

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100434.D
 Acq On : 11 Nov 2017 12:21
 Operator : SJ/JU
 Sample : I6399-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Nov 13 02:32:10 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	152491	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	568926	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	220825	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	353473	20.00	ng	0.00
75) Chrysene-d12	14.07	240	293579	20.00	ng	0.00
86) Perylene-d12	15.56	264	229435	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1040780	109.41	ng	0.02
7) Phenol-d6	6.54	99	1266439	107.96	ng	0.01
23) Nitrobenzene-d5	7.47	82	802641	93.27	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	226997	100.88	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1242994	85.71	ng	0.00
78) Terphenyl-d14	13.01	244	913484	71.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	157475	33.968	ng	96
3) Pyridine	3.52	79	451956	35.733	ng	97
4) n-Nitrosodimethylamine	3.47	42	231002	37.617	ng	96
6) Aniline	6.57	93	368749	22.250	ng	100
8) 2-Chlorophenol	6.69	128	396845	39.433	ng	98
9) Benzaldehyde	6.46	77	217903	26.011	ng	97
10) Phenol	6.55	94	541806	43.997	ng	100
11) bis(2-Chloroethyl)ether	6.65	93	398318	38.508	ng	98
12) 1,3-Dichlorobenzene	6.85	146	449611	38.750	ng	99
13) 1,4-Dichlorobenzene	6.92	146	454482	38.701	ng	99
14) 1,2-Dichlorobenzene	7.08	146	416913	38.398	ng	95
15) Benzyl Alcohol	7.05	79	353136	38.572	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	717442	43.366	ng	98
17) 2-Methylphenol	7.15	107	338005	39.302	ng	99
18) Hexachloroethane	7.42	117	132692	34.270	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	278209	34.198	ng	91
20) 3+4-Methylphenols	7.30	107	401418	36.885	ng	# 91
22) Acetophenone	7.32	105	521565	37.595	ng	# 96
24) Nitrobenzene	7.49	77	422514	47.704	ng	99
25) Isophorone	7.73	82	756513	41.835	ng	100
26) 2-Nitrophenol	7.80	139	195050	47.085	ng	95
27) 2,4-Dimethylphenol	7.83	122	362642	44.735	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	489666	41.397	ng	98
29) 2,4-Dichlorophenol	8.04	162	321040	41.485	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	337070	40.266	ng	94
31) Naphthalene	8.21	128	1086940	39.666	ng	100
32) Benzoic acid	7.96	122	6305m	10.188	ng	
33) 4-Chloroaniline	8.26	127	218475	19.154	ng	99
34) Hexachlorobutadiene	8.32	225	194871	39.153	ng	99
35) Caprolactam	8.62	113	90497	34.075	ng	# 89
36) 4-Chloro-3-methylphenol	8.73	107	311530	37.482	ng	99
37) 2-Methylnaphthalene	8.90	142	692832	38.083	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	314406	42.930	ng	97
40) Hexachlorocyclopentadiene	9.05	237	42477	12.323	ng	96

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
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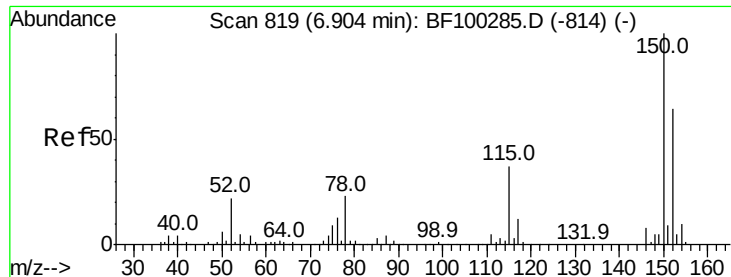
Manual Integrations
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 11/13/2017 4:54:13 PM

Quant Time: Nov 13 02:32:10 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)
42) 2,4,6-Trichlorophenol	9.17	196	210697	45.393	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	206671	42.975	ng	93
45) 1,1'-Biphenyl	9.36	154	795192	41.635	ng	99
46) 2-Chloronaphthalene	9.39	162	602356	43.474	ng	96
47) 2-Nitroaniline	9.48	65	204290	49.788	ng	90
48) Acenaphthylene	9.80	152	886960	38.627	ng	99
49) Dimethylphthalate	9.66	163	795699	47.194	ng	100
50) 2,6-Dinitrotoluene	9.72	165	146878	44.010	ng	98
51) Acenaphthene	9.98	154	516981	37.020	ng	100
52) 3-Nitroaniline	9.89	138	145608	36.947	ng	97
53) 2,4-Dinitrophenol	9.99	184	9201	16.084	ng	# 43
54) Dibenzofuran	10.15	168	769147	39.296	ng	97
55) 4-Nitrophenol	10.05	139	221293	69.154	ng	97
56) 2,4-Dinitrotoluene	10.13	165	174058	41.341	ng	91
57) Fluorene	10.49	166	541878	37.792	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	154224	39.129	ng	# 87
59) Diethylphthalate	10.36	149	663845	39.345	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	279963	39.802	ng	93
61) 4-Nitroaniline	10.50	138	141416	37.843	ng	94
62) Azobenzene	10.64	77	588537	37.035	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	11456	13.843	ng	95
65) n-Nitrosodiphenylamine	10.60	169	529169	43.055	ng	95
66) 4-Bromophenyl-phenylether	10.97	248	168490	44.466	ng	# 84
67) Hexachlorobenzene	11.04	284	162816	41.084	ng	# 88
68) Atrazine	11.12	200	151544	40.733	ng	98
69) Pentachlorophenol	11.23	266	182761	64.314	ng	99
70) Phenanthrene	11.46	178	770885	41.421	ng	99
71) Anthracene	11.50	178	774723	41.030	ng	100
72) Carbazole	11.66	167	691341	39.682	ng	100
73) Di-n-butylphthalate	11.99	149	875459	42.940	ng	99
74) Fluoranthene	12.64	202	839254	42.550	ng	97
76) Benzidine	12.76	184	127571	10.850	ng	98
77) Pyrene	12.87	202	859966	41.093	ng	99
79) Butylbenzylphthalate	13.49	149	374512	43.882	ng	# 95
80) Benzo(a)anthracene	14.06	228	745274	42.155	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	205579	32.455	ng	97
82) Chrysene	14.10	228	696510	40.684	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	517012	46.059	ng	100
84) Di-n-octyl phthalate	14.66	149	887206	46.008	ng	98
85) Indeno(1,2,3-cd)pyrene	17.06	276	464358	33.534	ng	94
87) Benzo(b)fluoranthene	15.12	252	549315	40.412	ng	99
88) Benzo(k)fluoranthene	15.15	252	526409	40.987	ng	99
89) Benzo(a)pyrene	15.50	252	490910	40.738	ng	98
90) Dibenzo(a,h)anthracene	17.08	278	386871	39.256	ng	96
91) Benzo(g,h,i)perylene	17.52	276	375164	38.889	ng	96

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



#1

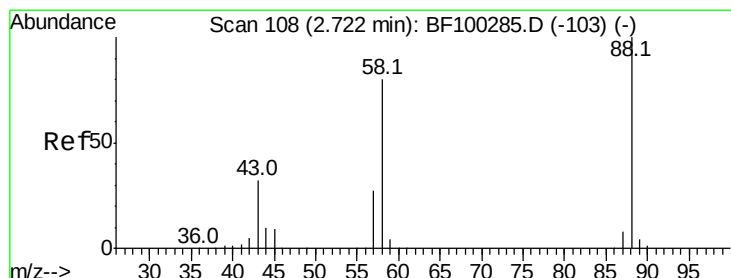
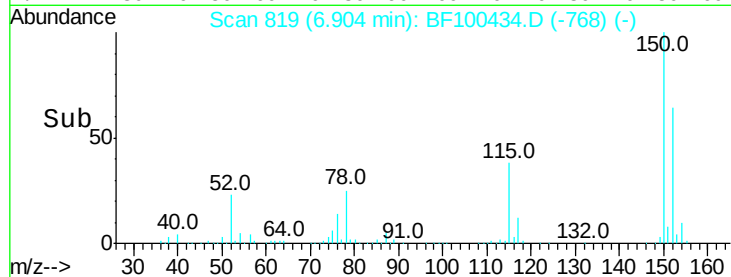
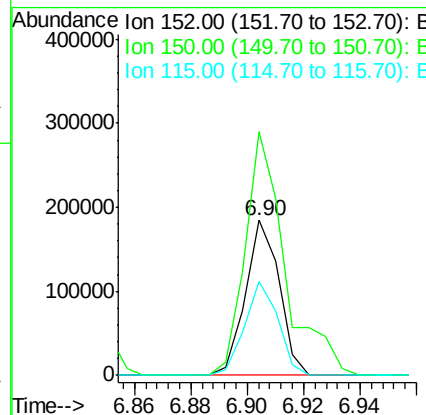
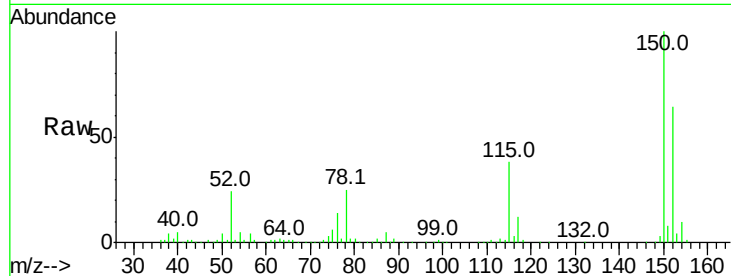
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Instrument :
BNA_F
ClientSampled :
TP-13-A-13-BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
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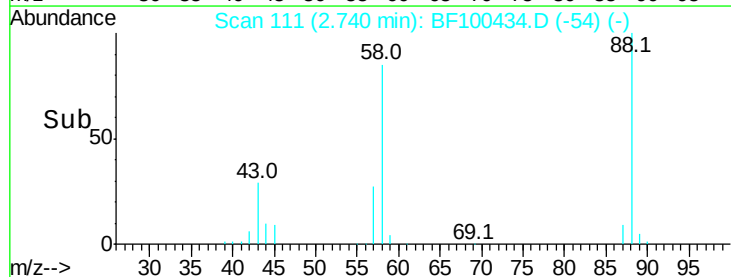
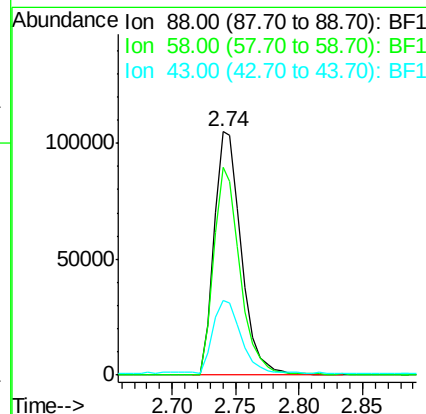
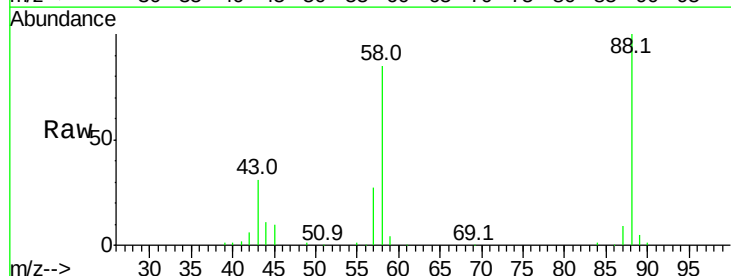
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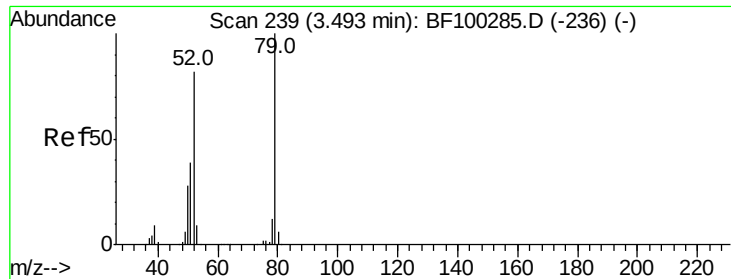


#2

1,4-Dioxane
Concen: 33.968 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.04 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	62.6	93.8
43	31.3	24.6	37.0





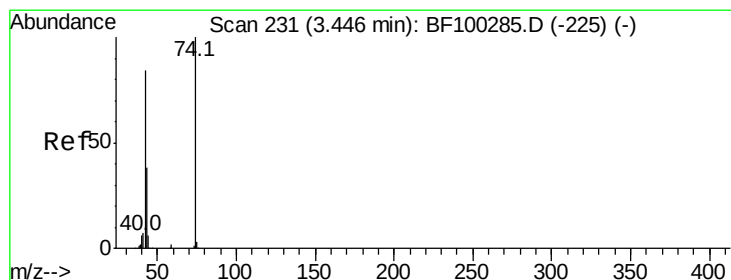
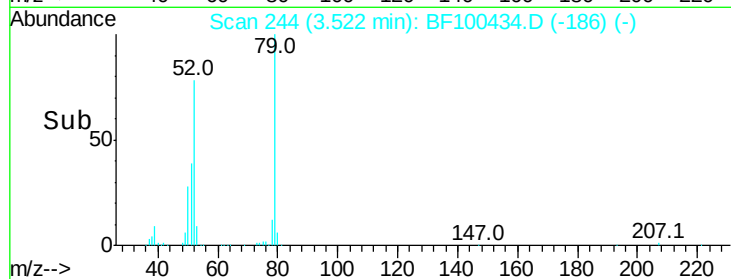
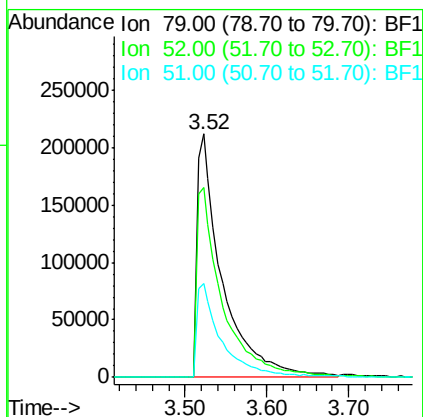
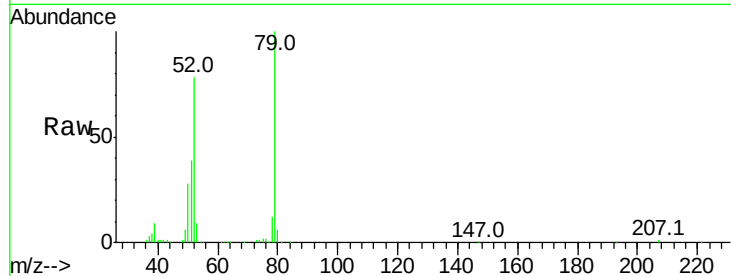
#3
 Pvridine
 Concen: 35.733 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.04 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.9	59.8	89.6
51	38.6	29.8	44.8

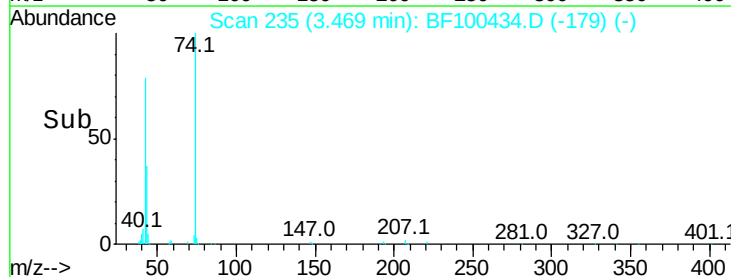
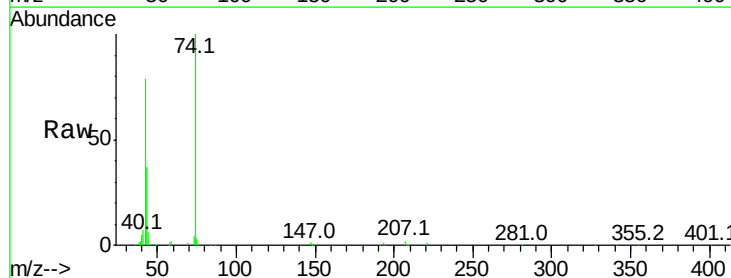
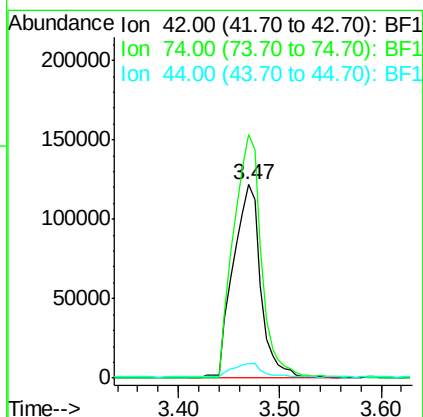
Manual Integrations
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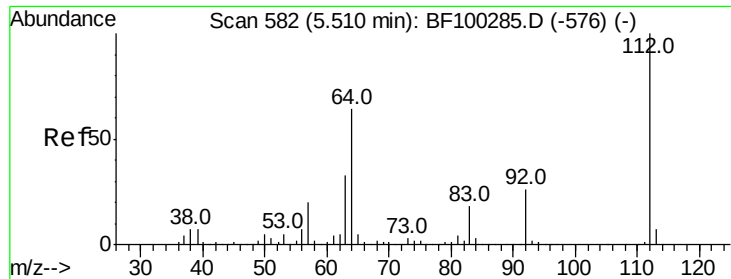
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#4
 n-Nitrosodimethylamine
 Concen: 37.617 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.03 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.0	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 109.407 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:112 Resp: 1040780

