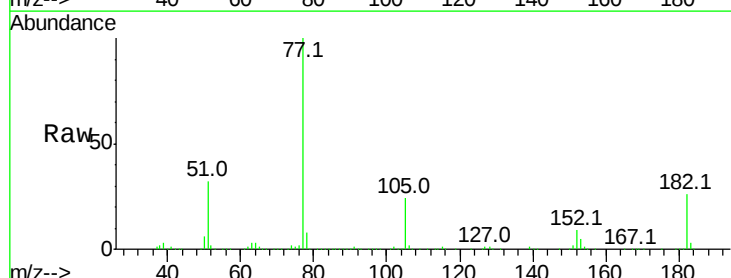
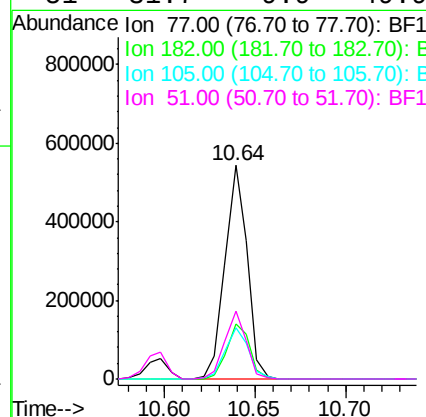
Manual Integrations
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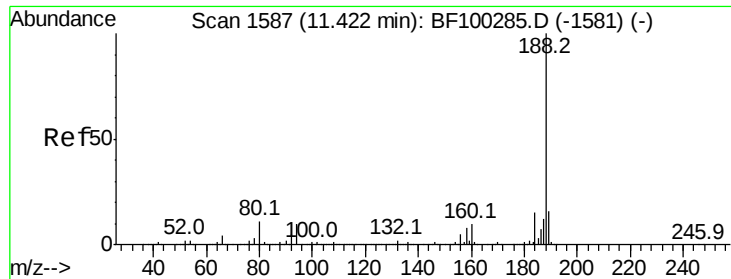
SOHIL
11/13/2017 4:54:09 PM



#62
Azobenzene
Concen: 26.129 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	24.0	3.0	43.0
51	31.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

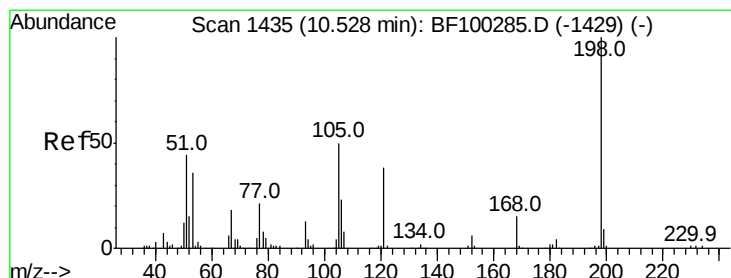
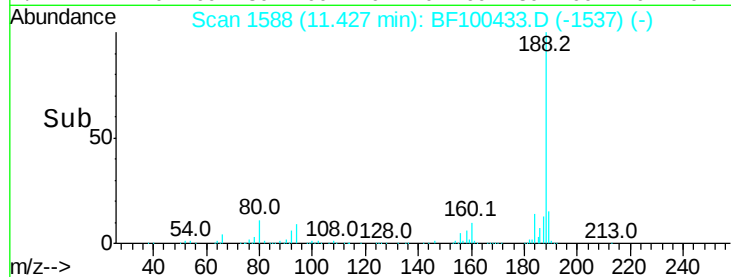
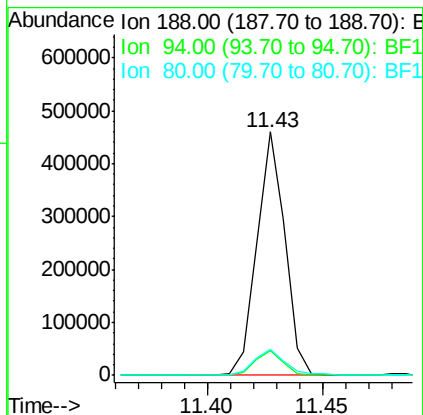
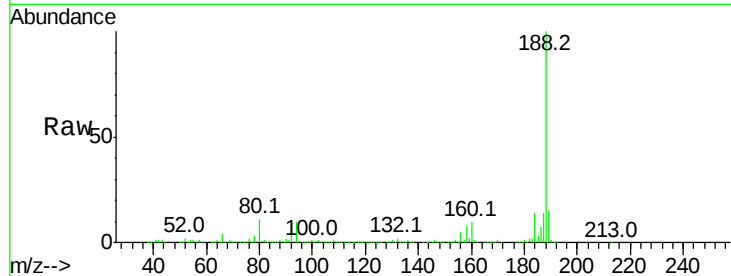
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:188	Resp:	389055
Ion Ratio	Lower	Upper
188 100		
94 10.0	8.5	12.7
80 10.8	9.2	13.8

Manual Integrations
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SOHIL
11/13/2017 4:54:09 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 12.131 ng

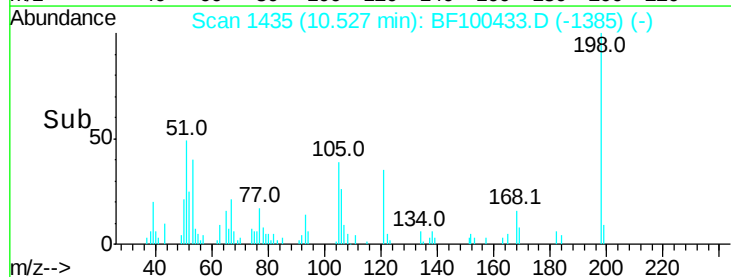
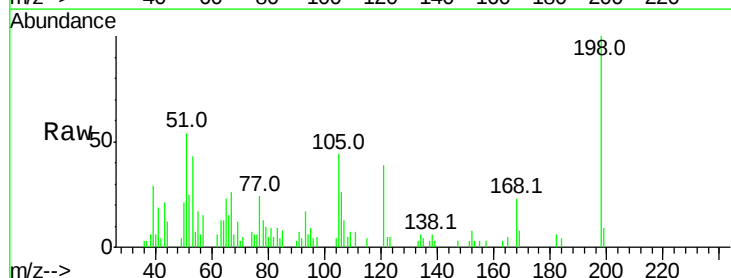
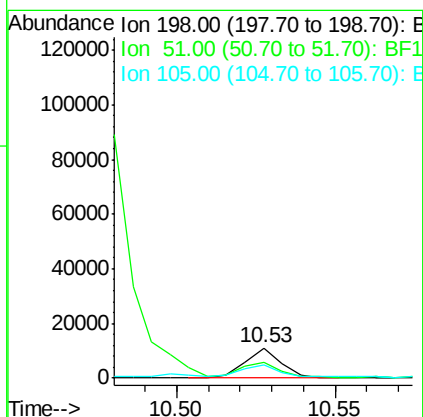
RT: 10.53 min Scan# 1435

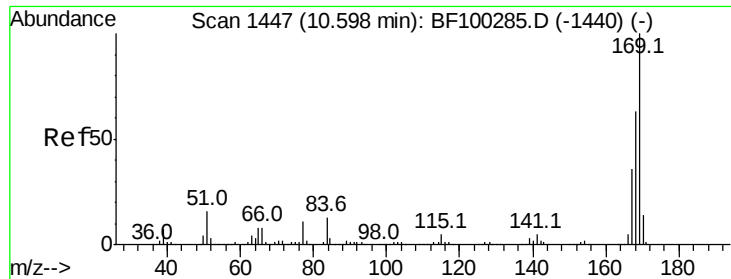
Delta R.T. -0.01 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:198	Resp:	8515
Ion Ratio	Lower	Upper
198 100		
51 53.8	37.7	77.7
105 43.8	36.3	76.3





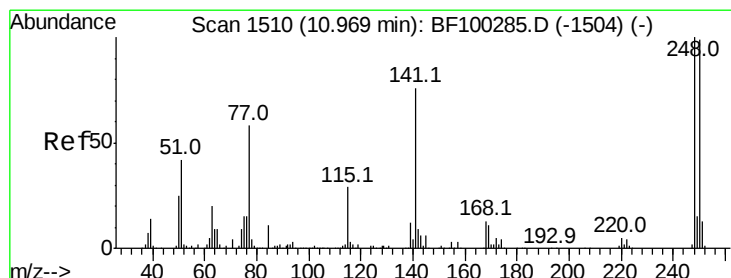
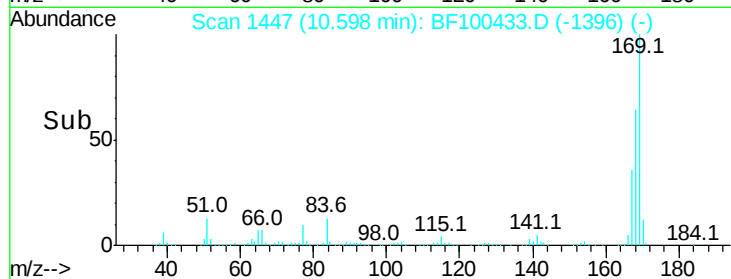
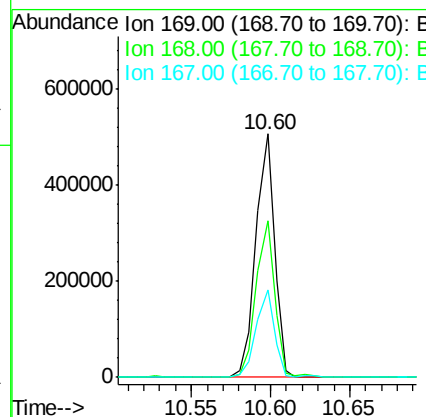
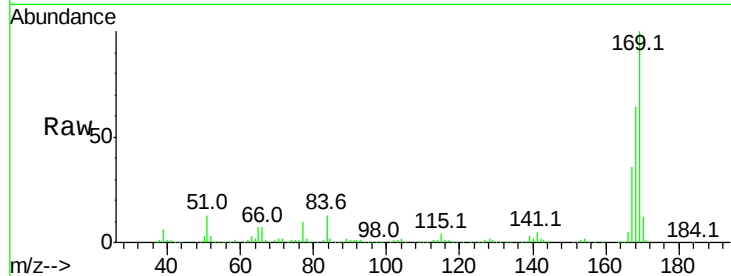
#65
n-Nitrosodiphenylamine
Concen: 30.848 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	417305		
168	64.5		54.4	81.6
167	36.1		29.8	44.6