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

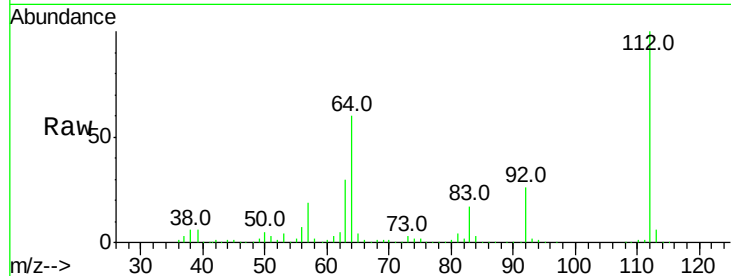
63 30.2 23.7 35.5

Manual Integrations

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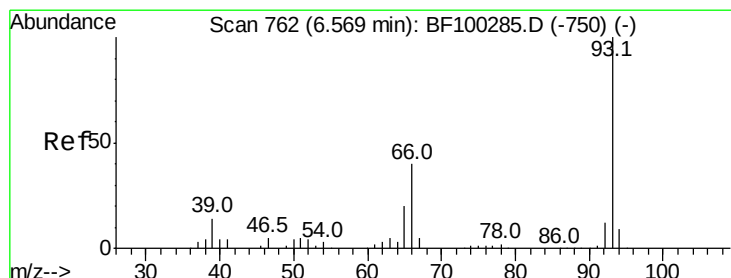
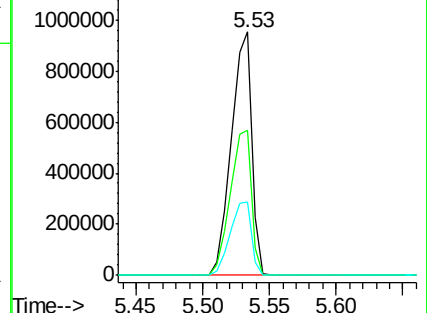
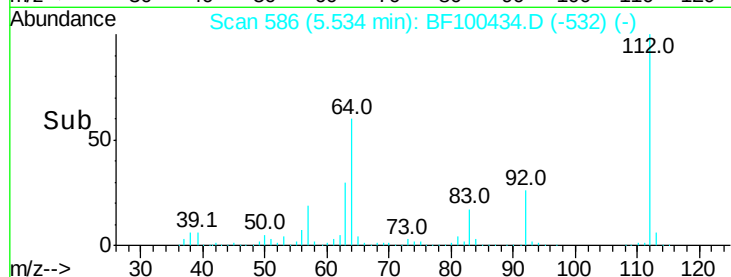
11/13/2017 4:54:13 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.250 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

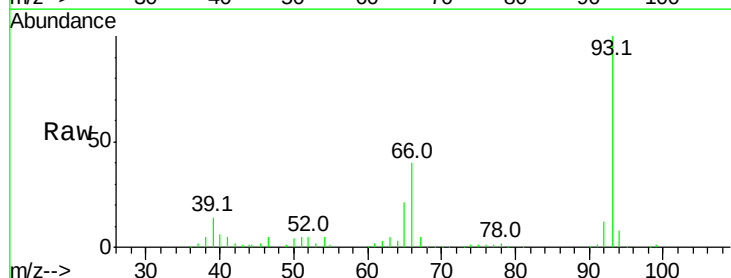
Tgt Ion: 93 Resp: 368749

Ion Ratio Lower Upper

93 100

66 40.1 32.2 48.2

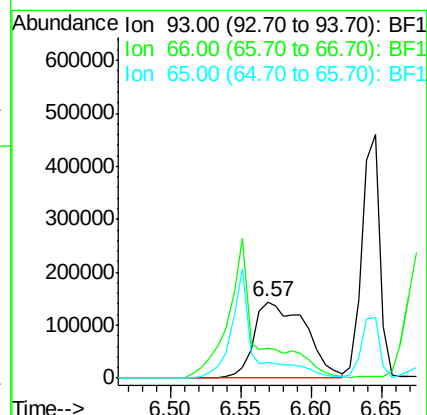
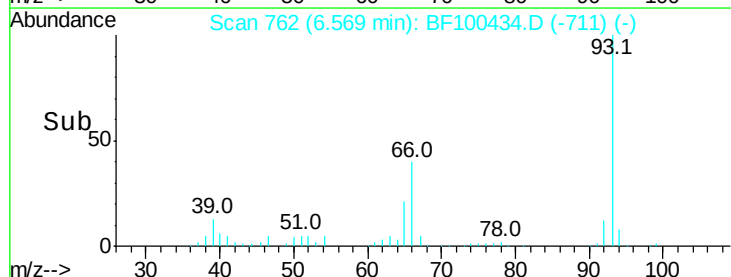
65 20.9 16.4 24.6

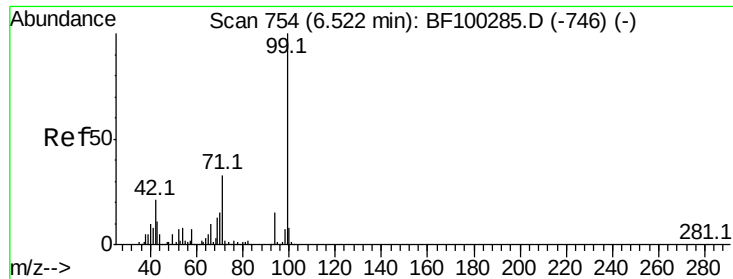


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.959 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

ClientSampleId :

TP-13-A-13-BMSD

Tot Ion: 99 Resp: 1266439

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

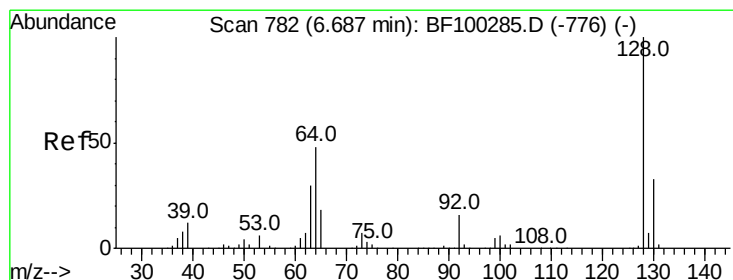
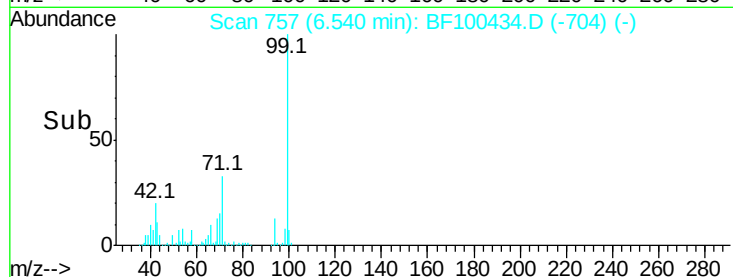
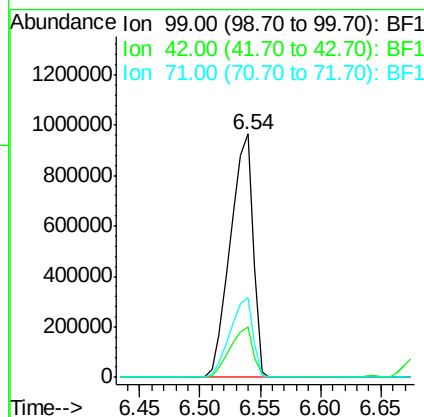
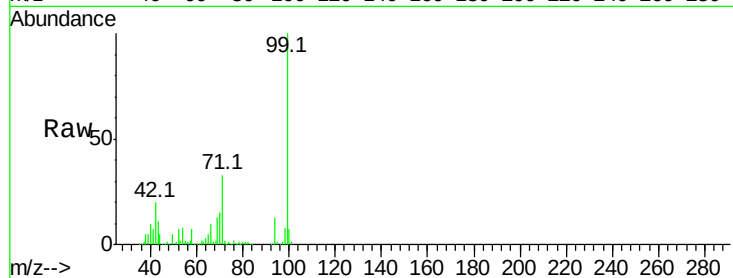
71 32.8 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.433 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

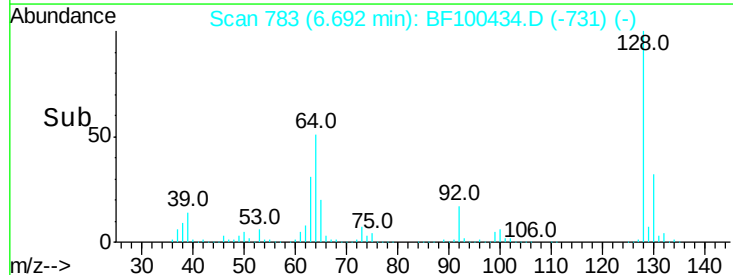
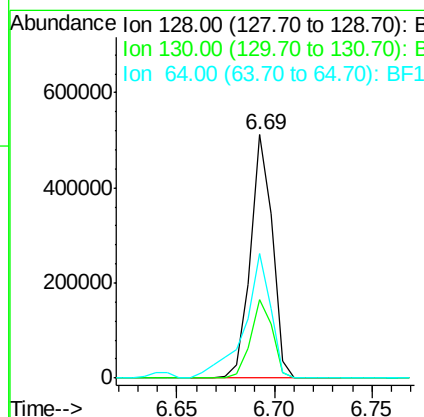
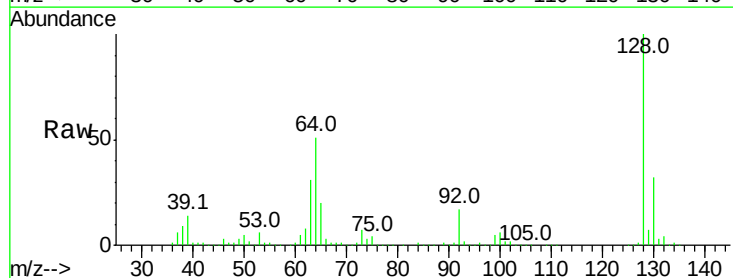
Tgt Ion: 128 Resp: 396845

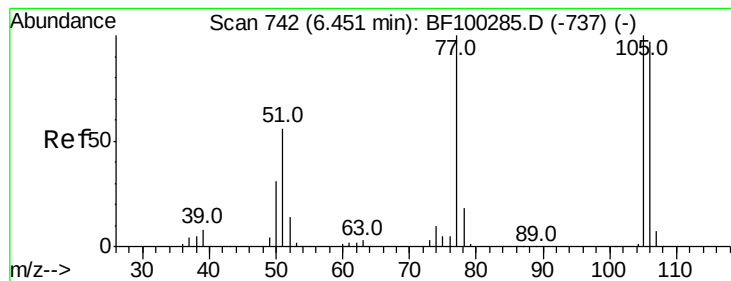
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 51.3 29.4 69.4





#9

Benzaldehyde

Concen: 26.011 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

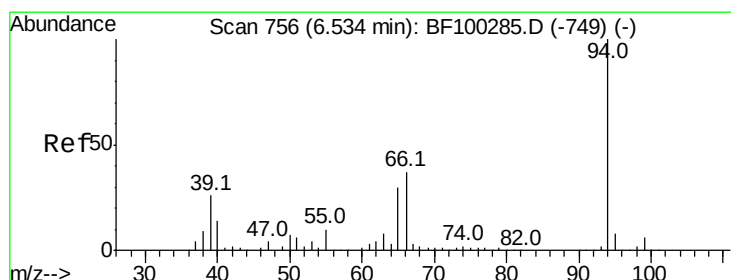
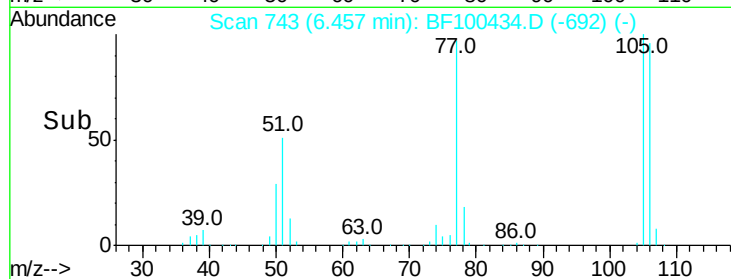
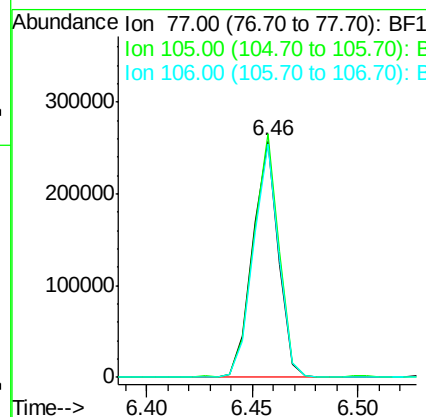
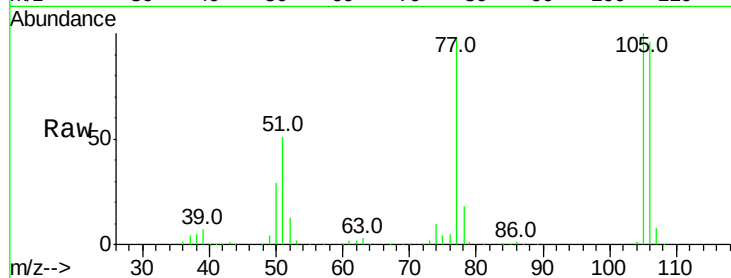
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.0	81.1	121.1
106	98.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 43.997 ng

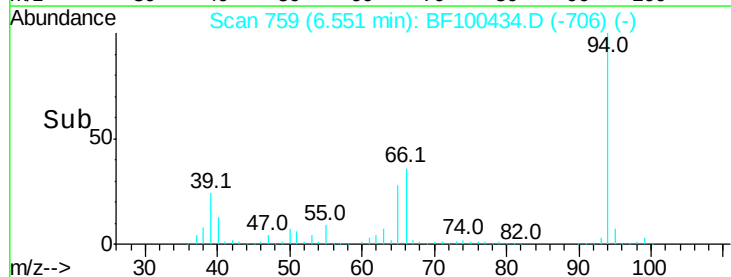
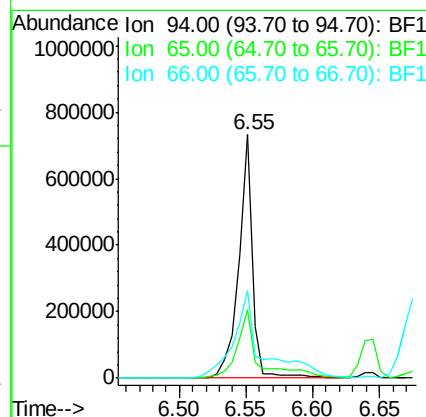
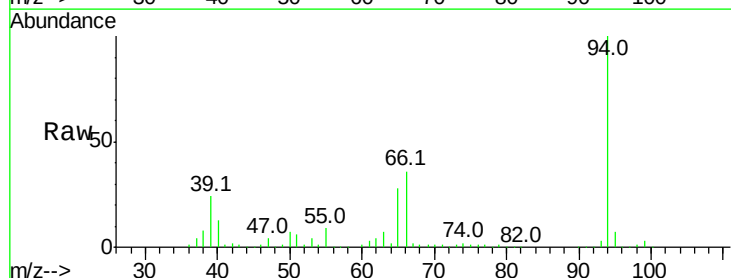
RT: 6.55 min Scan# 759

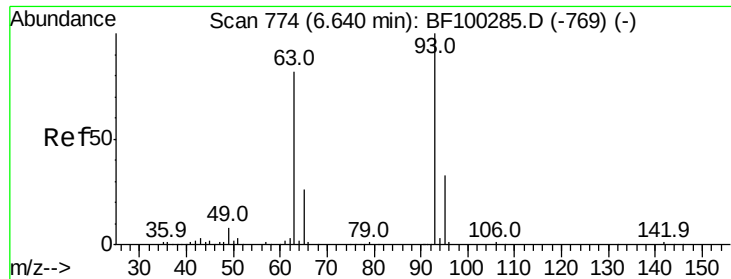
Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	36.0	16.2	56.2





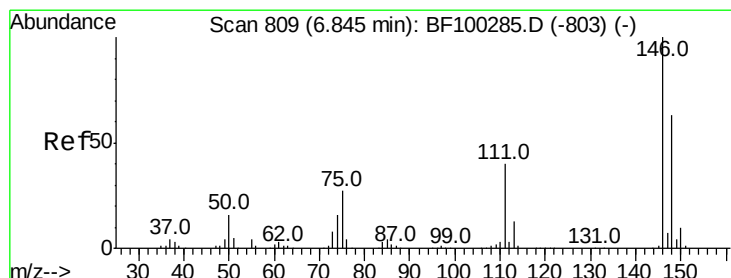
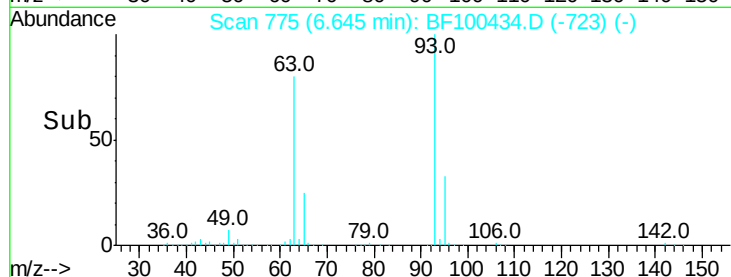
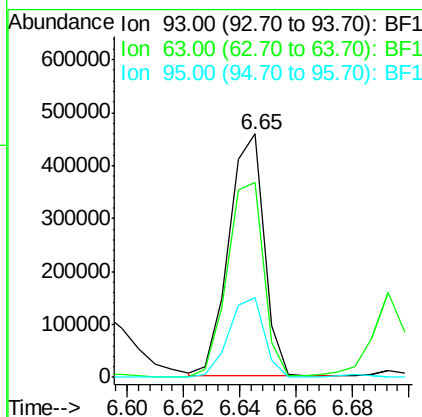
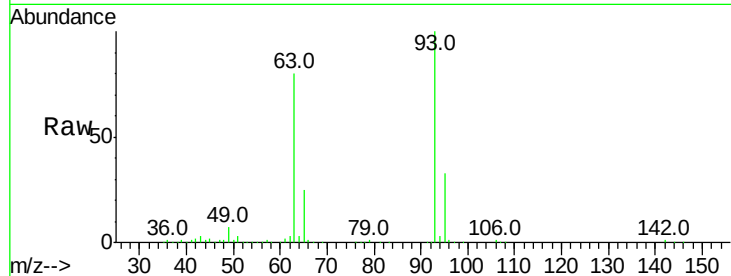
#11
bis(2-Chloroethyl)ether
Concen: 38.508 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.2	58.6	98.6
95	32.9	11.8	51.8