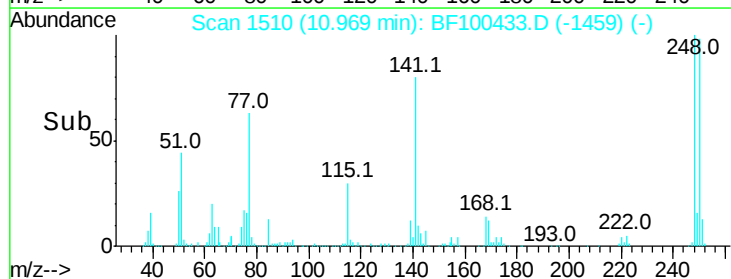
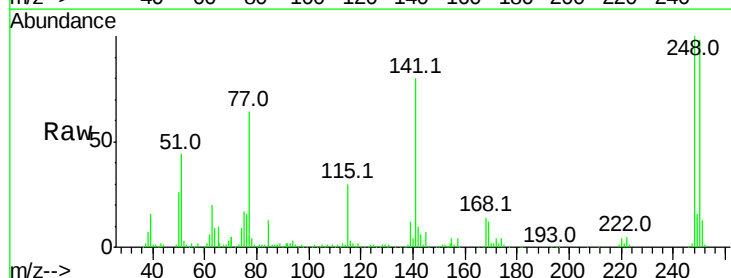
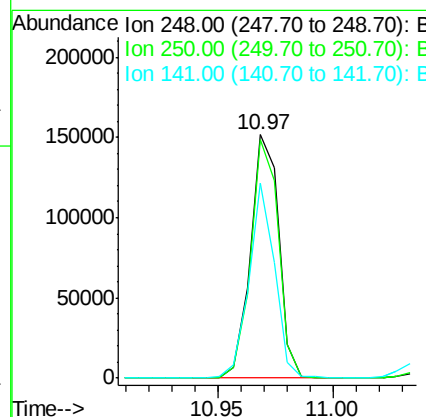
Manual Integrations
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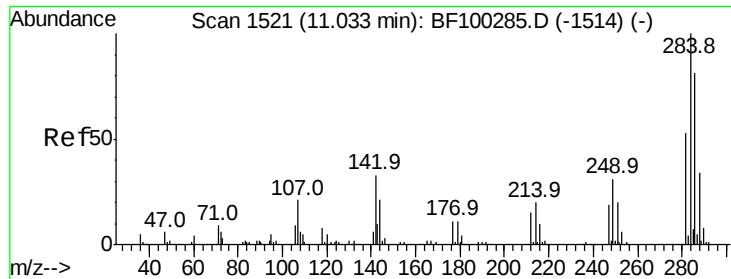
SOHIL
11/13/2017 4:54:09 PM



#66
4-Bromophenyl-phenylether
Concen: 31.113 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	129762		
250	97.8		76.9	115.3
141	79.9		74.4	111.6





#67

Hexachlorobenzene

Concen: 29.159 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

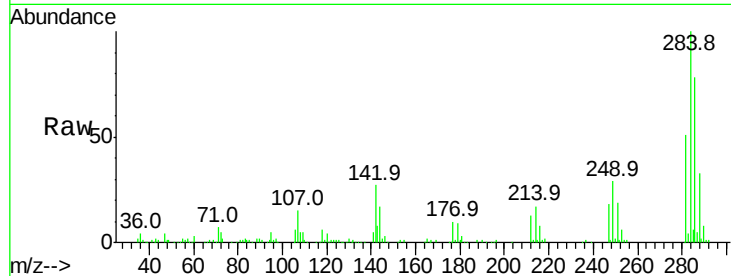
ClientSampleId :

TP-13-A-13-BMS

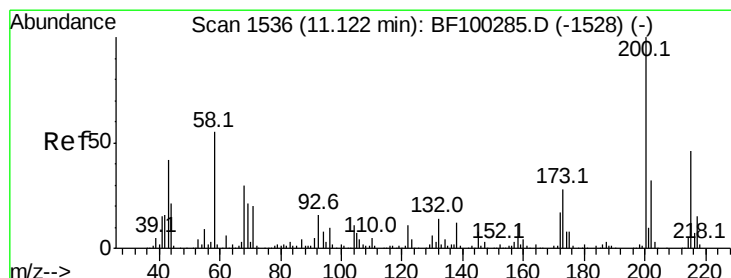
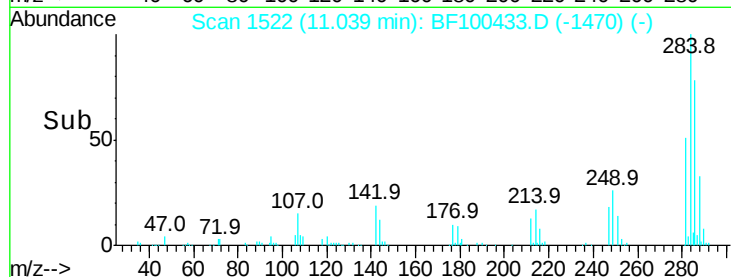
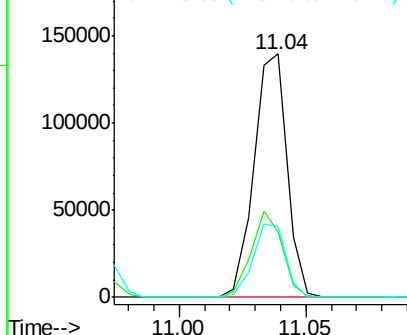
Tot Ion:	284	Resp:	127189
Ion Ratio	Lower	Upper	
284	100		
142	27.1	34.6	52.0#
249	29.2	24.8	37.2

Manual Integrations
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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: 29.643 ng

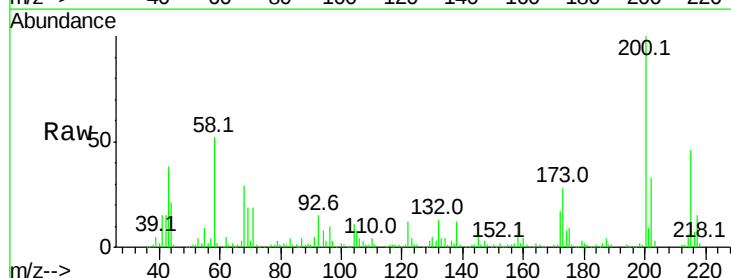
RT: 11.12 min Scan# 1536

Delta R.T. -0.01 min

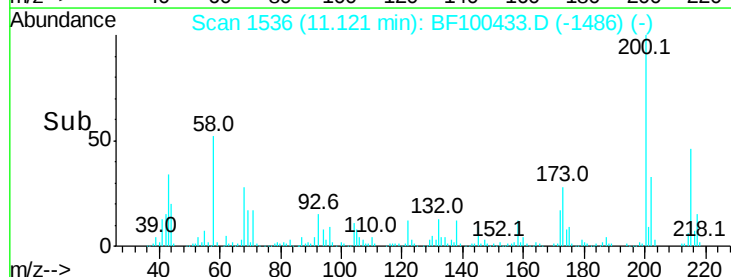
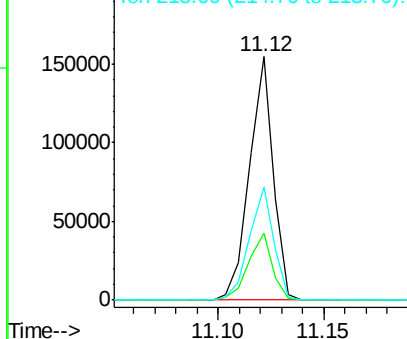
Lab File: BF100433.D

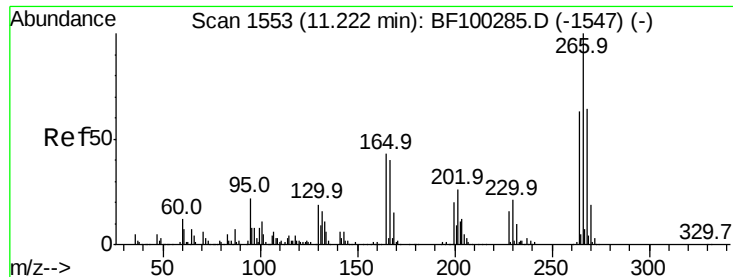
Acq: 11 Nov 2017 11:54

Tgt Ion:	200	Resp:	121385
Ion Ratio	Lower	Upper	
200	100		
173	27.6	8.6	48.6
215	46.4	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





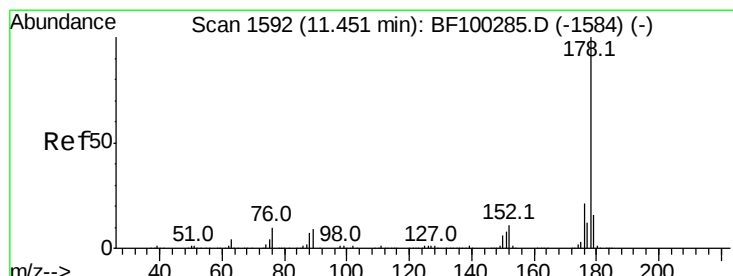
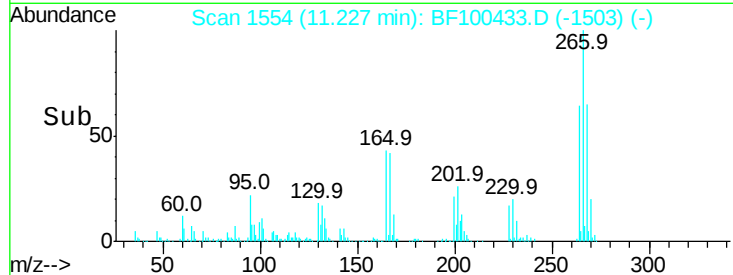
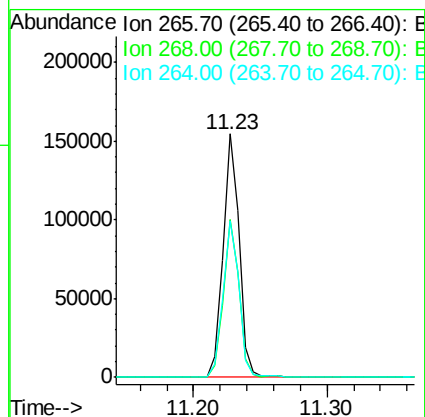
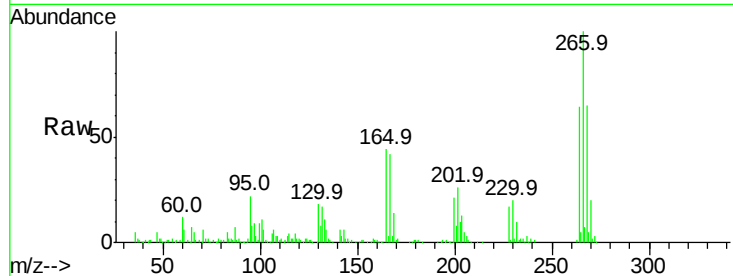
#69
 Pentachlorophenol
 Concen: 42.560 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	133118		
268	65.0		51.1	76.7
264	64.1		49.5	74.3

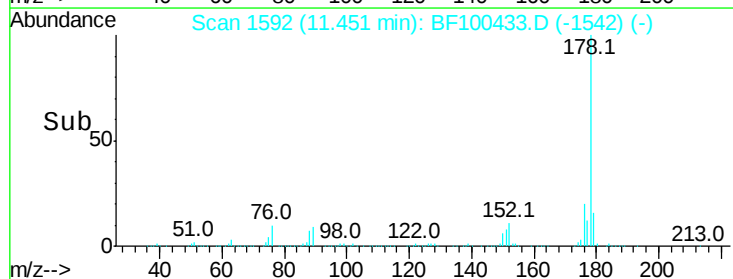
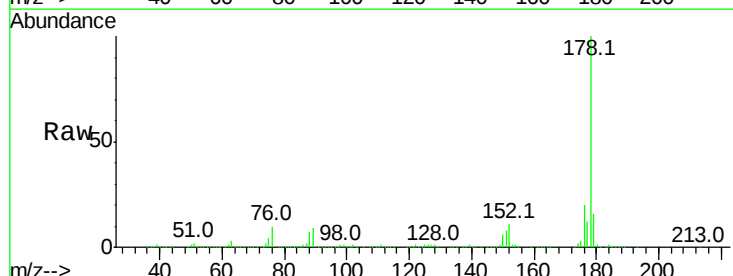
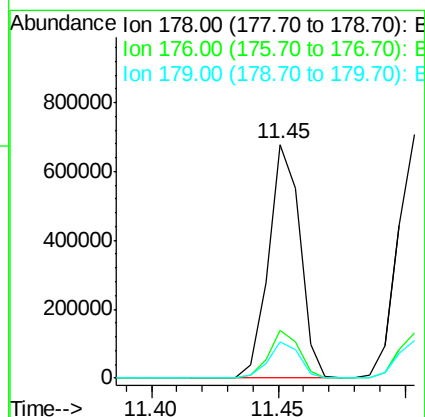
Manual Integrations
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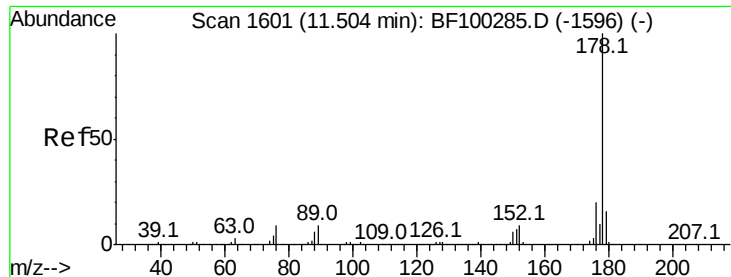
SOHIL
 11/13/2017 4:54:09 PM



#70
 Phenanthrene
 Concen: 28.465 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	583088		
176	20.4		15.8	23.8
179	15.8		13.0	19.6





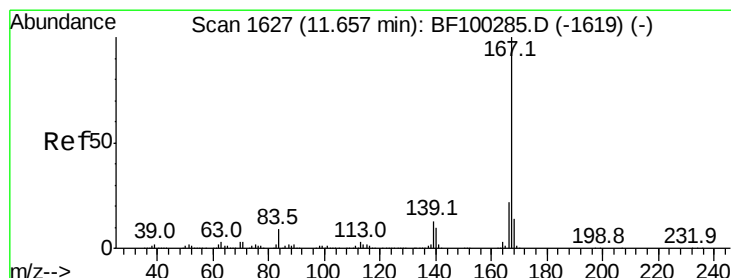
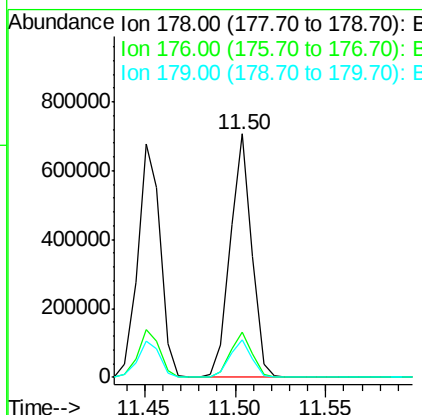
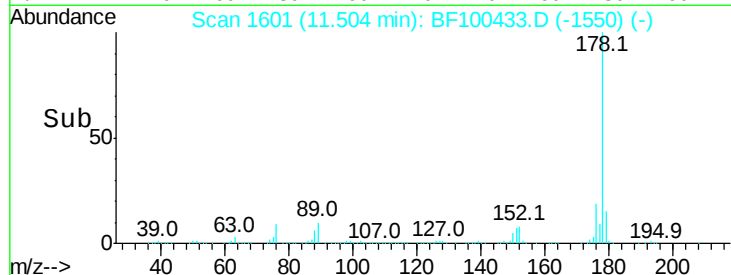
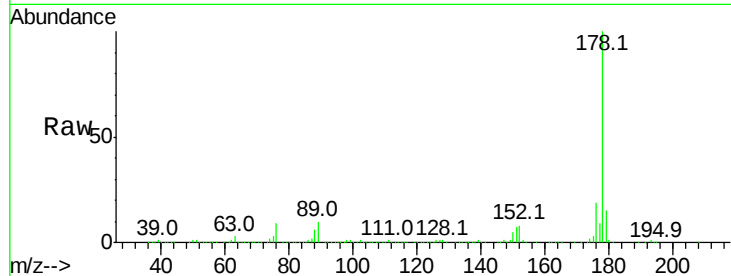
#71
 Anthracene
 Concen: 28.008 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.4	12.6	19.0

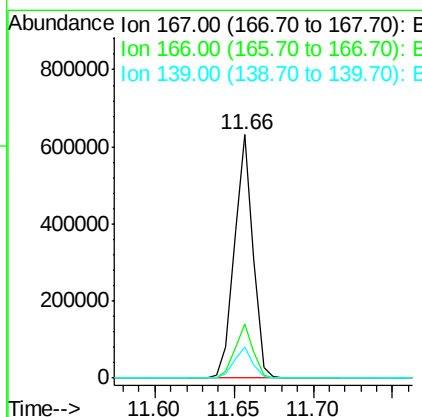
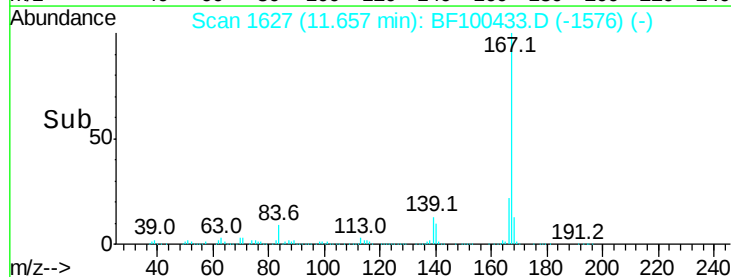
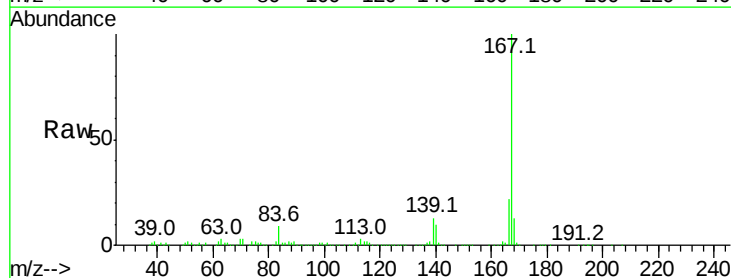
Manual Integrations
 APPROVED

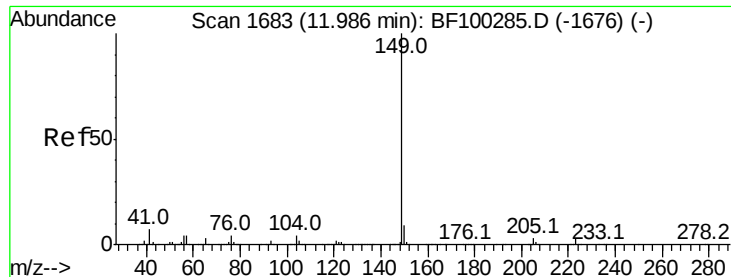
SOHIL
 11/13/2017 4:54:09 PM



#72
 Carbazole
 Concen: 26.718 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.5	10.9	16.3