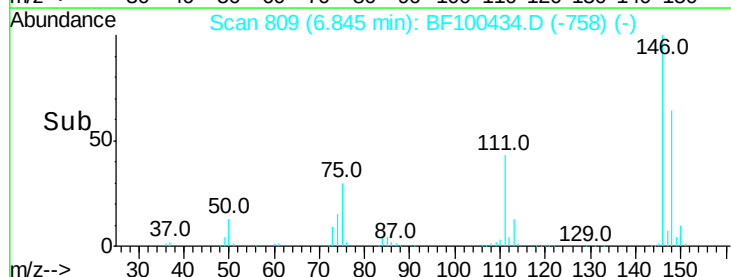
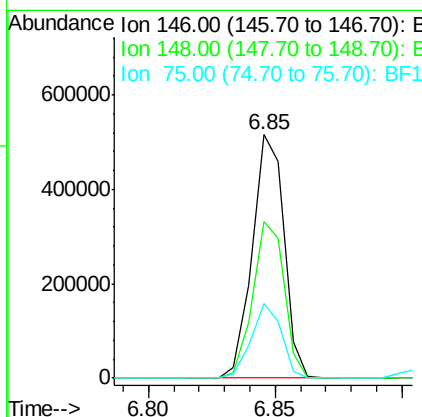
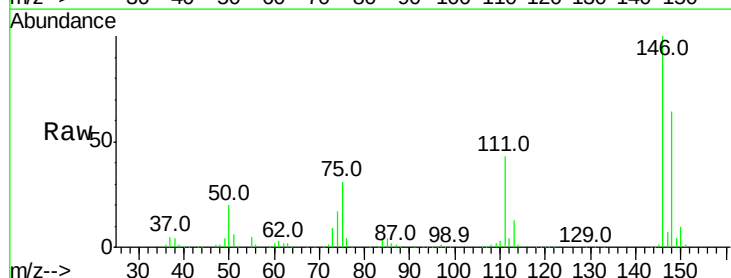
Manual Integrations
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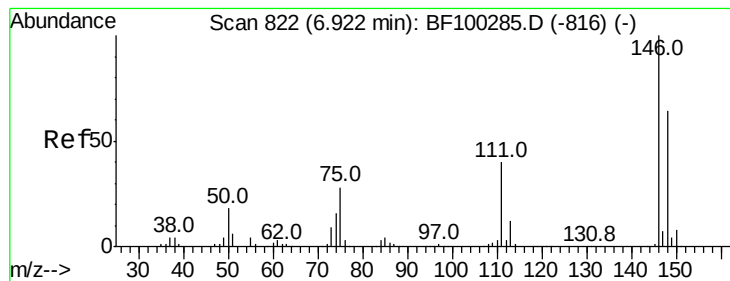
SOHIL
11/13/2017 4:54:13 PM



#12
1,3-Dichlorobenzene
Concen: 38.750 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	30.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.701 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

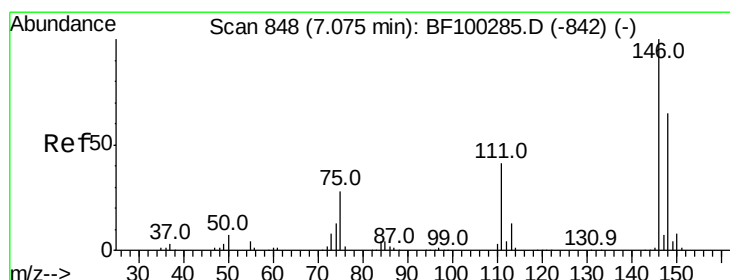
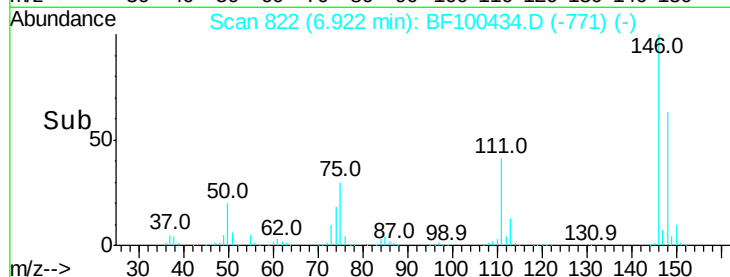
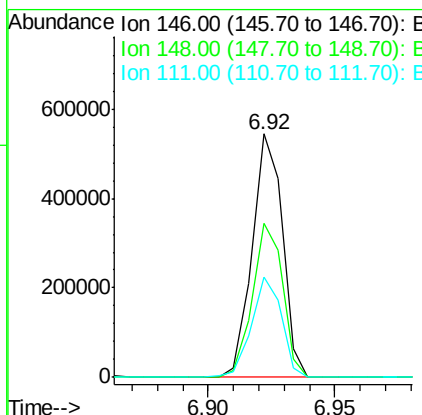
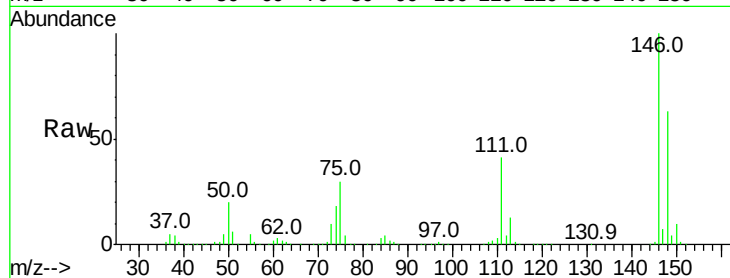
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	41.0	34.2	51.2

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



#14

1,2-Dichlorobenzene

Concen: 38.398 ng

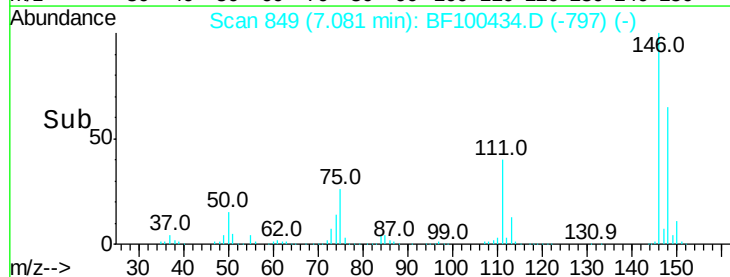
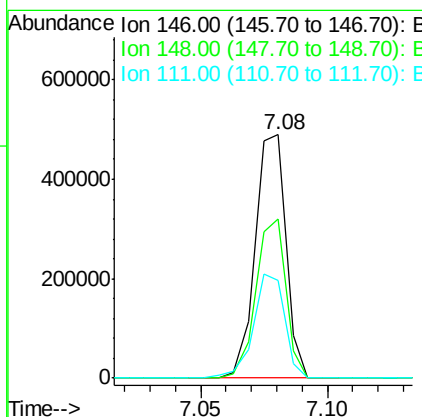
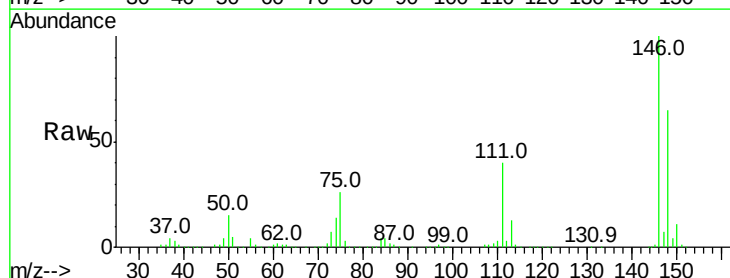
RT: 7.08 min Scan# 849

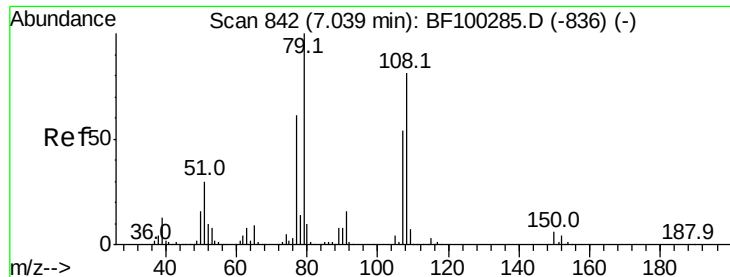
Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.6	75.8
111	40.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.572 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

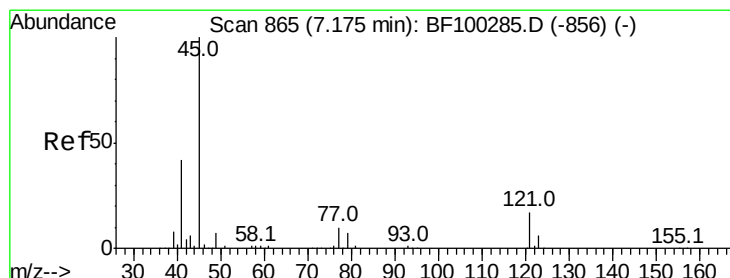
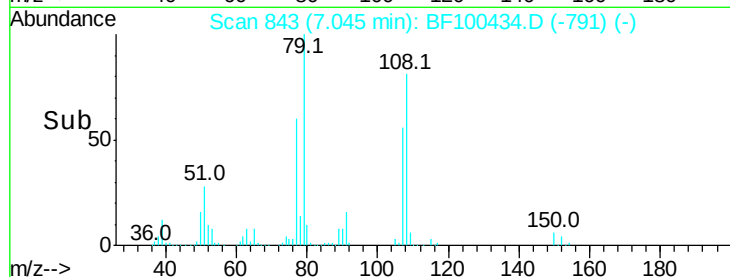
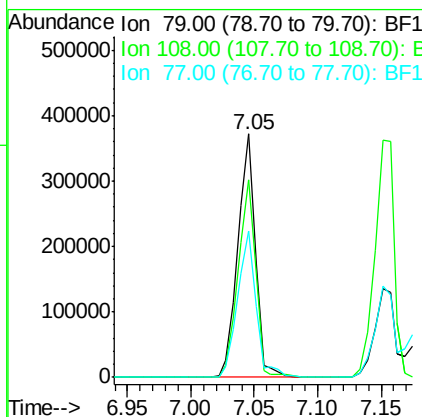
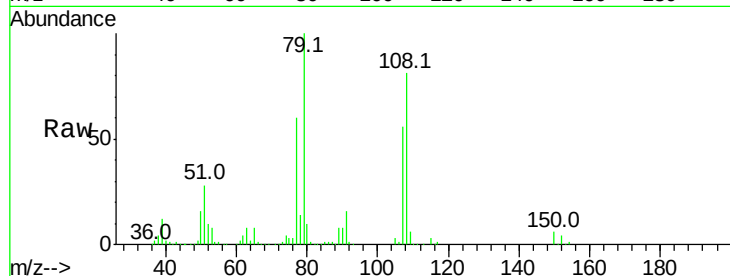
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:	79	Resp:	353136
Ion Ratio	Lower	Upper	
79	100		
108	81.1	65.1	97.7
77	59.9	50.6	75.8

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



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.366 ng

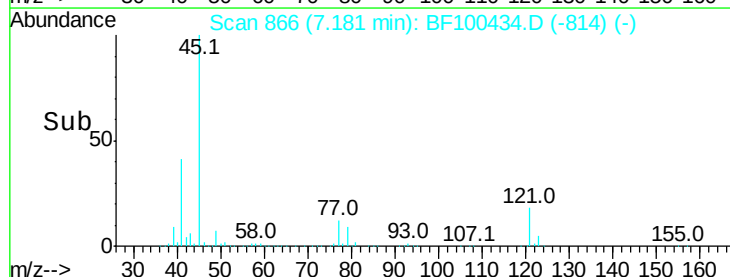
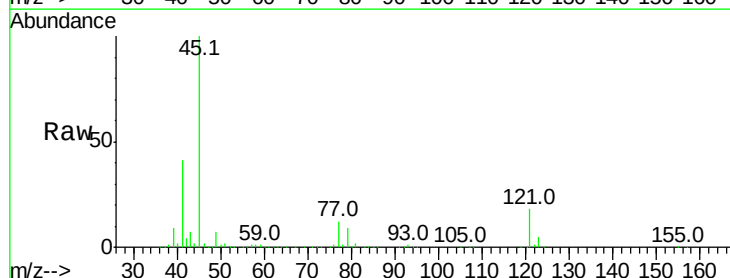
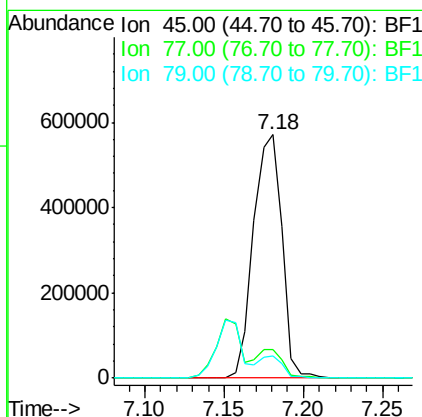
RT: 7.18 min Scan# 866

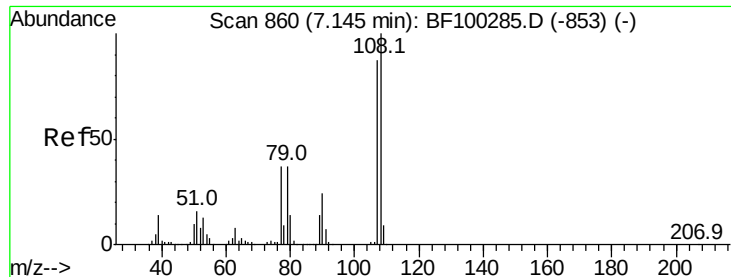
Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:	45	Resp:	717442
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	32.9
79	9.1	0.0	29.6





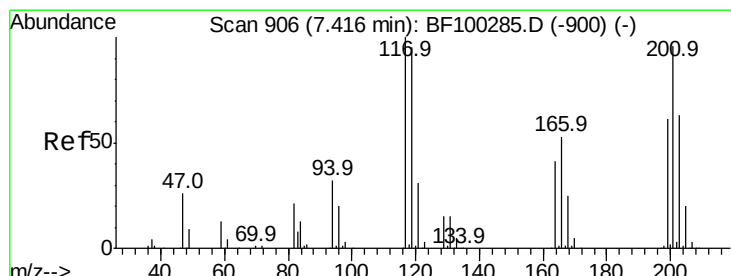
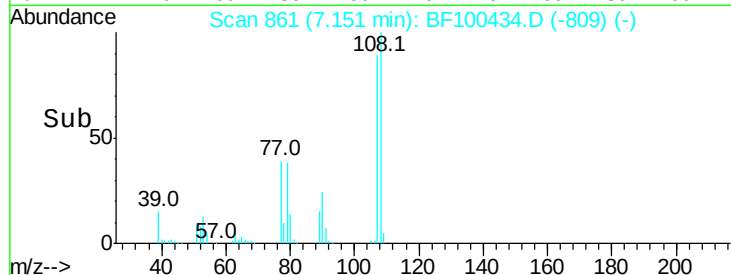
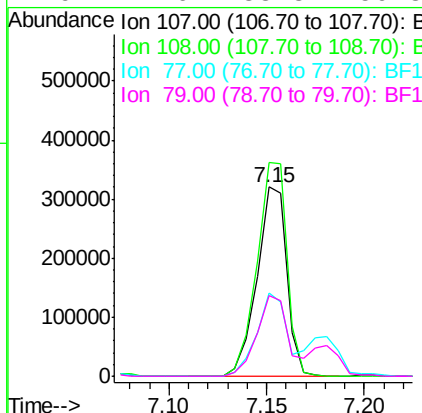
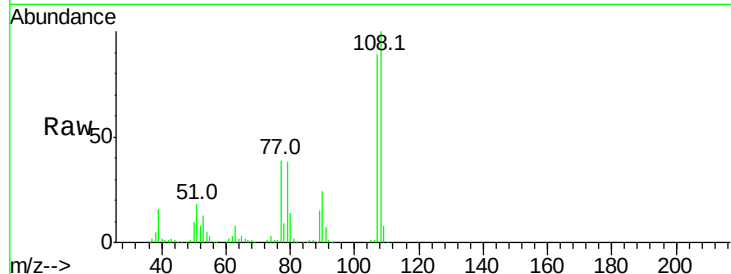
#17
2-Methylphenol
Concen: 39.302 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.7	137.5	
77	43.7	33.8	50.8	
79	42.6	33.8	50.8	

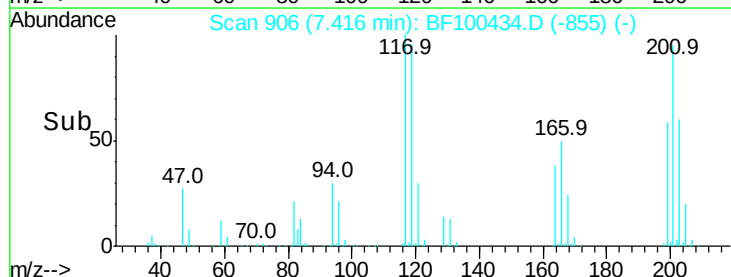
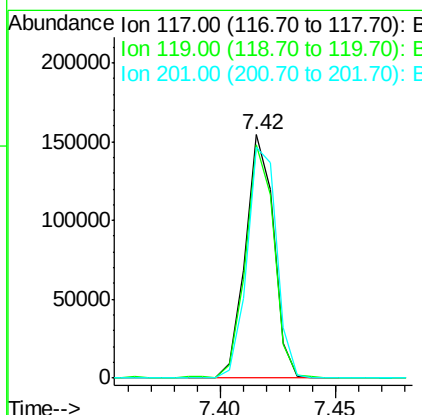
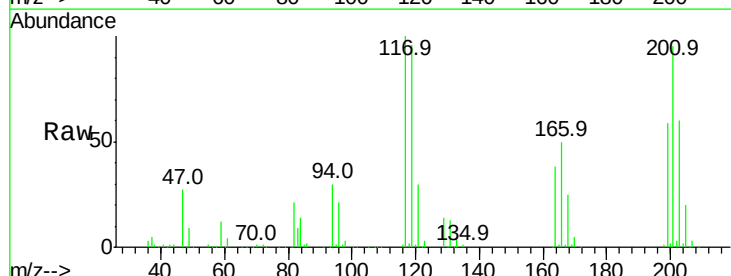
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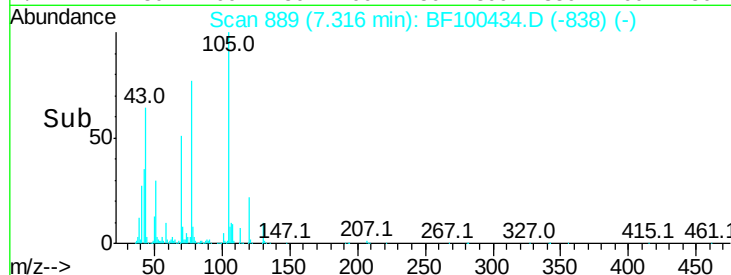
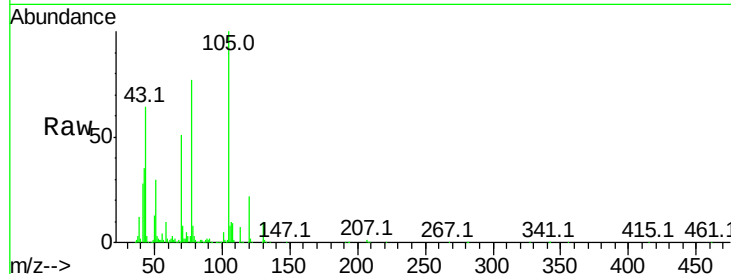
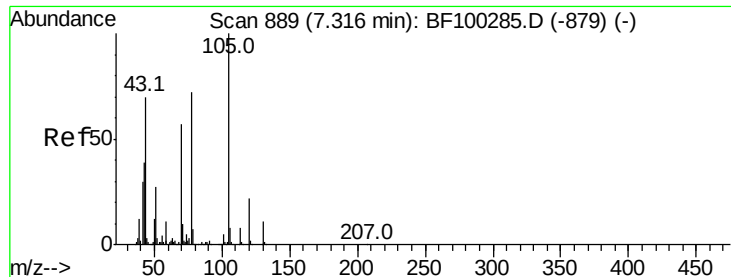
SOHIL
11/13/2017 4:54:13 PM



#18
Hexachloroethane
Concen: 34.270 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.8	113.8	
201	94.6	75.7	113.5	





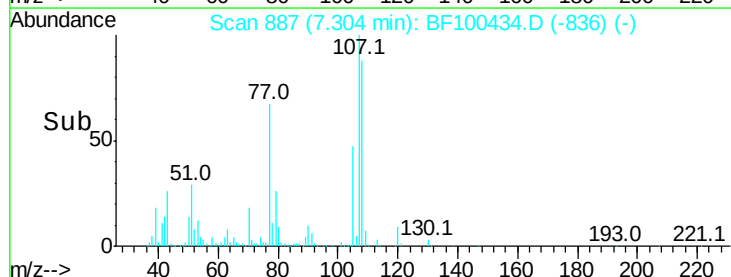
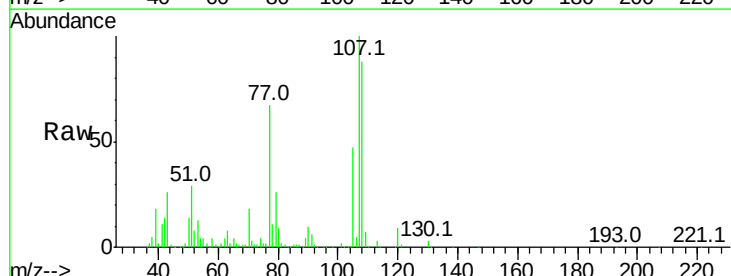
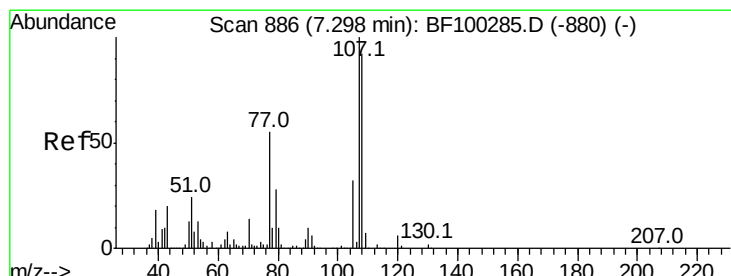
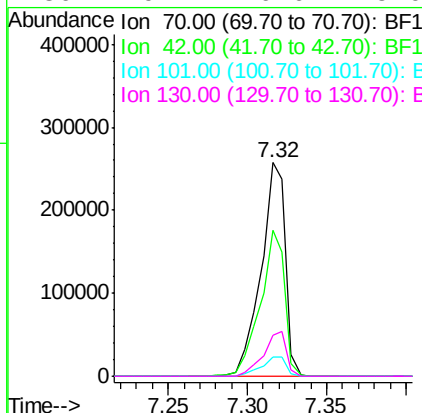
#19
n-Nitroso-di-n-propylamine
Concen: 34.198 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

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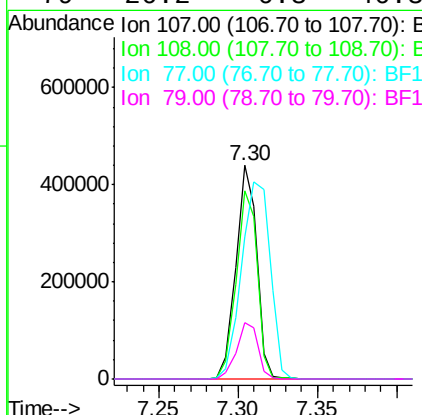
SOHIL
11/13/2017 4:54:13 PM

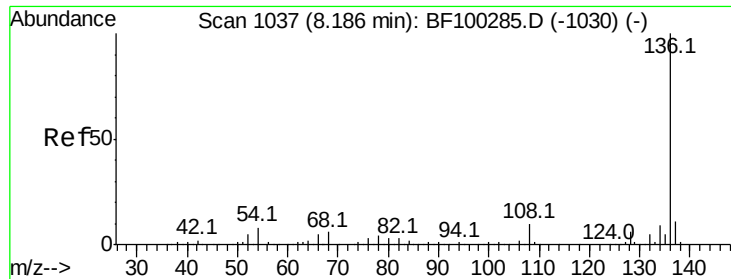
Tot Ion	70	Resp	278209
Ion Ratio	Lower	Upper	
70	100		
42	68.1	47.5	71.3
101	9.2	7.4	11.2
130	19.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 36.885 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	107	Resp	401418
Ion Ratio	Lower	Upper	
107	100		
108	88.3	68.2	108.2
77	66.8	26.7	66.7#
79	26.2	6.3	46.3





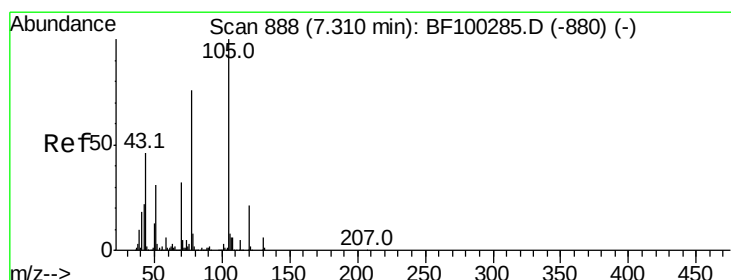
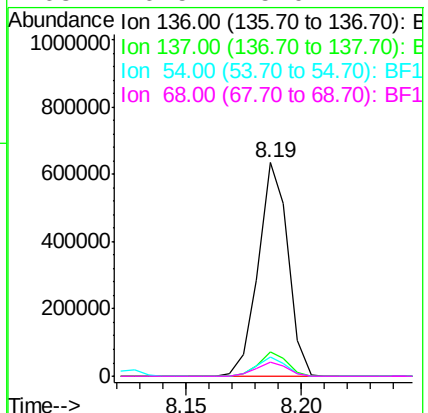
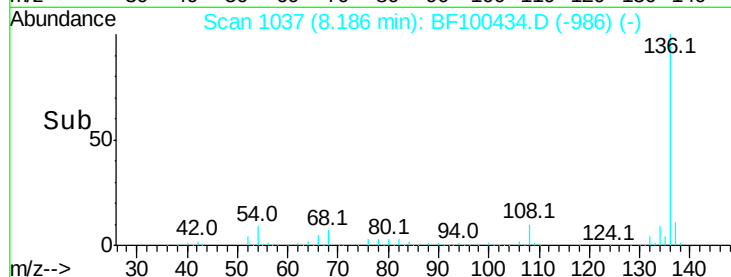
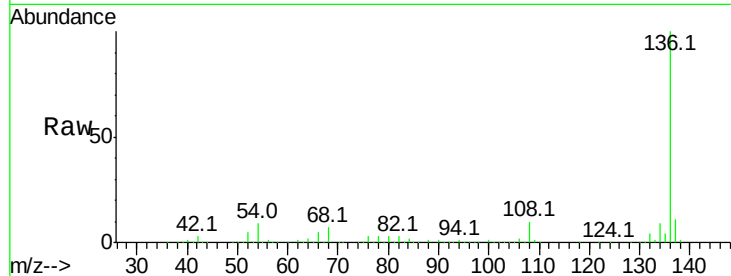
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	9.2	6.6	9.8	
68	6.5	5.0	7.4	

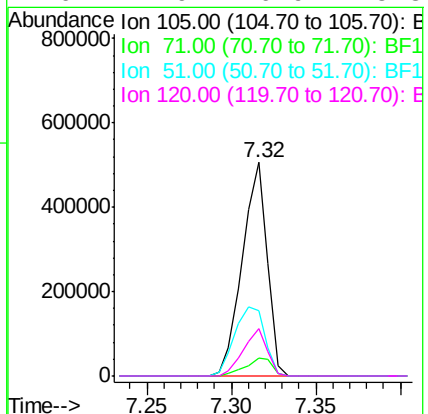
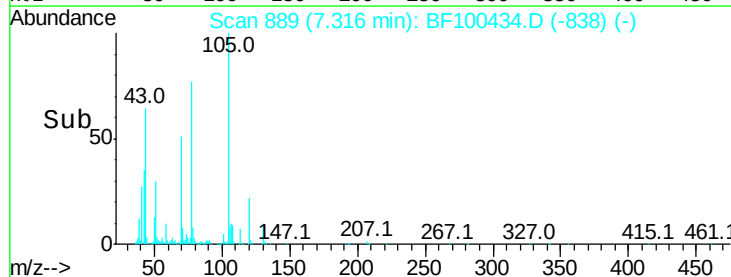
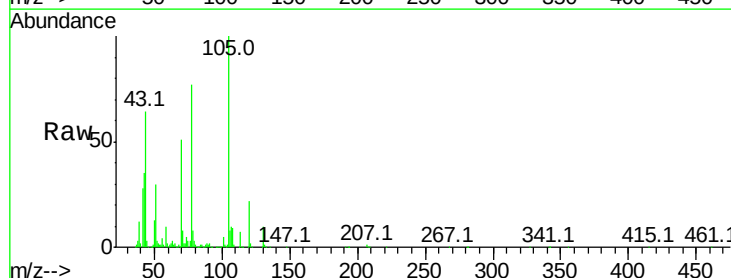
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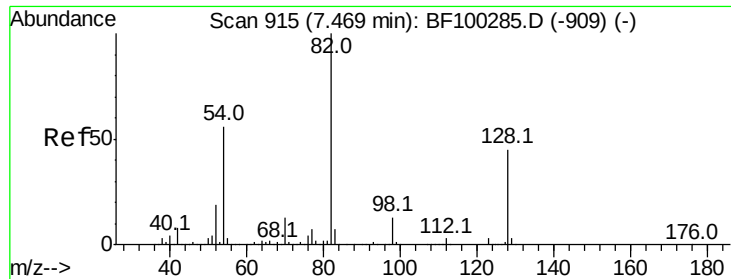
SOHIL
11/13/2017 4:54:13 PM



#22
Acetophenone
Concen: 37.595 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	4.4	6.6#	
51	30.4	22.3	33.5	
120	21.9	16.9	25.3	





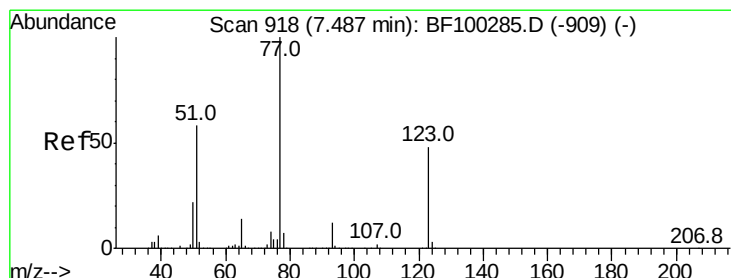
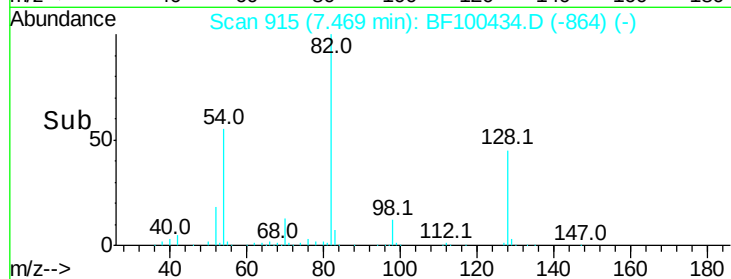
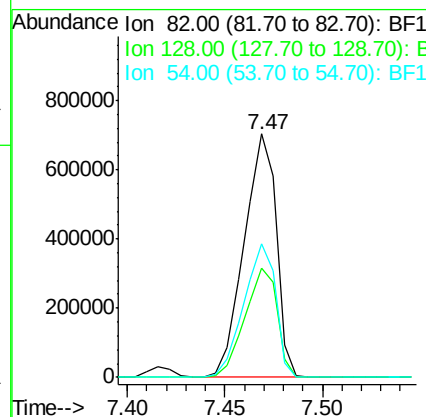
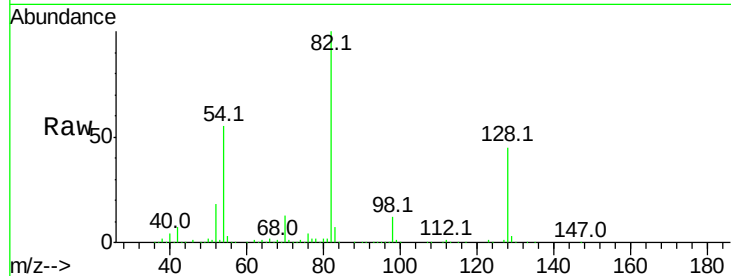
#23
 Nitrobenzene-d5
 Concen: 93.273 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	55.1	41.4	62.2

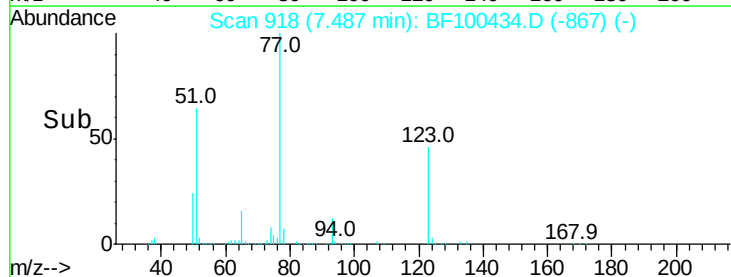
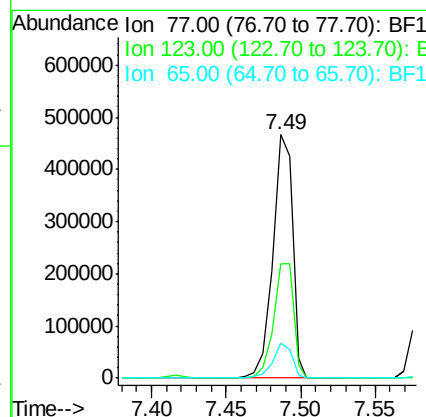
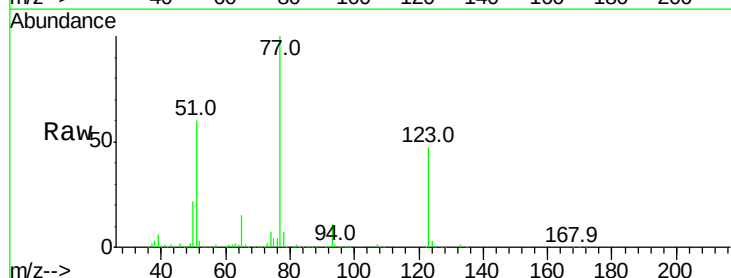
Manual Integrations
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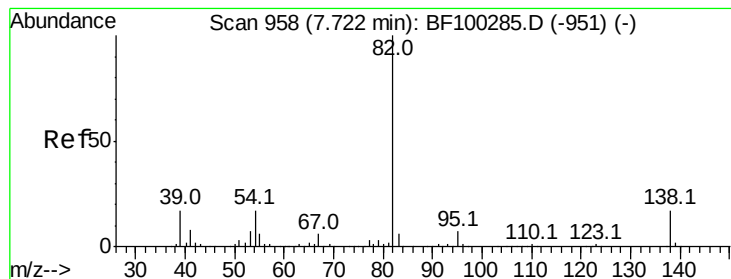
SOHIL
 11/13/2017 4:54:13 PM



#24
 Nitrobenzene
 Concen: 47.704 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.9	56.9
65	14.6	11.0	16.4