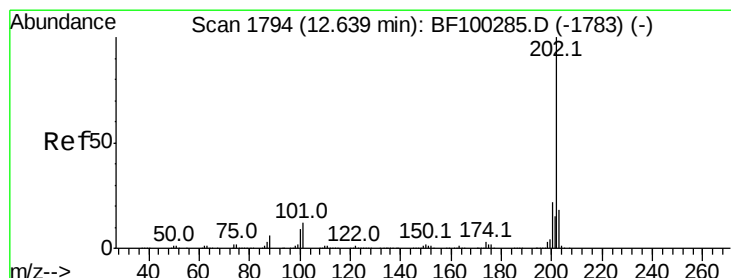
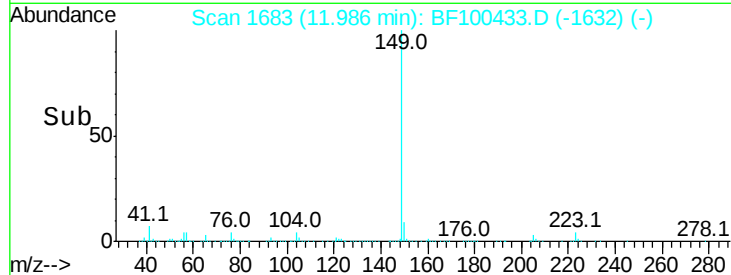
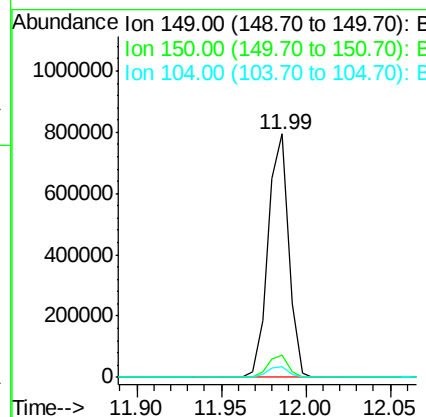
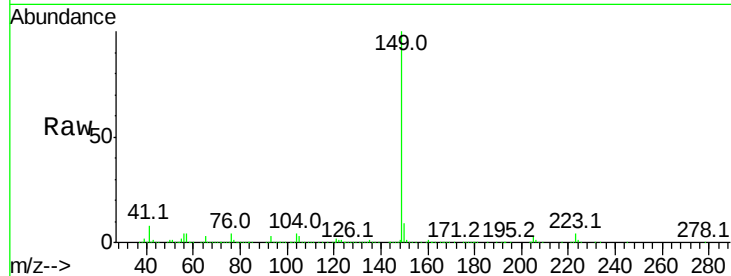
#73
Di-n-butylphthalate
Concen: 29.890 ng
RT: 11.99 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.8	11.6	
104	4.3	3.8	5.8	

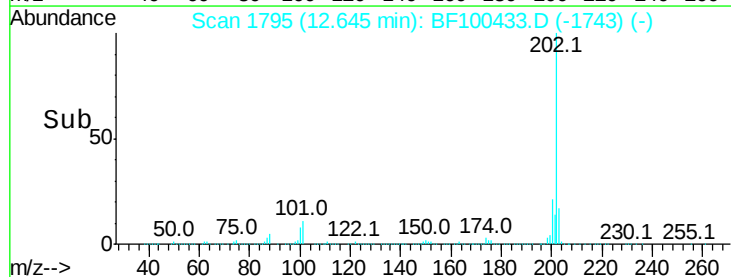
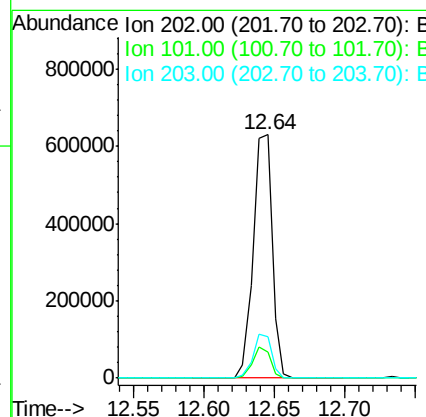
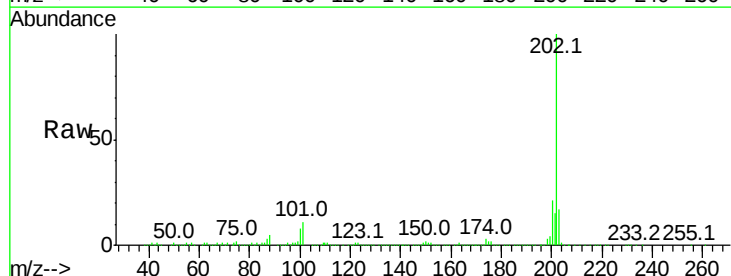
Manual Integrations
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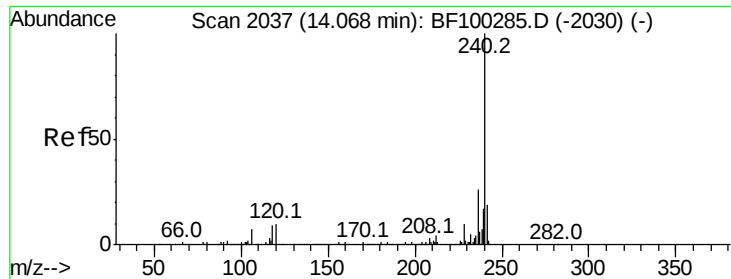
SOHIL
11/13/2017 4:54:09 PM



#74
Fluoranthene
Concen: 27.588 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.5	0.0	34.1	
203	16.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

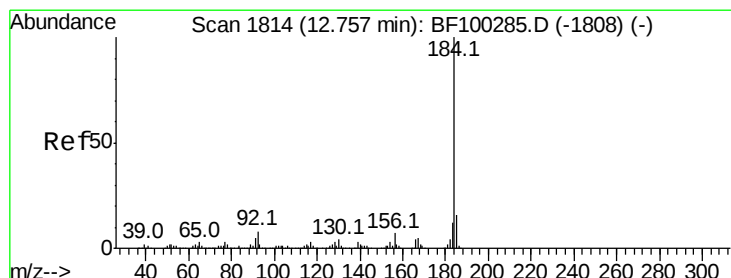
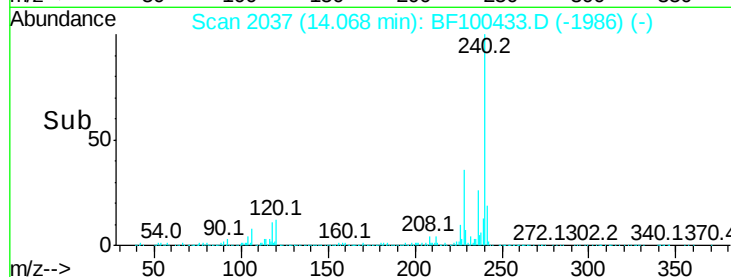
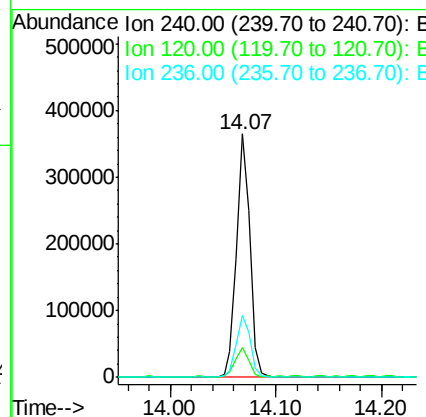
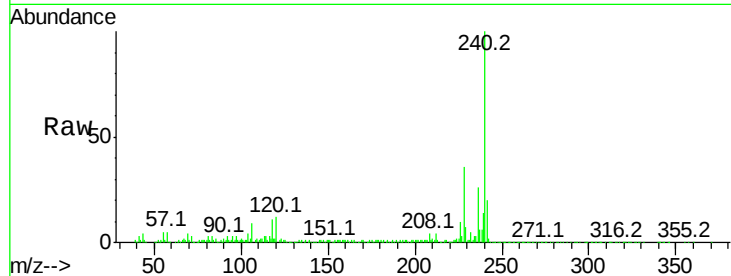
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:	240	Resp:	314851
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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11/13/2017 4:54:09 PM



#76

Benzidine

Concen: 17.576 ng

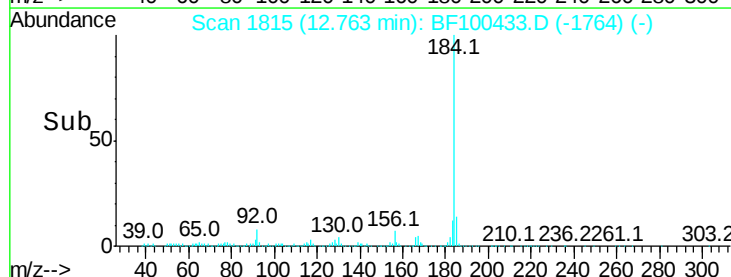
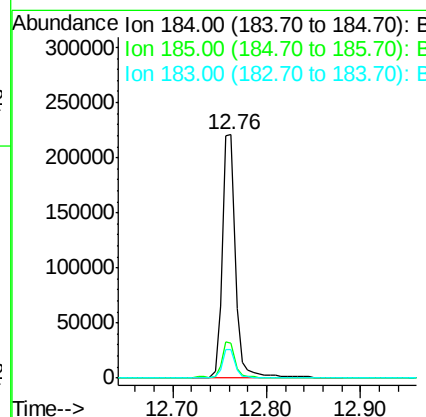
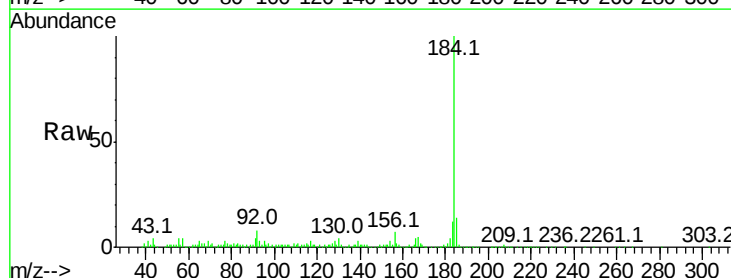
RT: 12.76 min Scan# 1815