#25

Isophorone

Concen: 41.835 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

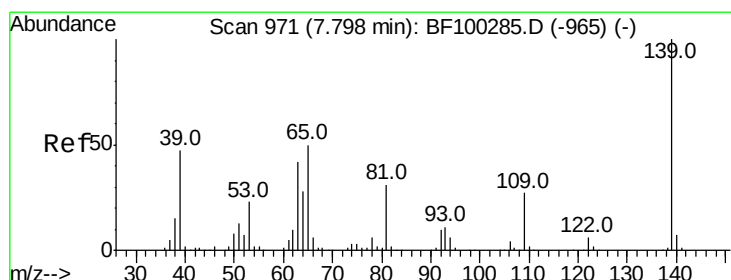
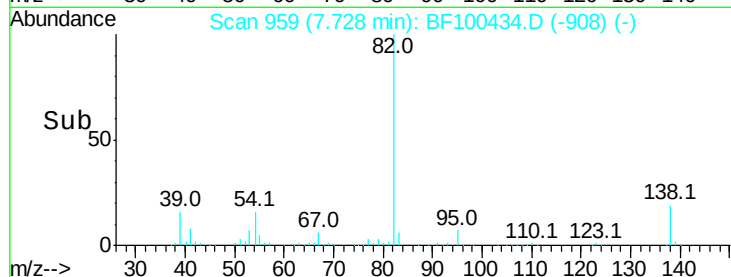
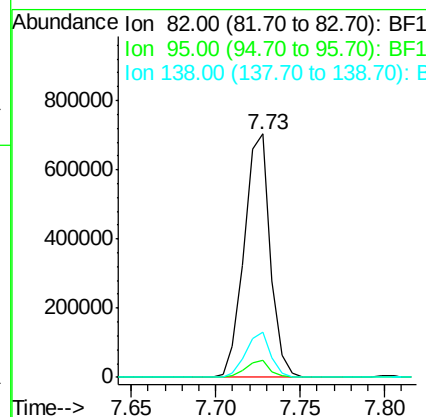
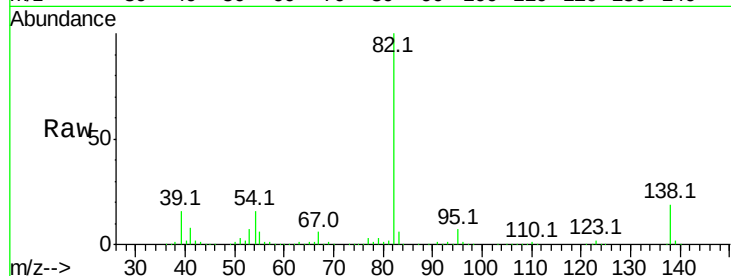
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:	82	Resp:	756513
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.7	14.9	22.3

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



#26

2-Nitrophenol

Concen: 47.085 ng

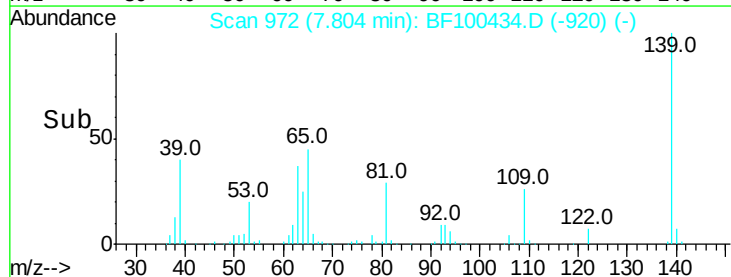
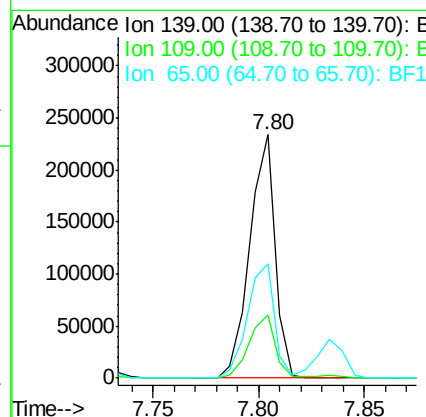
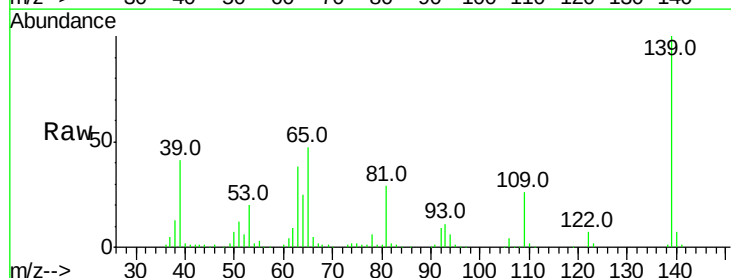
RT: 7.80 min Scan# 972

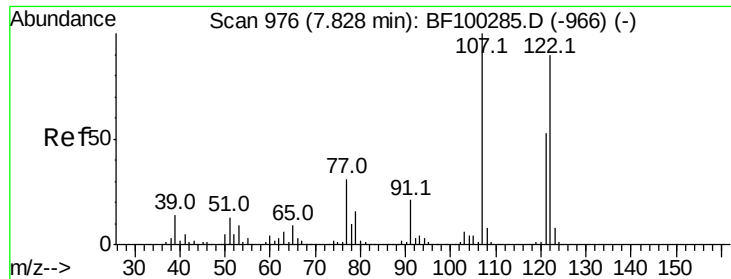
Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:	139	Resp:	195050
Ion Ratio	Lower	Upper	
139	100		
109	25.7	22.7	34.1
65	46.7	40.5	60.7





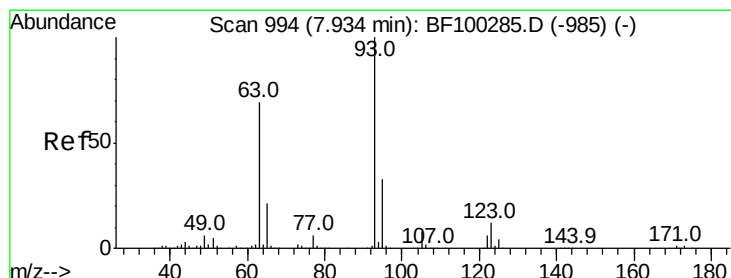
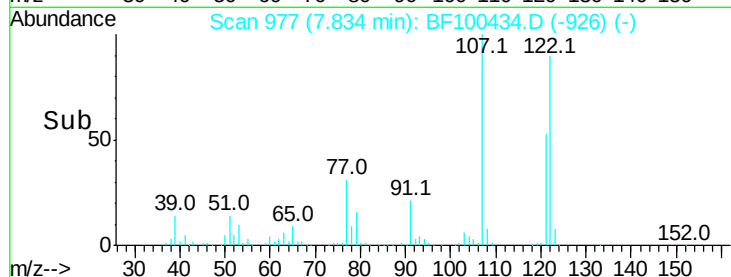
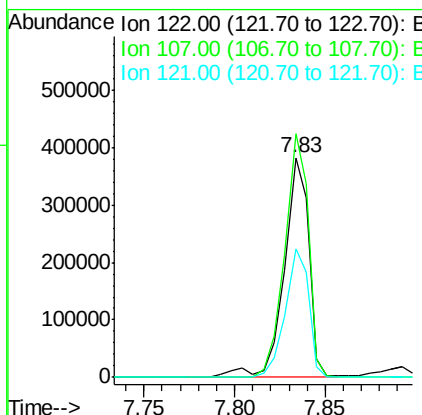
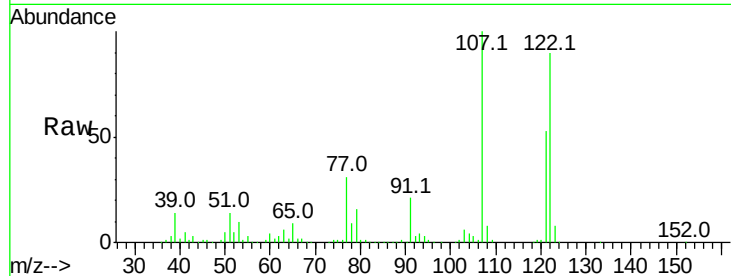
#27
2,4-Dimethylphenol
Concen: 44.735 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	91.2	136.8
121	58.5	47.2	70.8

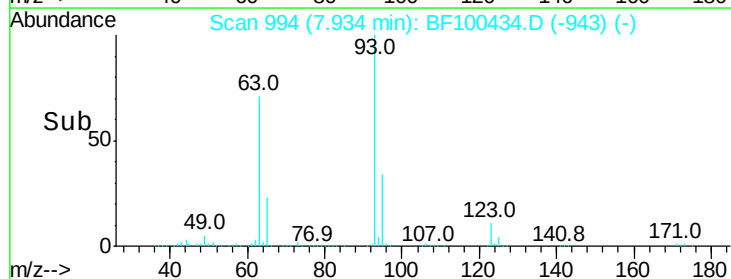
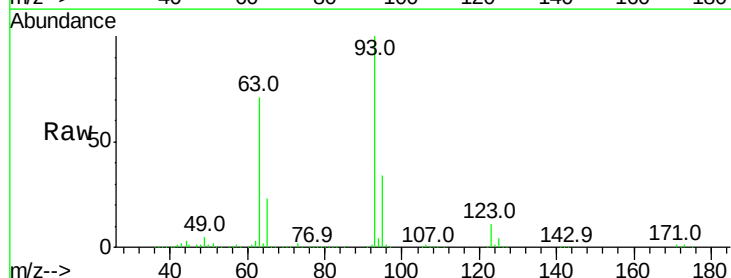
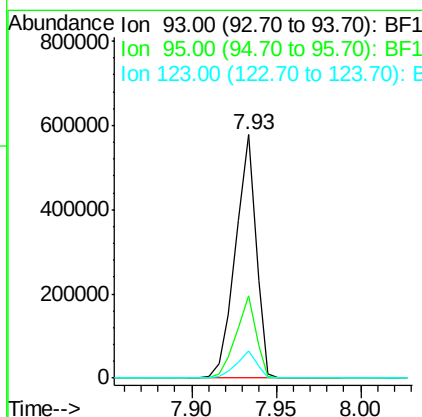
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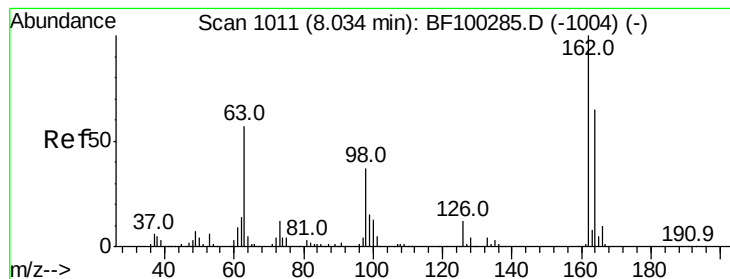
SOHIL
11/13/2017 4:54:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.397 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.3	39.5
123	11.1	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 41.485 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

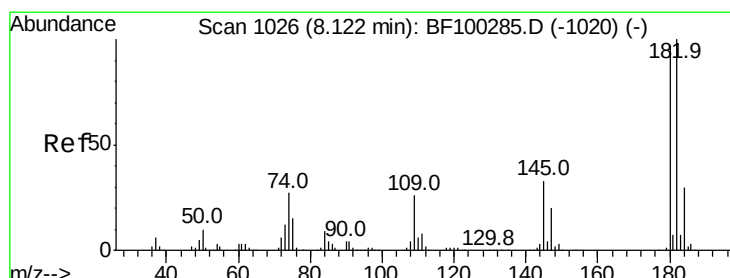
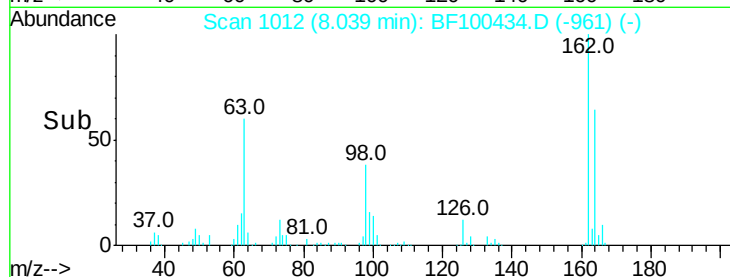
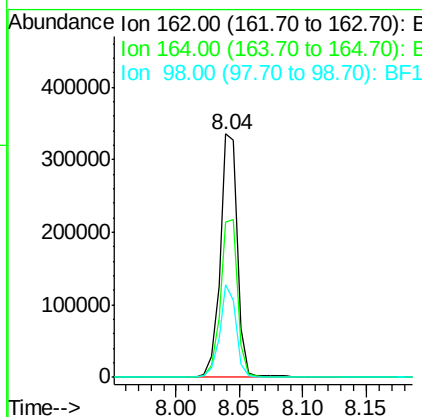
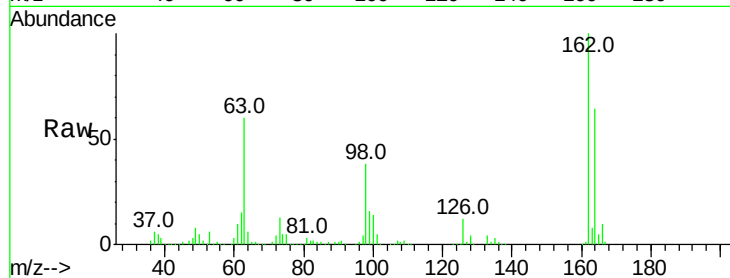
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:	162	Resp:	321040
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.7	82.7
98	38.2	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 40.266 ng

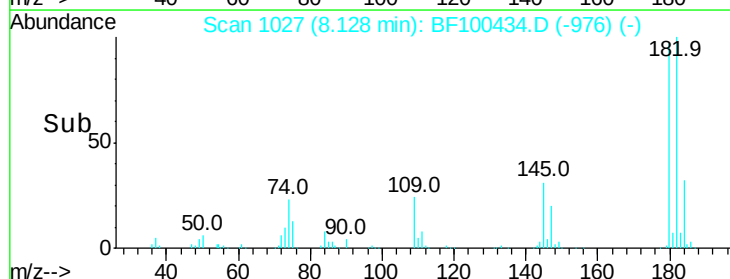
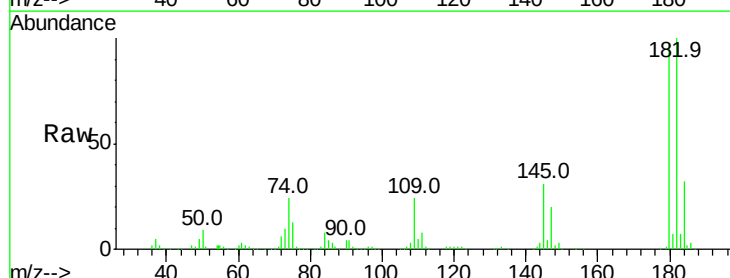
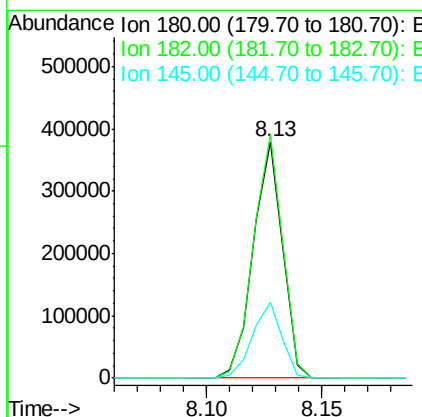
RT: 8.13 min Scan# 1027

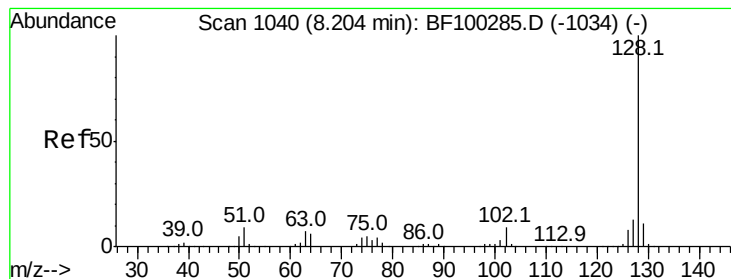
Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:	180	Resp:	337070
Ion Ratio	Lower	Upper	
180	100		
182	103.0	76.8	115.2
145	32.3	26.5	39.7





#31

Naphthalene

Concen: 39.666 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:128 Resp: 1086940

Ion Ratio Lower Upper

128 100

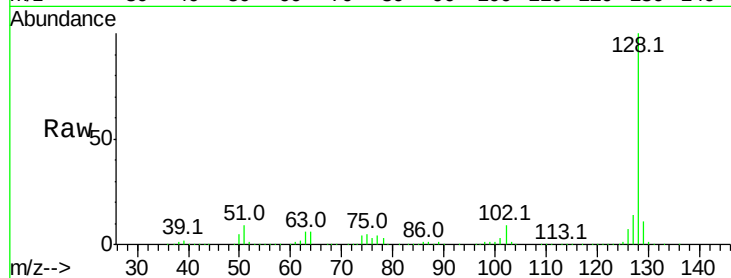
129 11.4 8.8 13.2

127 13.6 10.9 16.3

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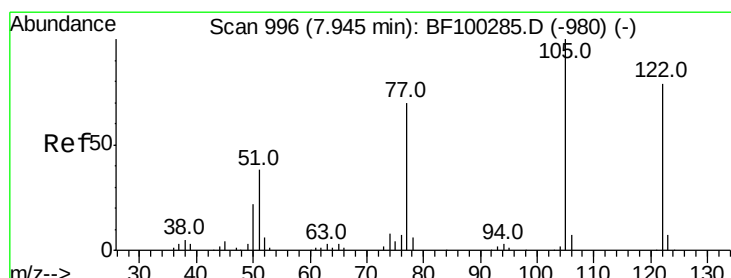
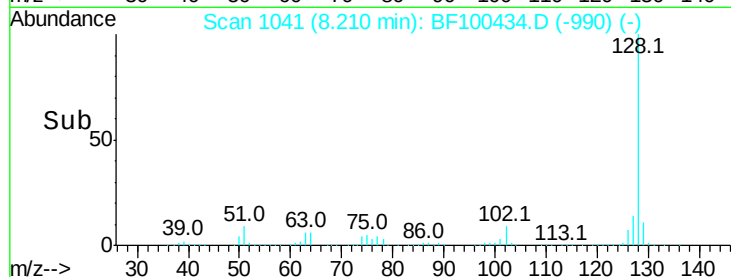
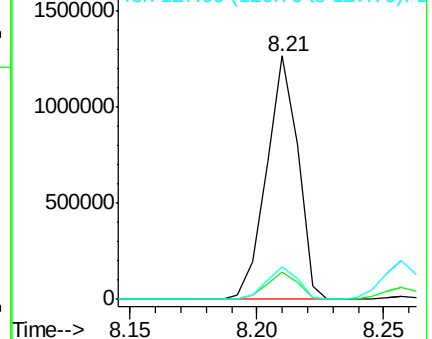
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.188 ng m

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

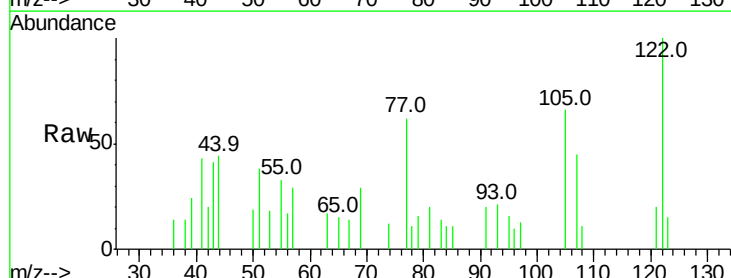
Tgt Ion:122 Resp: 6305

Ion Ratio Lower Upper

122 100

105 65.8 101.1 141.1#

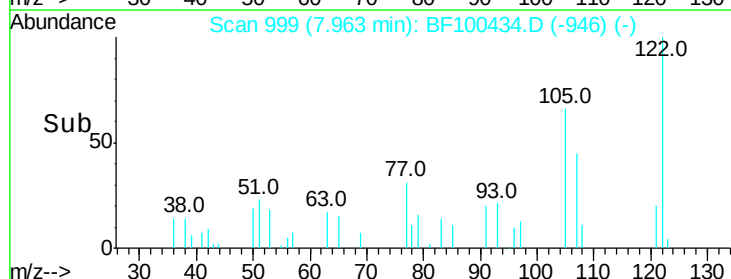
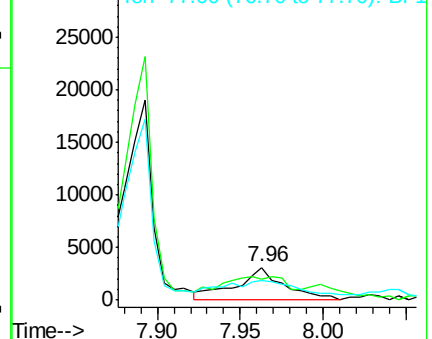
77 61.7 70.7 110.7#

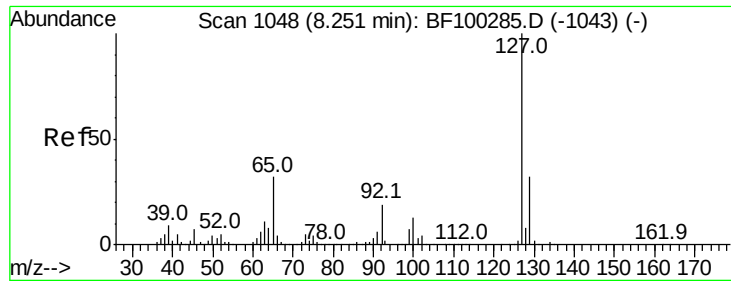


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





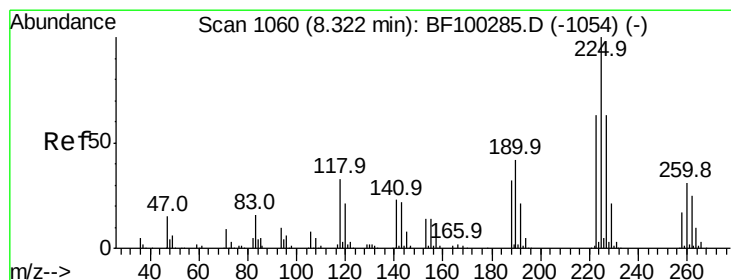
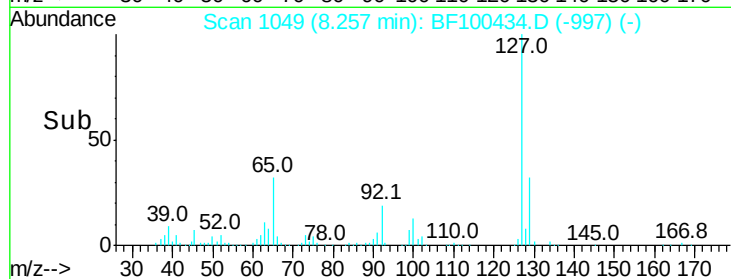
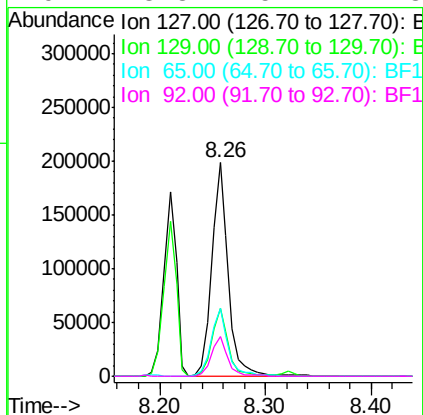
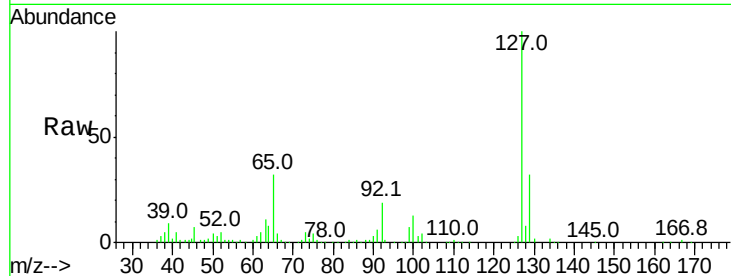
#33
 4-Chloroaniline
 Concen: 19.154 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. 0.01 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.9	38.9		
65	31.9	25.0	37.4		
92	18.8	15.2	22.8		

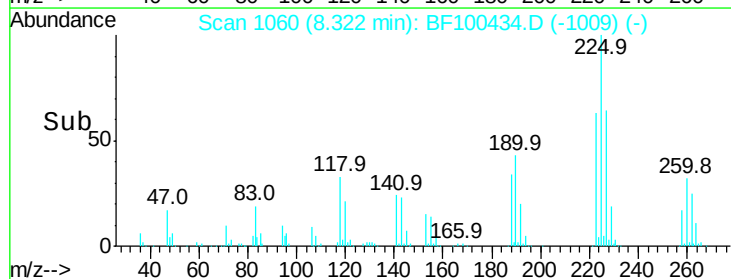
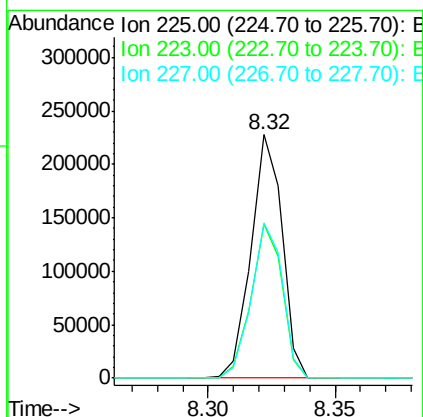
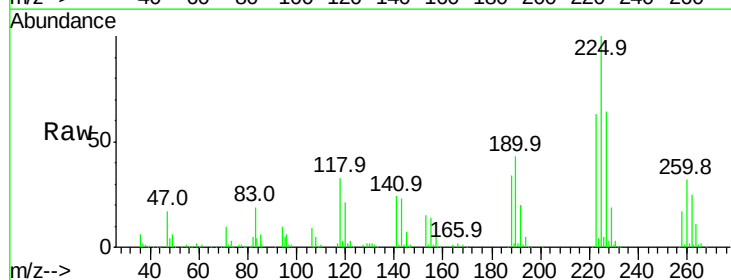
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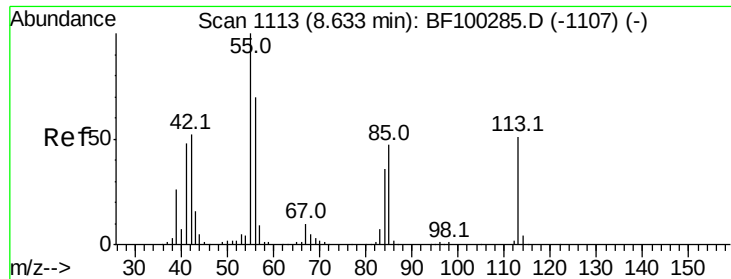
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#34
 Hexachlorobutadiene
 Concen: 39.153 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.6	76.0		
227	63.5	51.9	77.9		





#35

Caprolactam

Concen: 34.075 ng

RT: 8.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

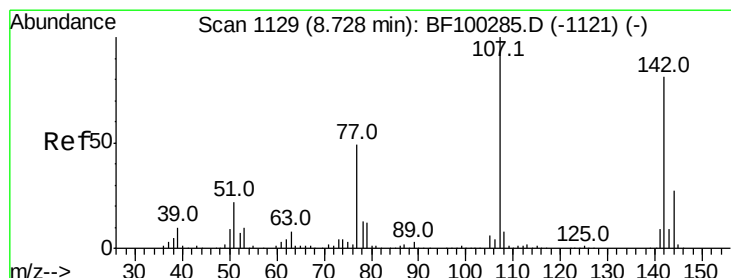
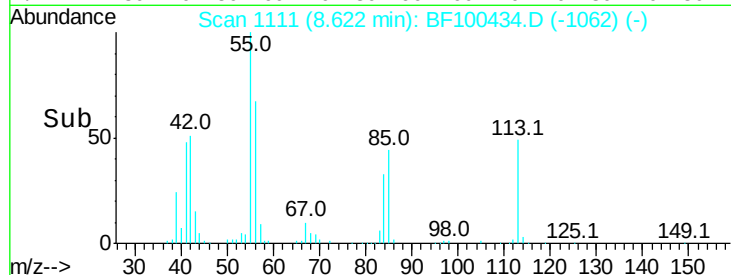
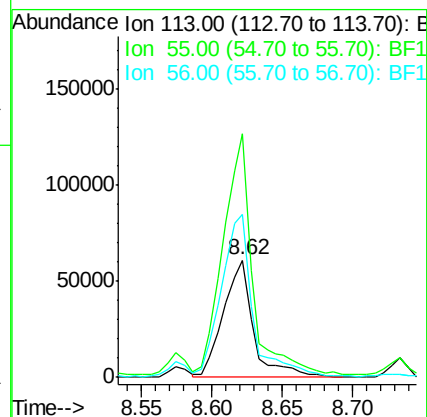
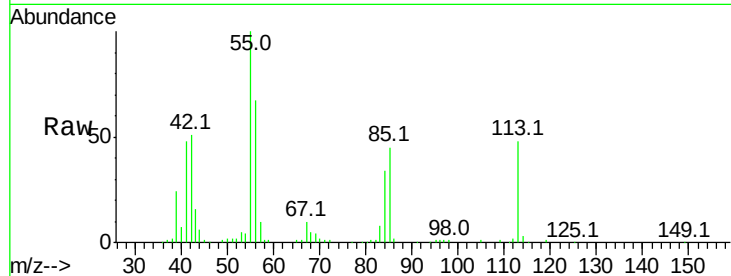
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:113 Resp: 90497
 Ion Ratio Lower Upper
 113 100
 55 207.9 163.3 203.3#
 56 139.2 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 37.482 ng

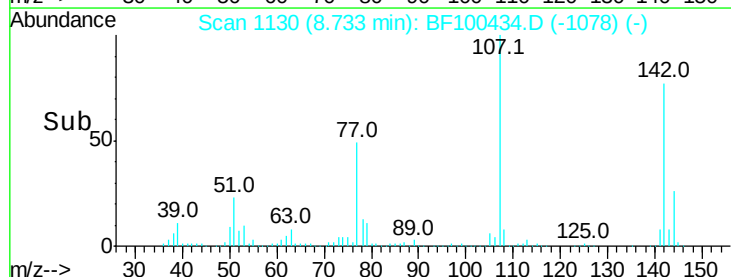
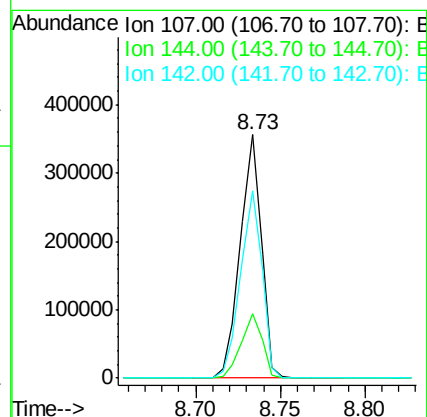
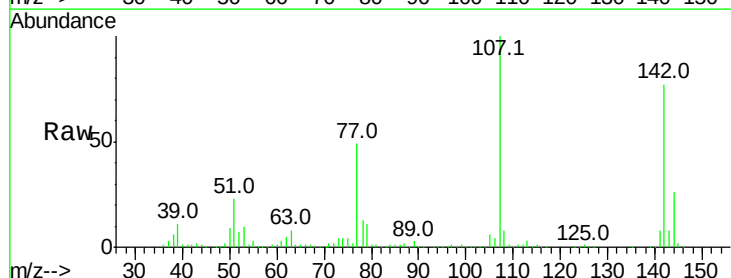
RT: 8.73 min Scan# 1130

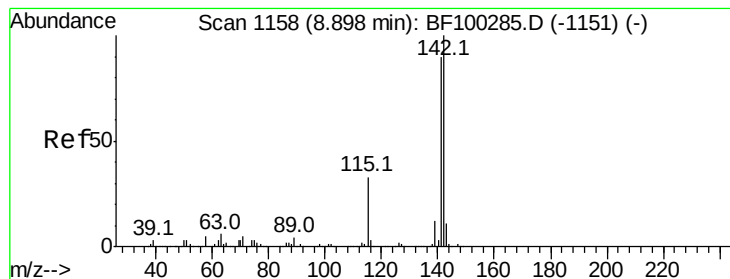
Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:107 Resp: 311530
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 77.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.083 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

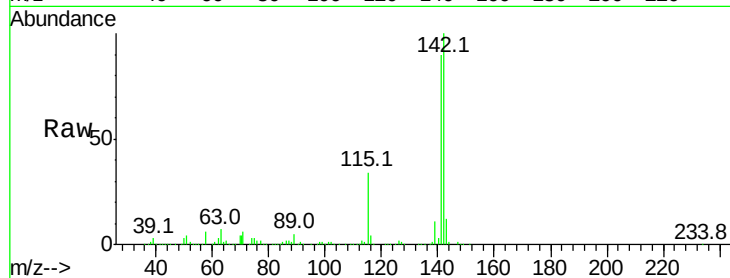
ClientSampleId :

TP-13-A-13-BMSD

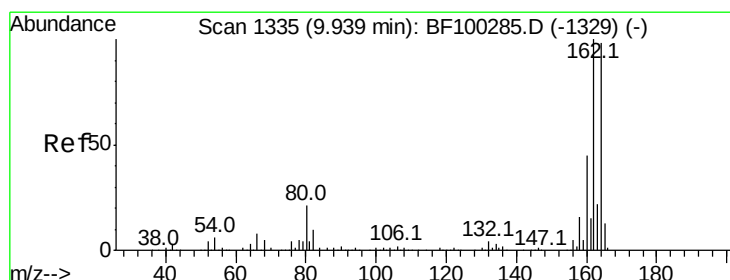
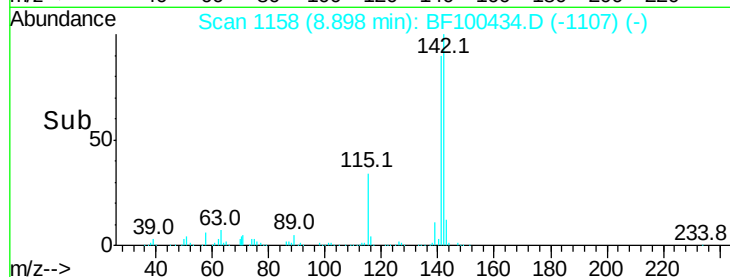
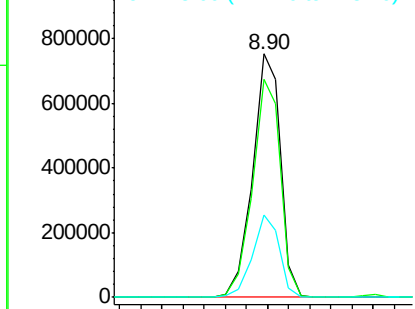
Tot Ion:	142	Resp:	692832
Ion Ratio	Lower	Upper	
142	100		
141	89.7	70.8	106.2
115	33.7	26.1	39.1

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



#38

Acenaphthene-d10

Concen: 20.000 ng

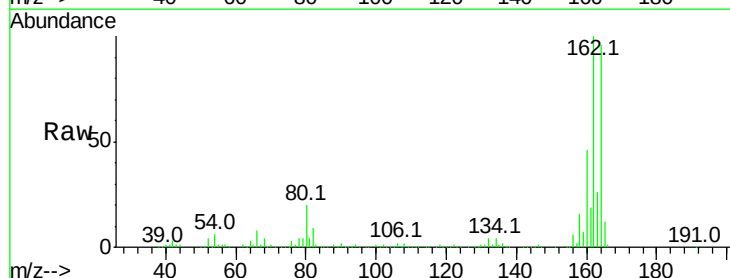
RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