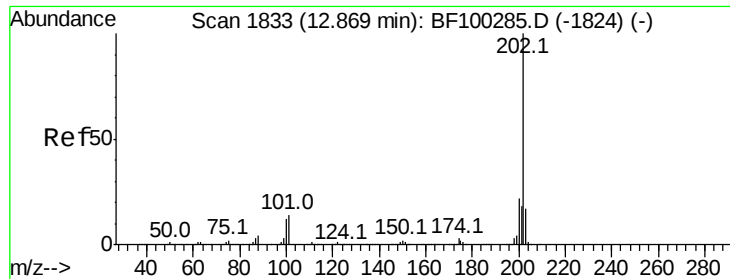
Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:	184	Resp:	221615
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.6	9.3	13.9





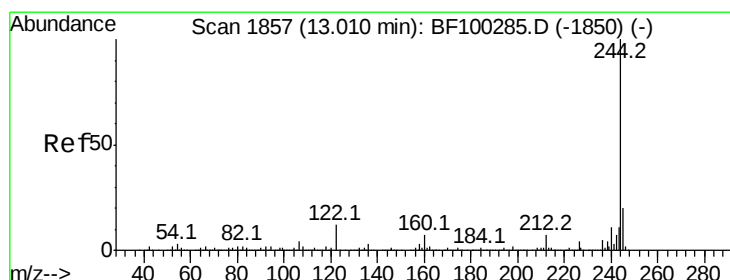
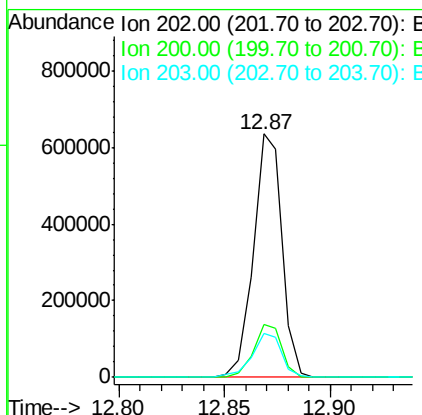
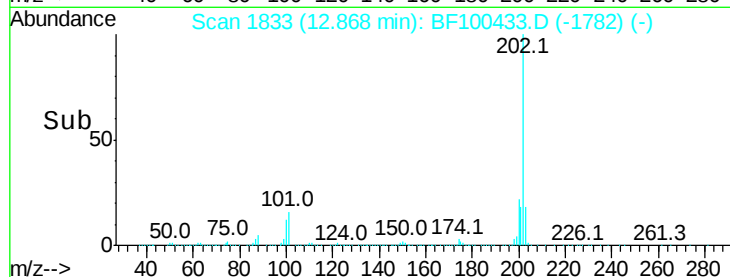
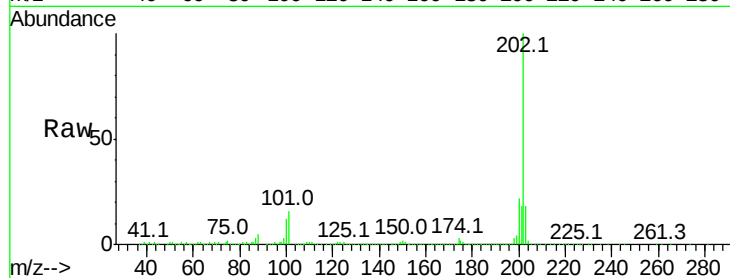
#77
Pvrene
Concen: 26.611 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.1	14.3	21.5

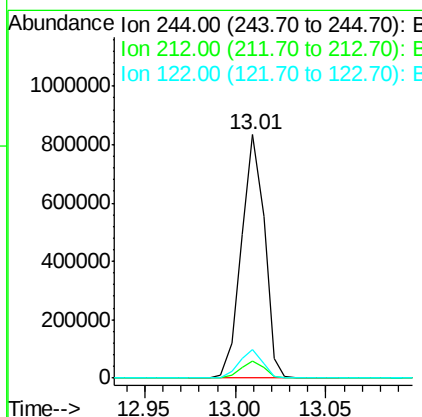
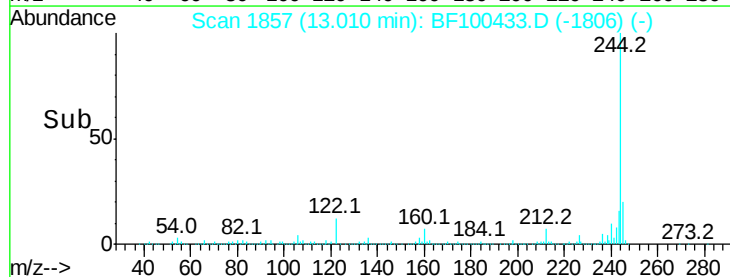
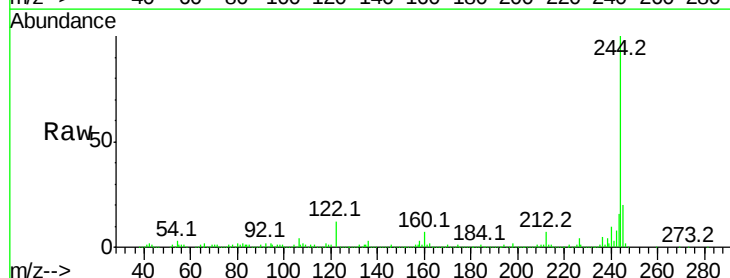
Manual Integrations
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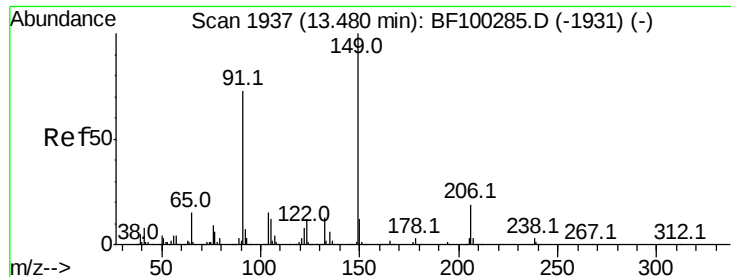
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#78
Terphenyl-d14
Concen: 53.816 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.7	11.0	16.4





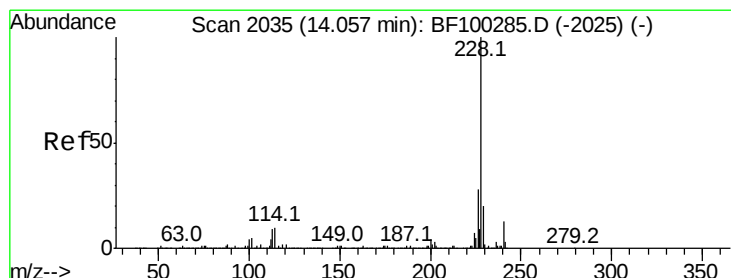
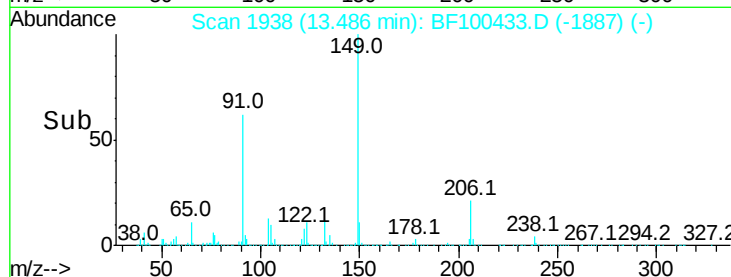
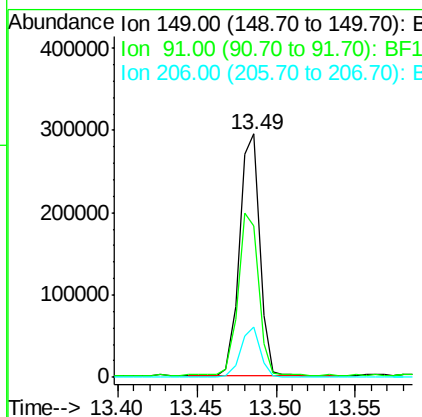
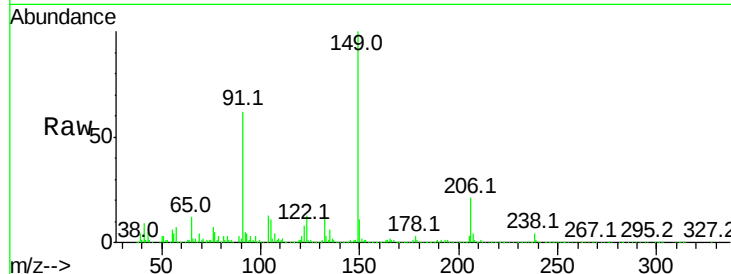
#79
Butylbenzylphthalate
Concen: 28.309 ng
RT: 13.49 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	62.1	56.8	85.2
206	20.7	14.1	21.1