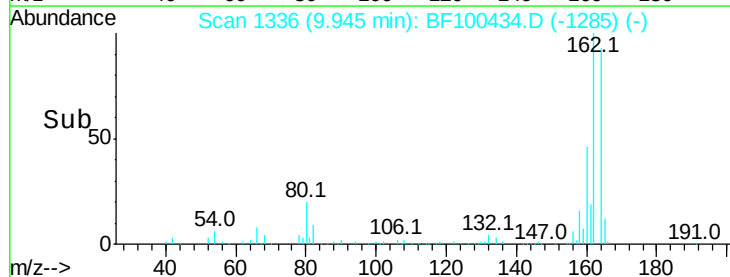
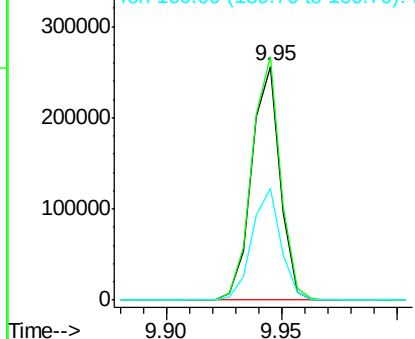
Lab File: BF100434.D

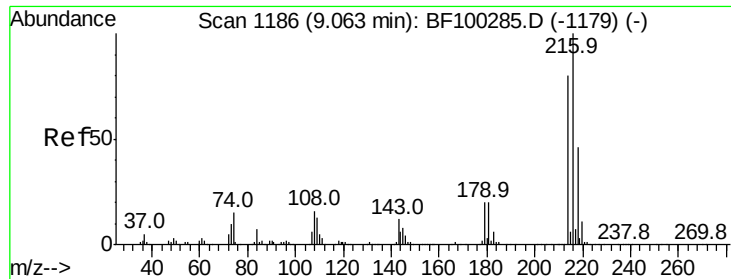
Acq: 11 Nov 2017 12:21

Tgt Ion:	164	Resp:	220825
Ion Ratio	Lower	Upper	
164	100		
162	104.2	86.1	129.1
160	47.7	38.3	57.5



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





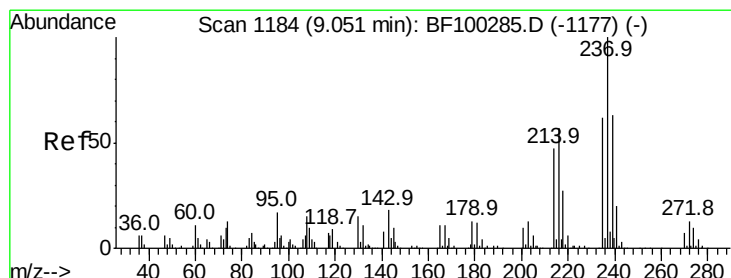
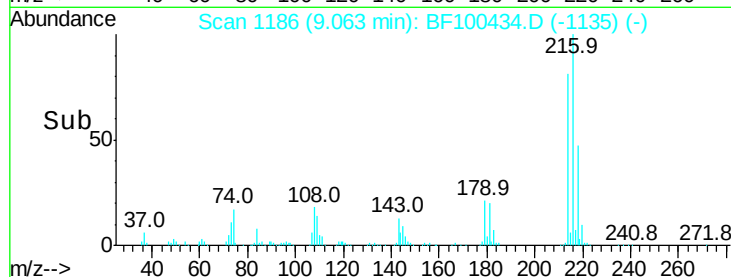
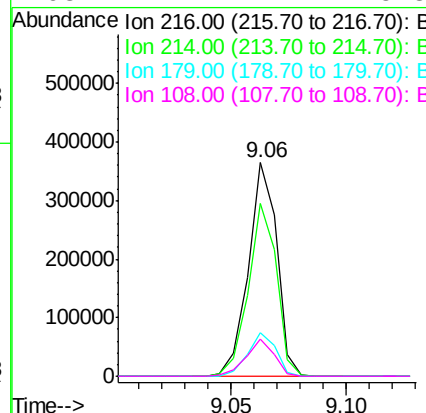
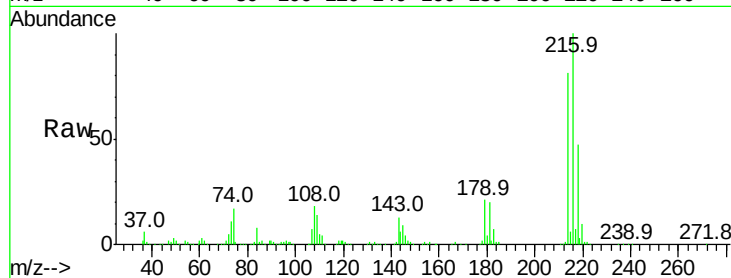
#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.930 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	314406		
214	80.0	63.0	94.4	
179	20.6	18.1	27.1	
108	17.2	17.2	25.8	

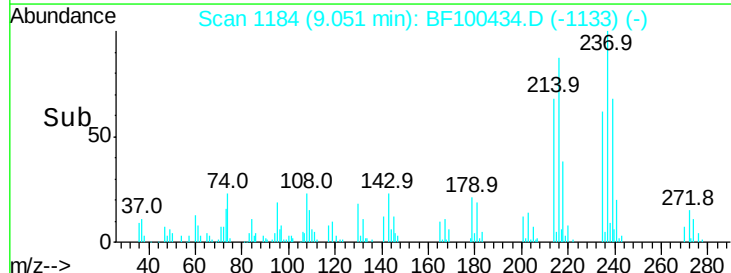
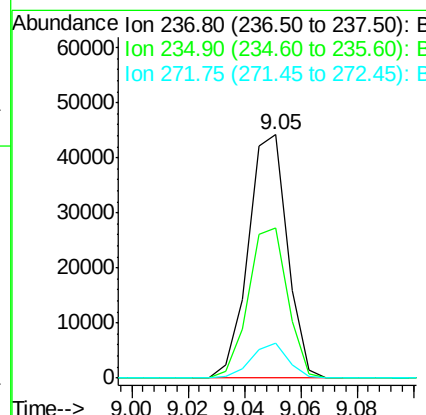
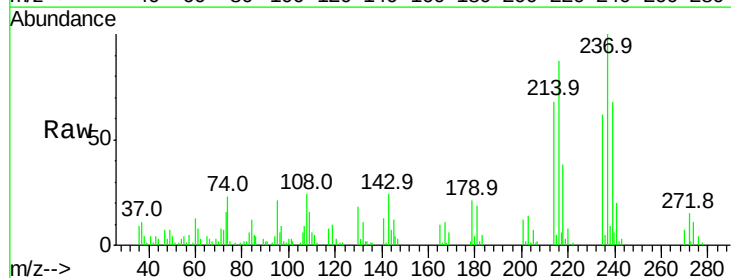
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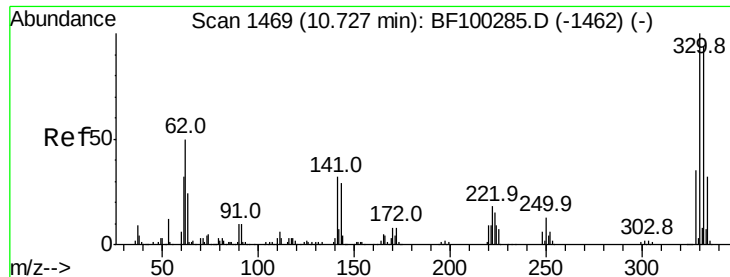
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#40
Hexachlorocyclopentadiene
Concen: 12.323 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	42477		
235	61.7	44.8	84.8	
272	14.6	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 100.878 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

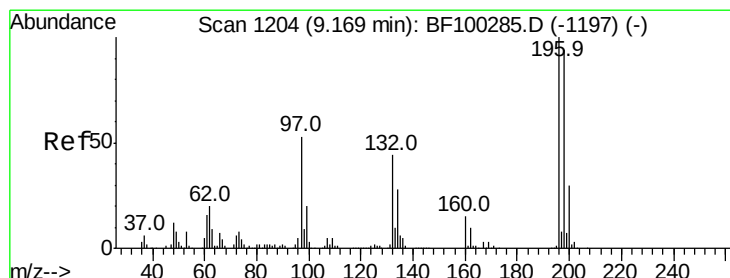
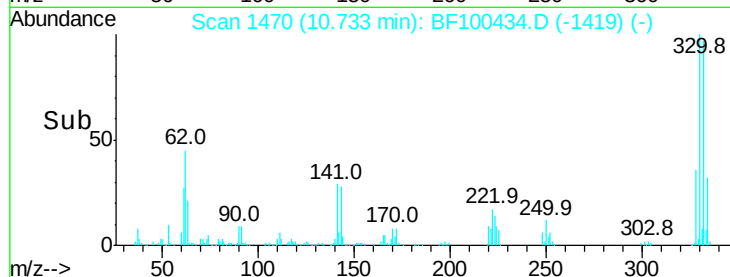
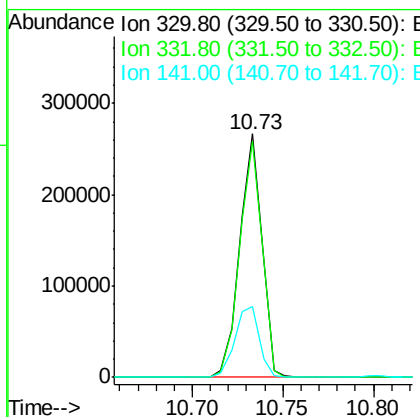
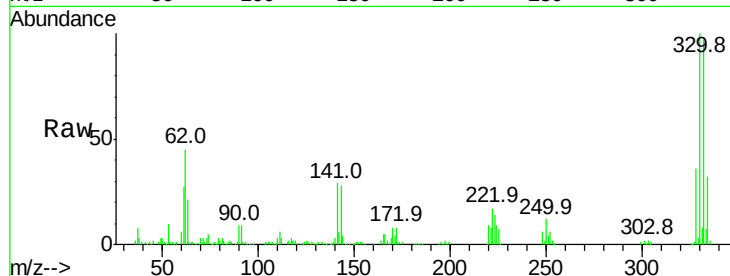
ClientSampled :

TP-13-A-13-BMSD

Tot Ion:	330	Resp:	226997
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	32.5	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 45.393 ng

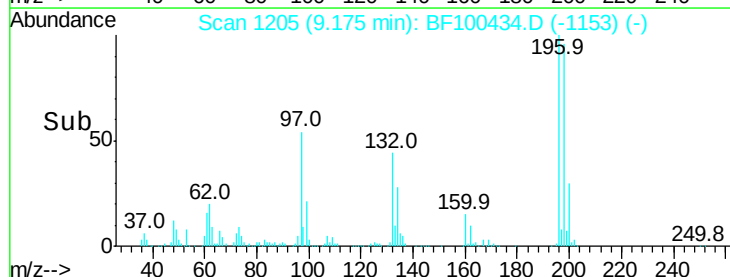
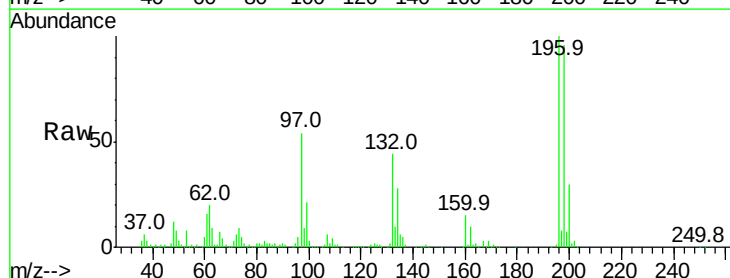
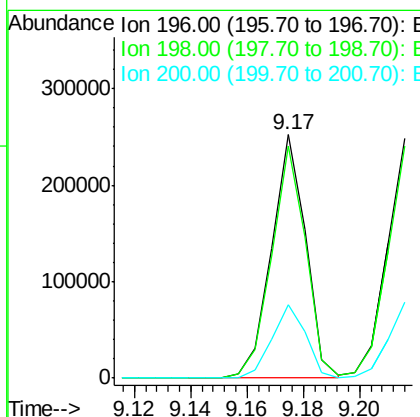
RT: 9.17 min Scan# 1205

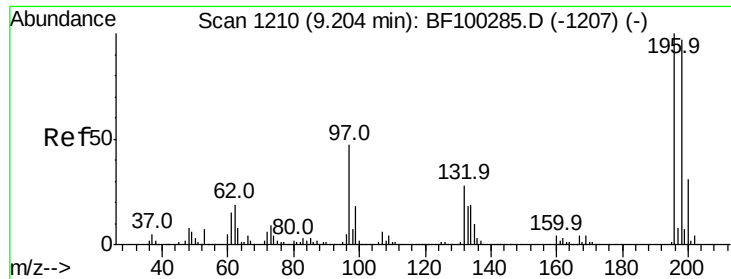
Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:	196	Resp:	210697
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.7	113.5
200	29.9	24.5	36.7





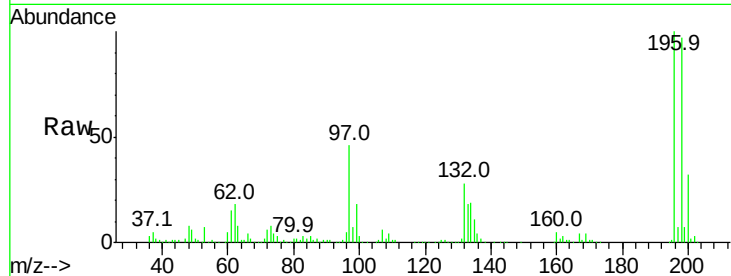
#43
 2,4,5-Trichlorophenol
 Concen: 42.975 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206671		
198	96.9	74.6	112.0	
97	46.4	42.9	64.3	
132	28.1	26.3	39.5	

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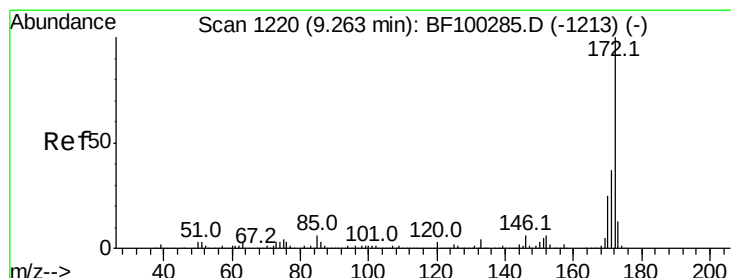
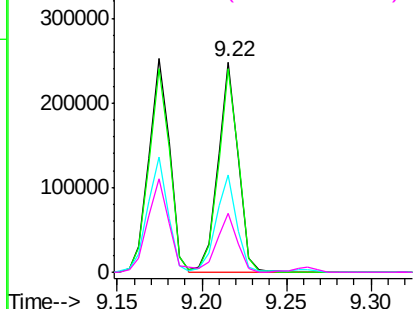
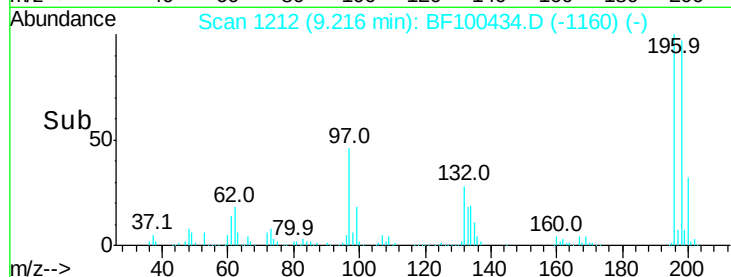
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

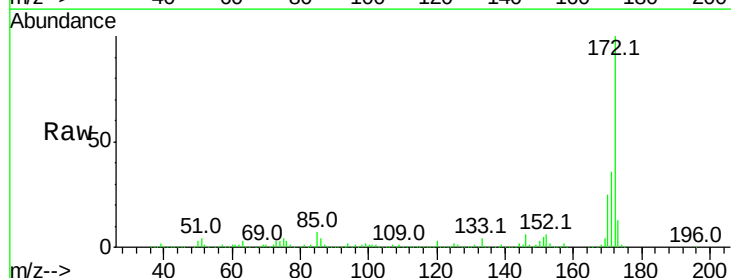
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.711 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1242994		
171	36.3	29.7	44.5	
170	24.7	19.6	29.4	

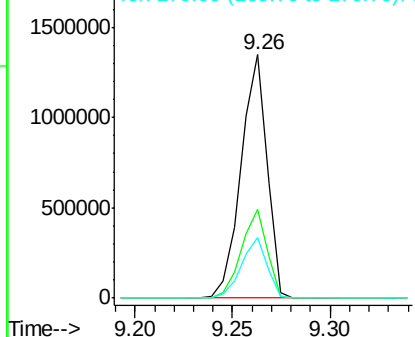
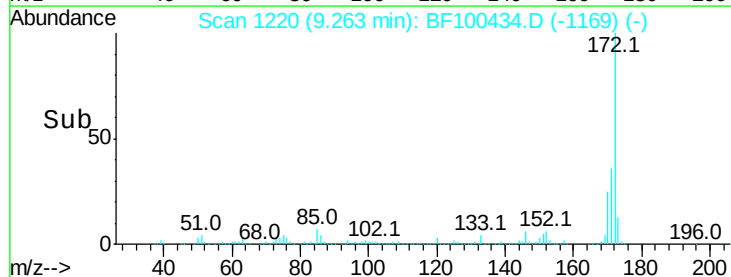


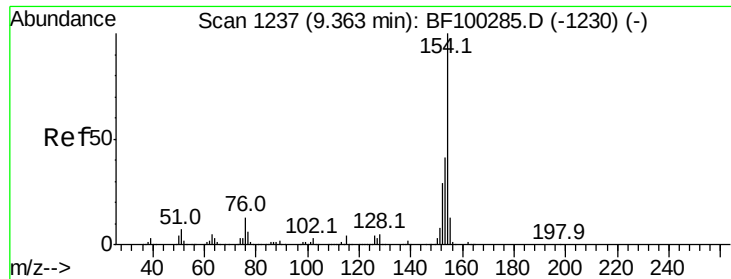
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.635 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