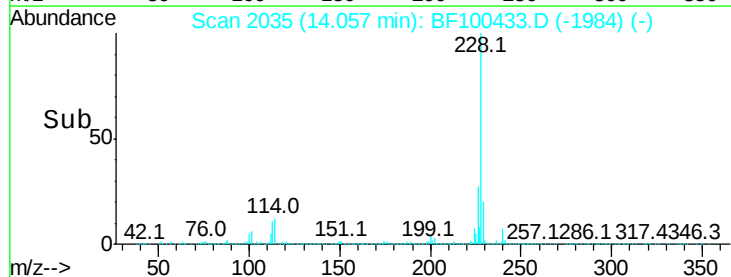
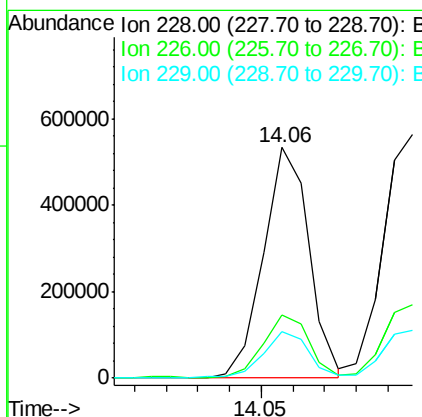
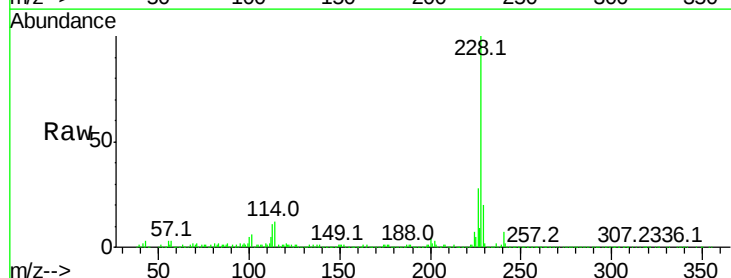
Manual Integrations
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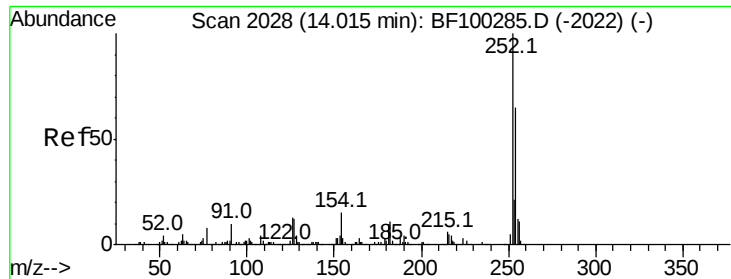
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11/13/2017 4:54:09 PM



#80
Benzo(a)anthracene
Concen: 28.011 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.2	15.8	23.6





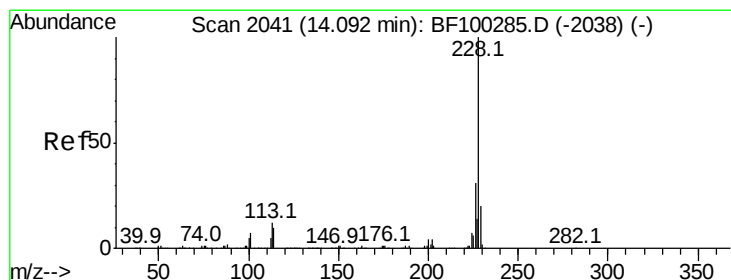
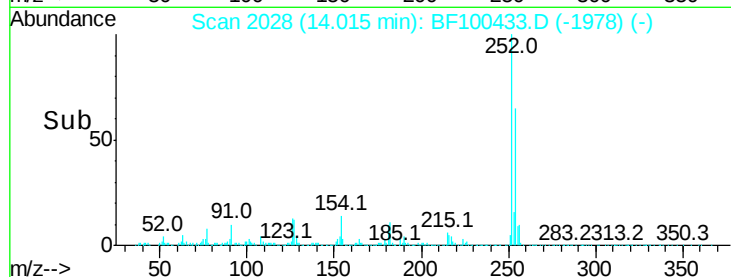
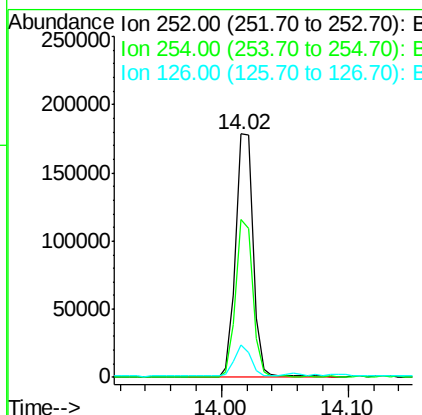
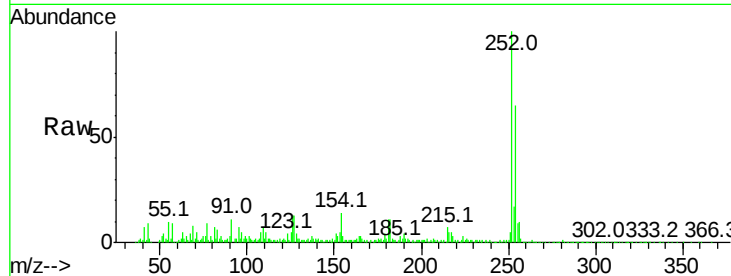
#81
 3,3'-Dichlorobenzidine
 Concen: 25.310 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	13.1	11.3	16.9

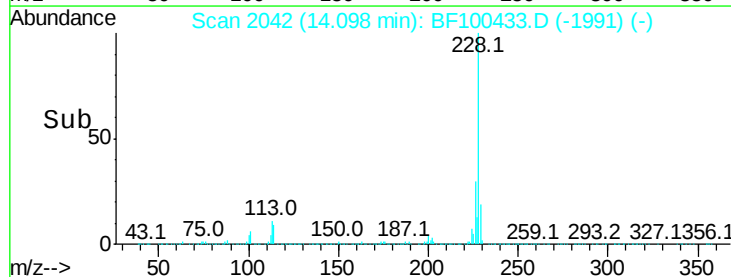
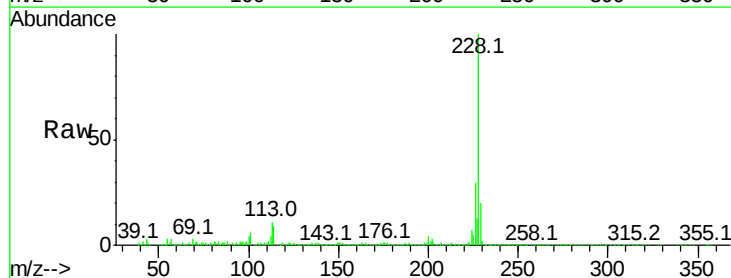
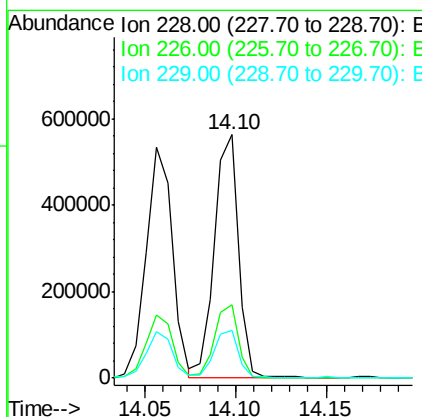
Manual Integrations
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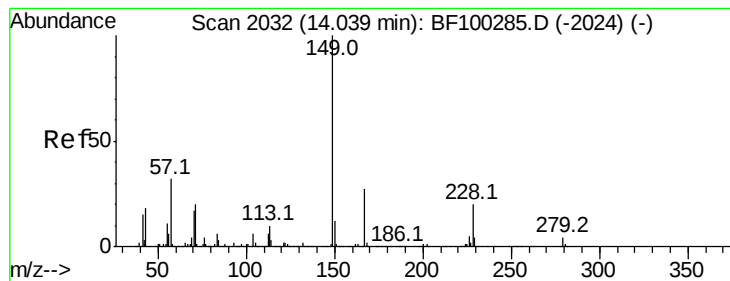
SOHIL
 11/13/2017 4:54:09 PM



#82
 Chrysene
 Concen: 28.067 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.063 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

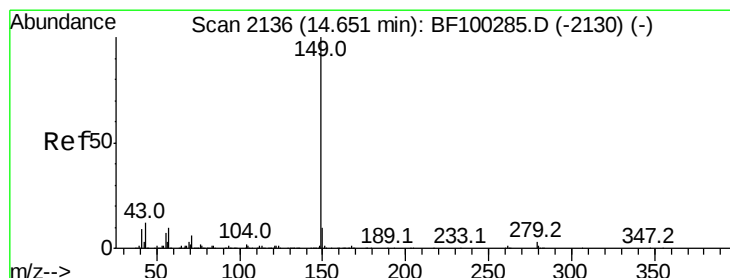
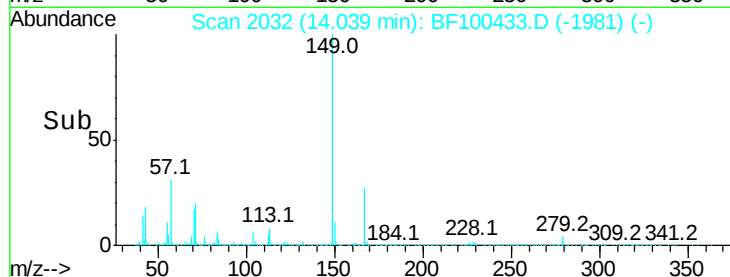
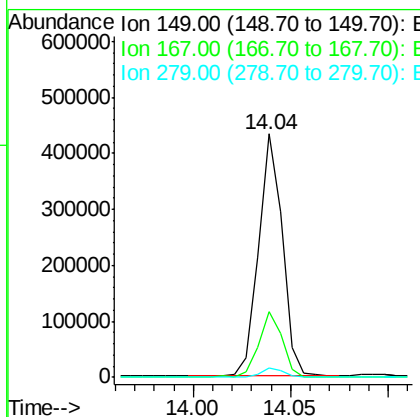
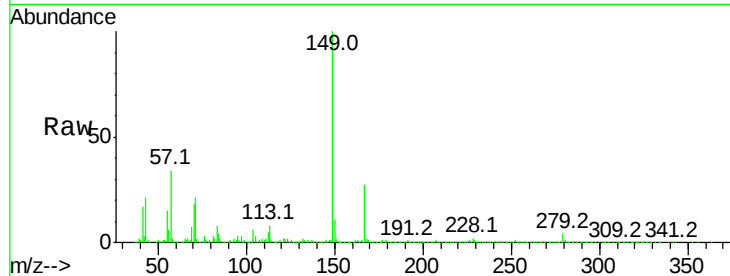
ClientSampleId :

TP-13-A-13-BMS

Tot Ion:	149	Resp:	361901
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.6	3.0	4.4

Manual Integrations
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11/13/2017 4:54:09 PM



#84

Di-n-octyl phthalate

Concen: 30.710 ng

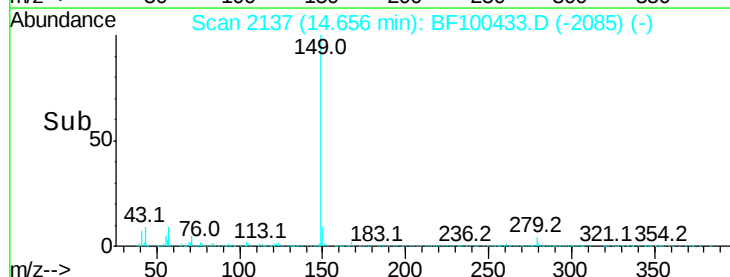
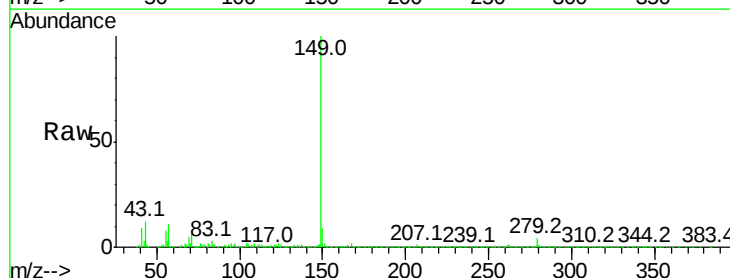
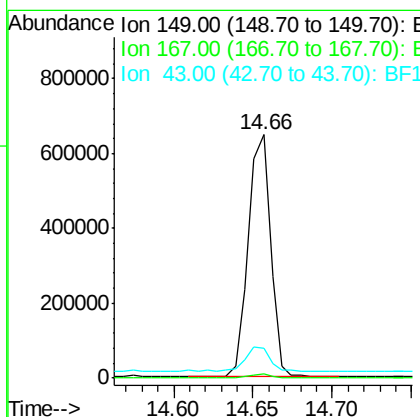
RT: 14.66 min Scan# 2137

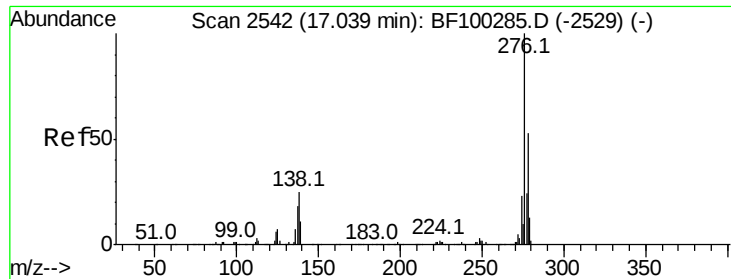
Delta R.T. 0.01 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Tgt Ion:	149	Resp:	635105
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.7	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.712 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

Instrument :

BNA_F

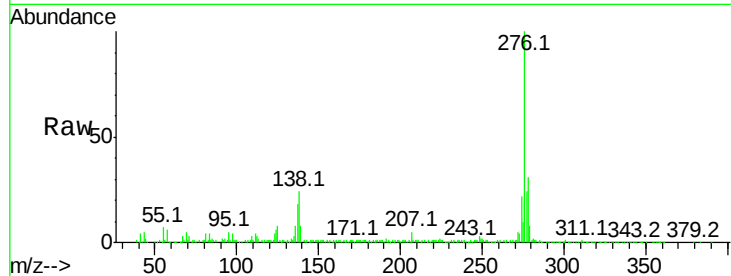
ClientSampleId :

TP-13-A-13-BMS

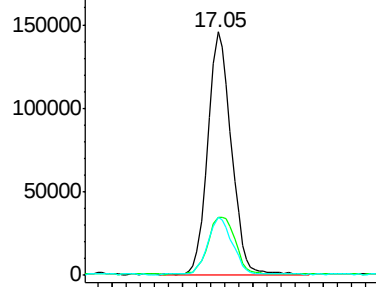
Tot Ion:	276	Resp:	337293
Ion Ratio	Lower	Upper	
276	100		
138	26.9	25.0	37.6
277	24.1	20.1	30.1

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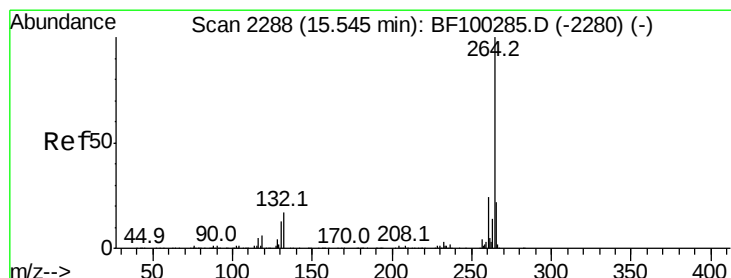
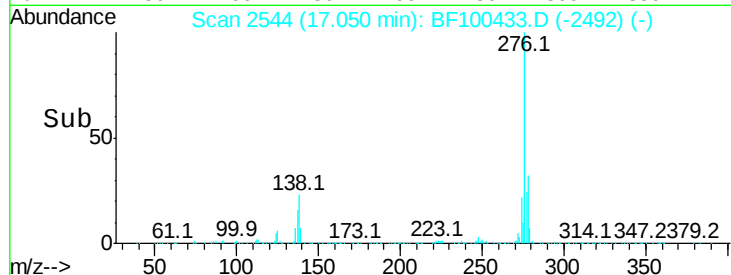
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time--> 16.90 17.00 17.10 17.20



#86

Perylene-d12

Concen: 20.000 ng

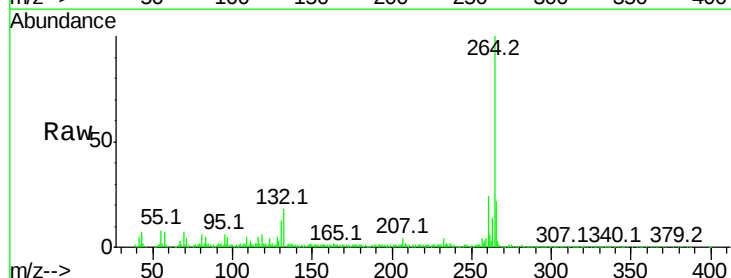
RT: 15.56 min Scan# 2290

Delta R.T. 0.01 min

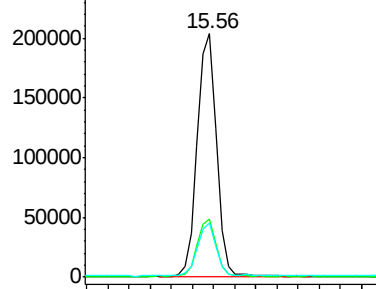
Lab File: BF100433.D

Acq: 11 Nov 2017 11:54

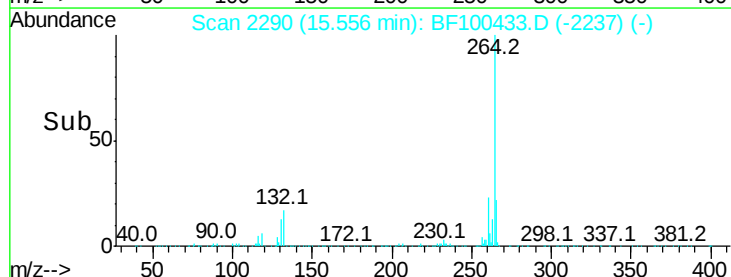
Tgt Ion:	264	Resp:	255815
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	22.2	17.5	26.3

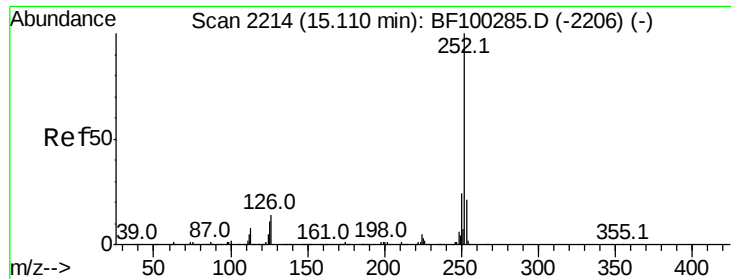


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 15.50 15.60





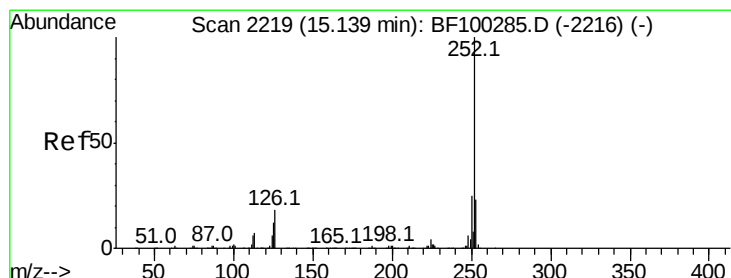
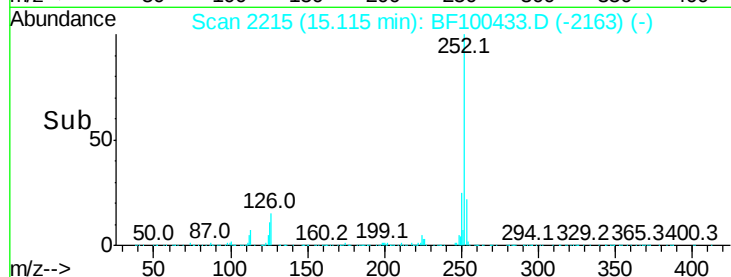
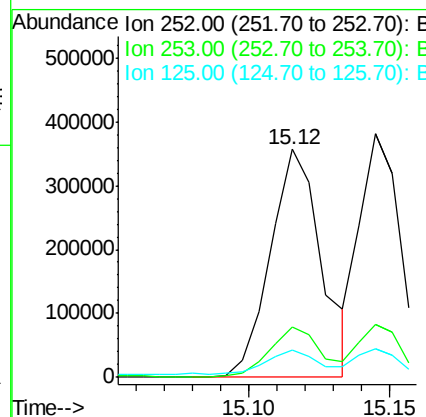
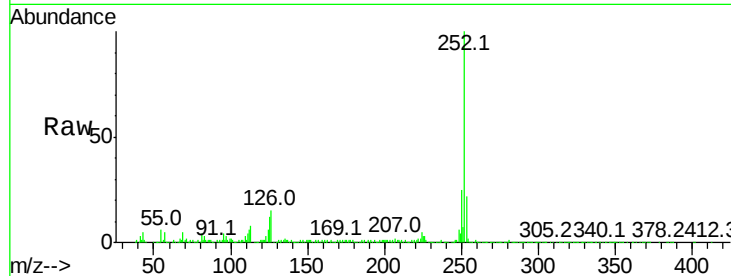
#87
Benzo(b)fluoranthene
Concen: 29.555 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.0	9.0	13.6

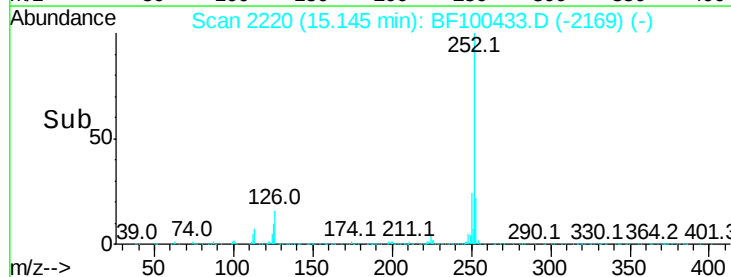
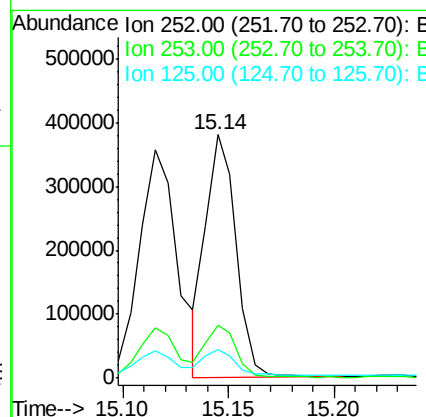
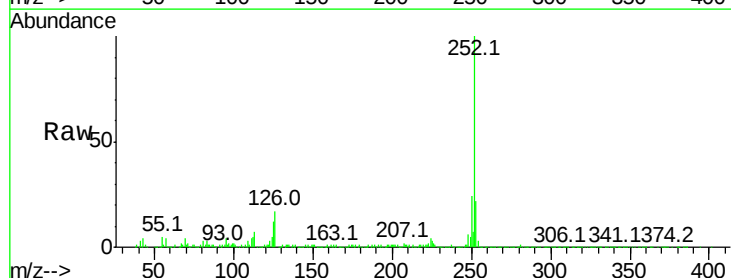
Manual Integrations
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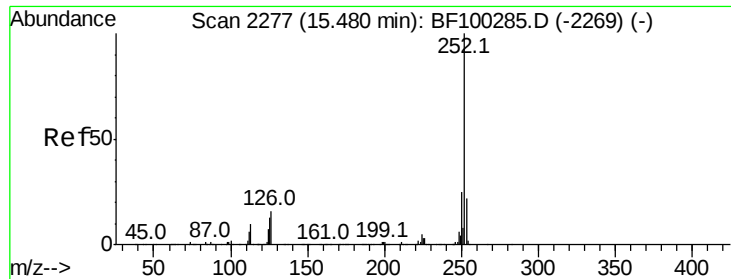
SOHIL
11/13/2017 4:54:09 PM



#88
Benzo(k)fluoranthene
Concen: 26.425 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.9	10.2	15.2





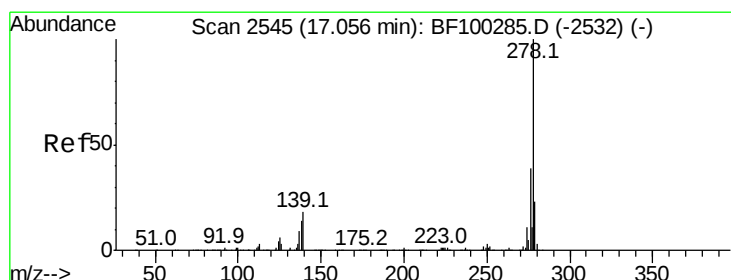
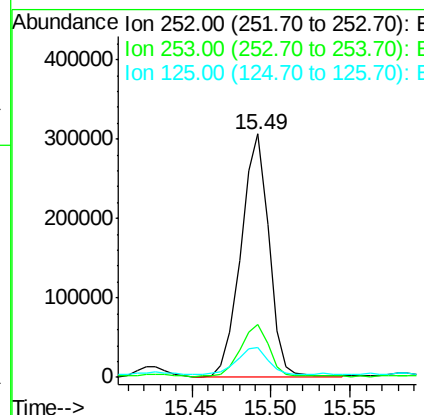
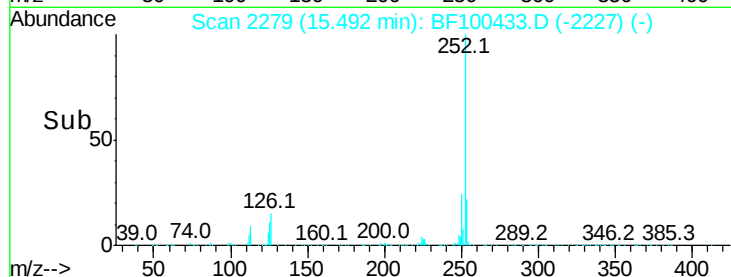
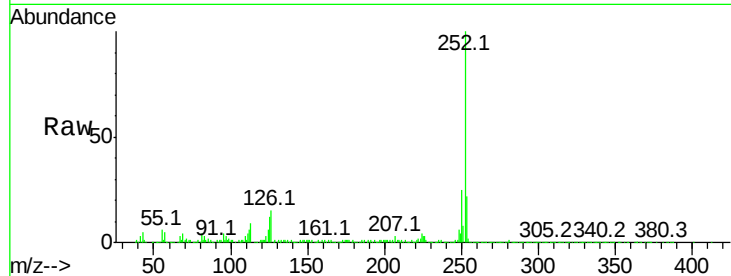
#89
Benzo(a)pyrene
Concen: 27.747 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Instrument :
BNA_F
ClientSampleId :
TP-13-A-13-BMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	12.1	9.8	14.6

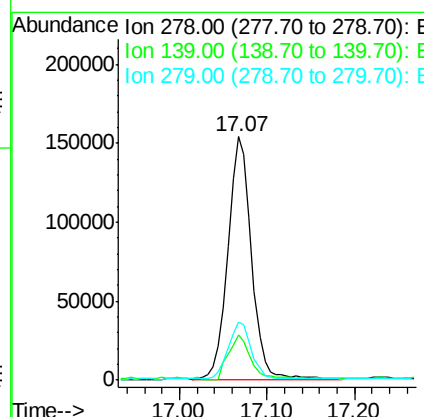
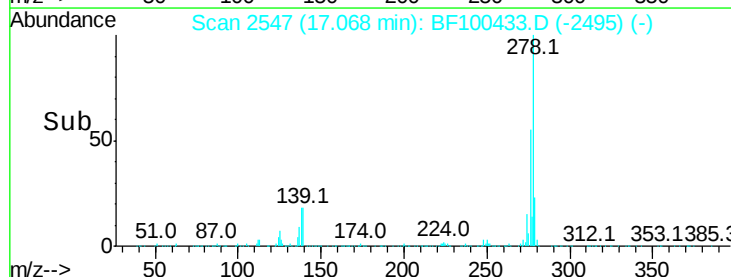
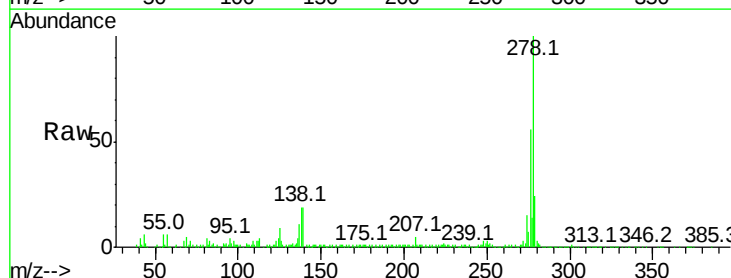
Manual Integrations
APPROVED

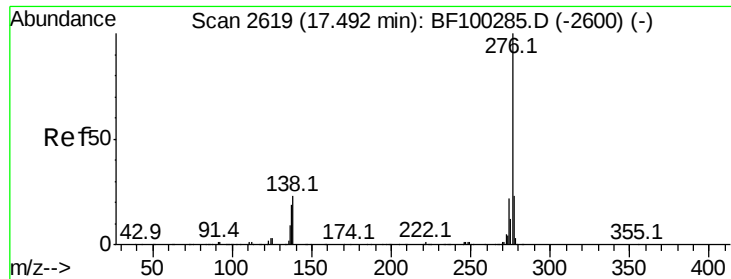
SOHIL
11/13/2017 4:54:09 PM



#90
Dibenzo(a,h)anthracene
Concen: 25.865 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF100433.D
Acq: 11 Nov 2017 11:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.9	23.9
279	23.7	19.0	28.4





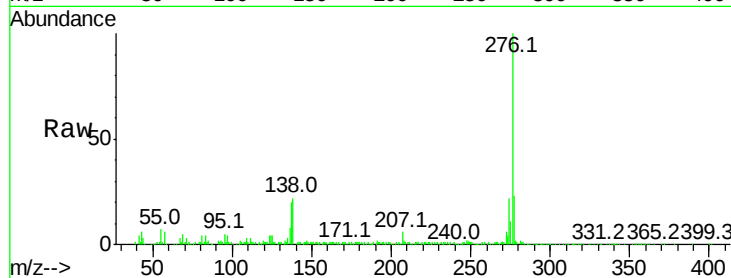
#91
 Benzo(a,h,i)perylene
 Concen: 25.197 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF100433.D
 Acq: 11 Nov 2017 11:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-A-13-BMS

Tot Ion:	276	Resp:	271025
Ion Ratio		Lower	Upper
276	100		
277	23.2	17.9	26.9
138	22.4	21.8	32.8

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:54:09 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