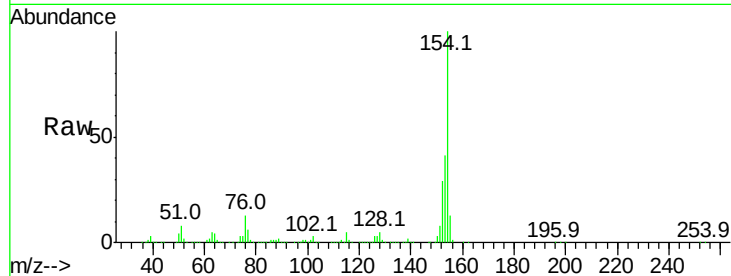
ClientSampleId :

TP-13-A-13-BMSD

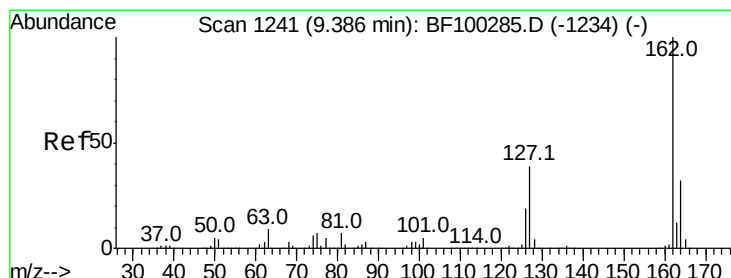
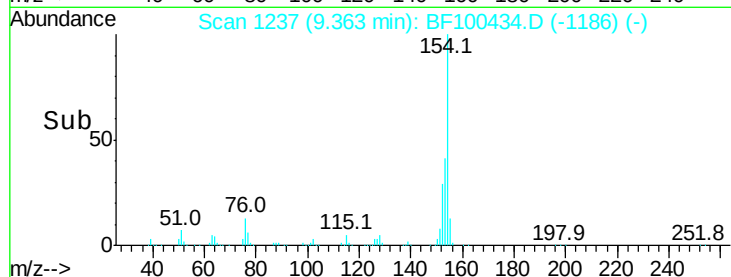
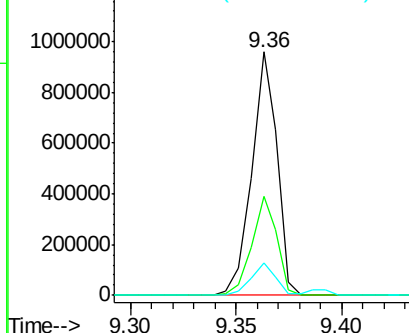
Tot Ion:	154	Resp:	795192
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	13.3	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 43.474 ng

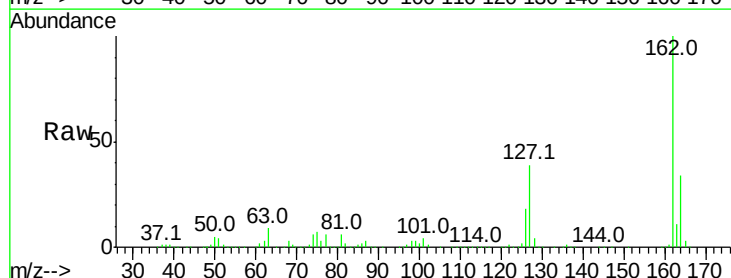
RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

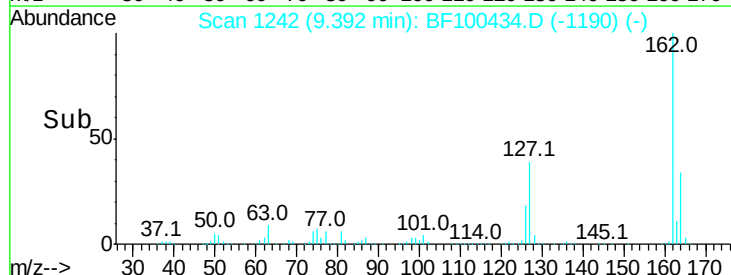
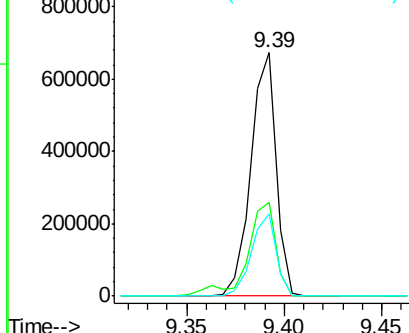
Lab File: BF100434.D

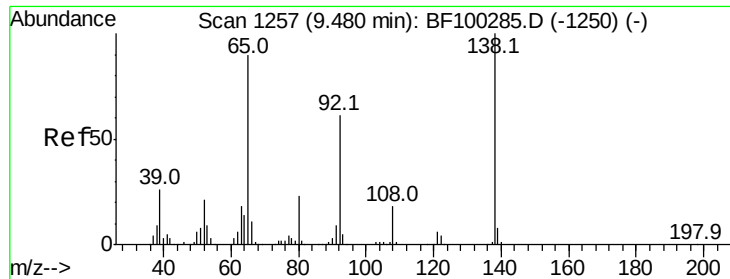
Acq: 11 Nov 2017 12:21

Tgt Ion:	162	Resp:	602356
Ion Ratio	Lower	Upper	
162	100		
127	38.6	33.9	50.9
164	33.7	26.5	39.7



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





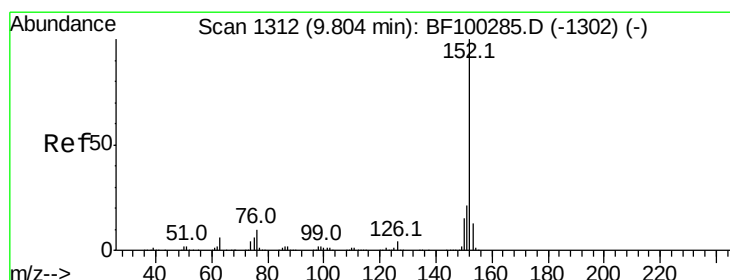
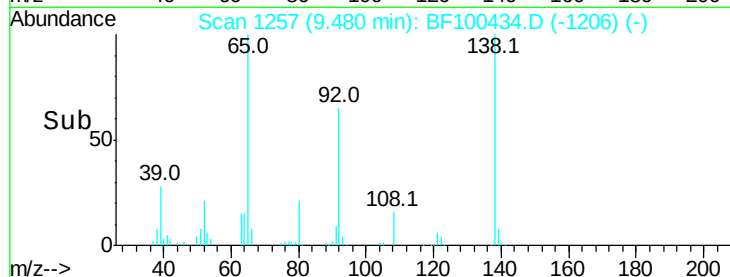
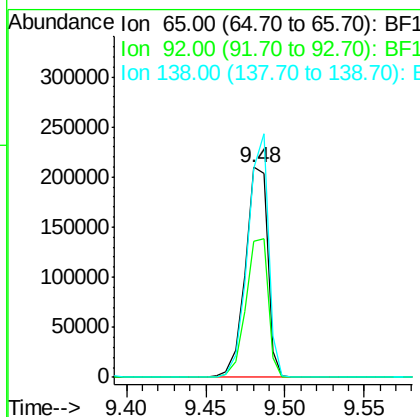
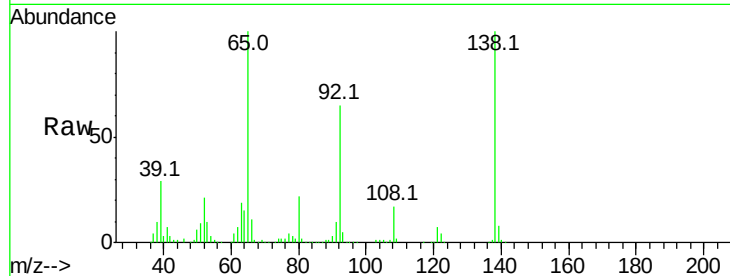
#47
2-Nitroaniline
Concen: 49.788 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	55.8	83.6
138	99.8	91.2	136.8

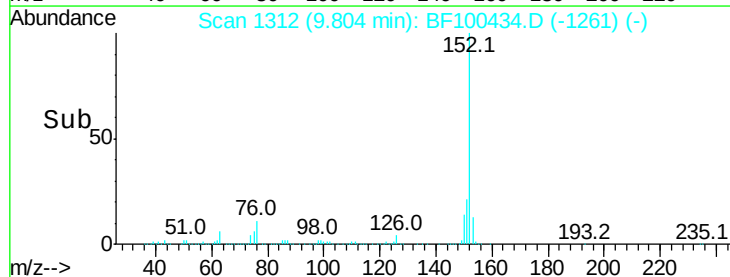
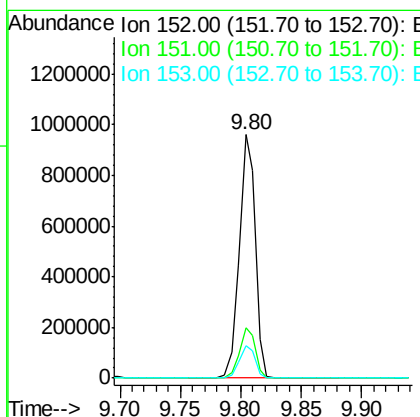
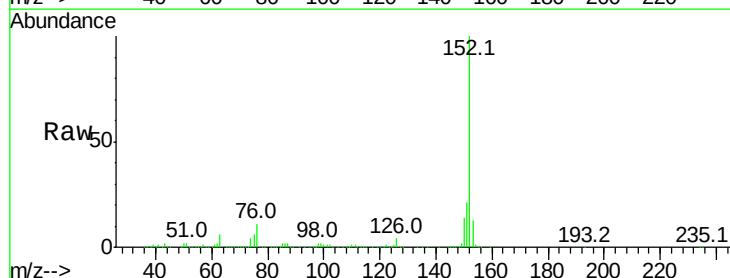
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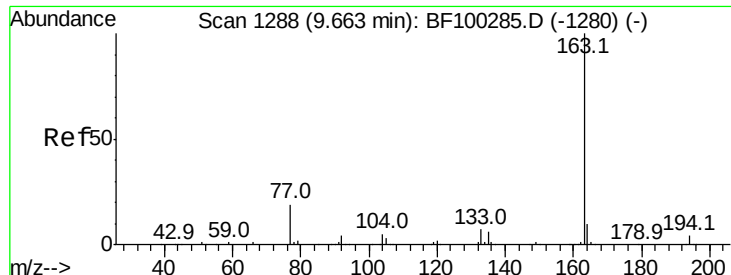
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#48
Acenaphthylene
Concen: 38.627 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.3	10.7	16.1





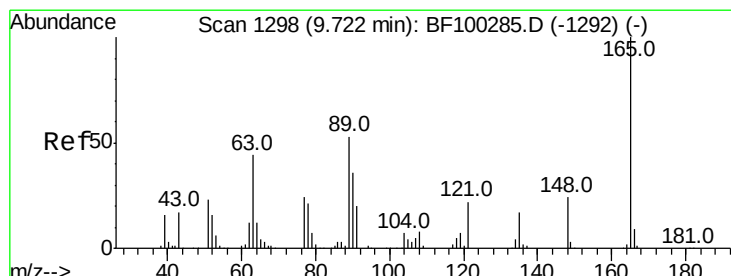
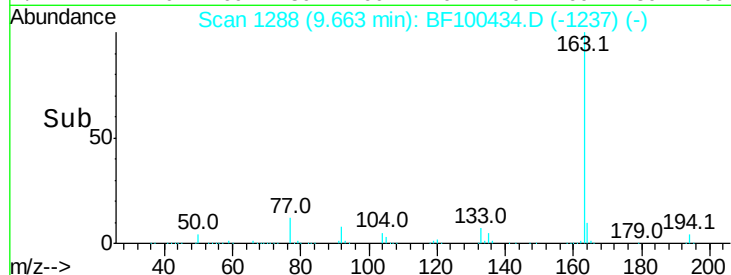
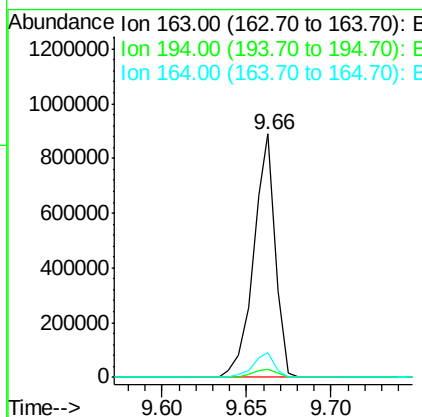
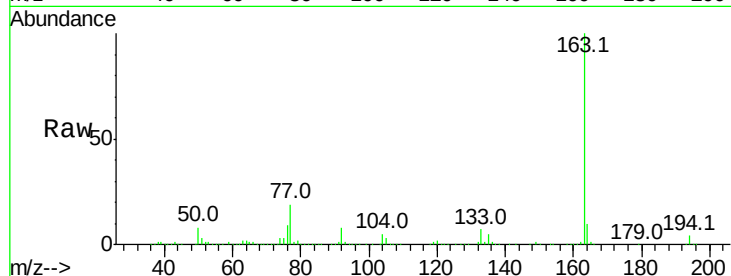
#49
Dimethylphthalate
Concen: 47.194 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	163	Resp	795699
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.1	8.2	12.2

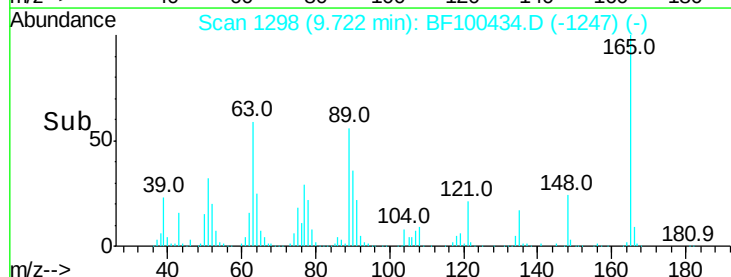
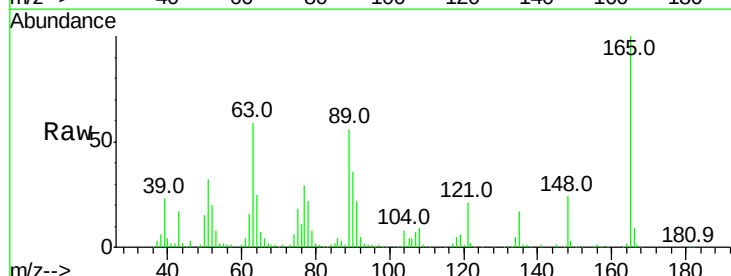
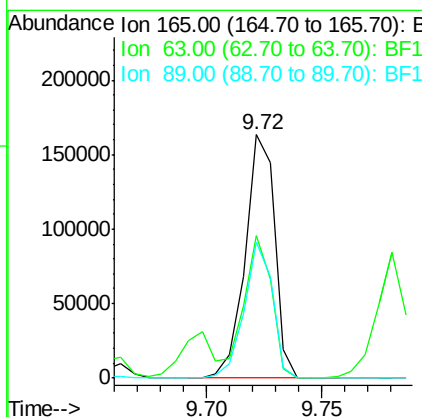
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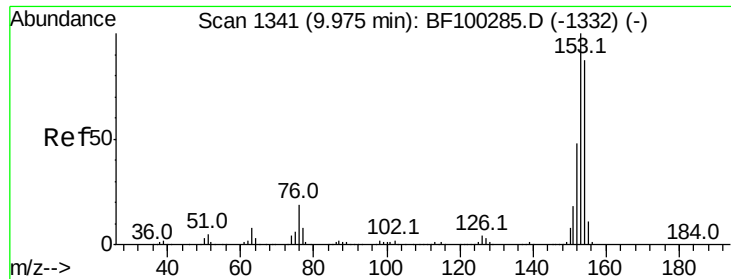
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#50
2,6-Dinitrotoluene
Concen: 44.010 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	165	Resp	146878
Ion Ratio	Lower	Upper	
165	100		
63	58.5	44.7	67.1
89	55.6	44.0	66.0





#51

Acenaphthene

Concen: 37.020 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

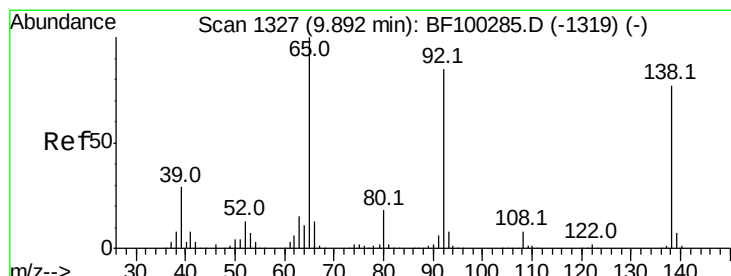
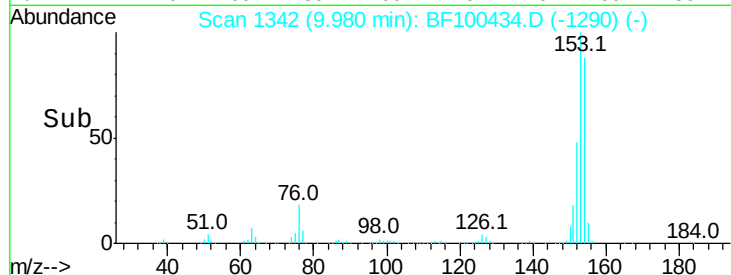
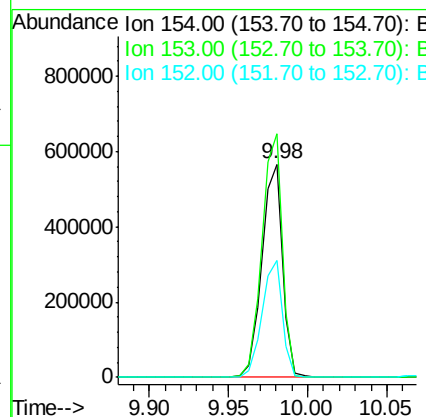
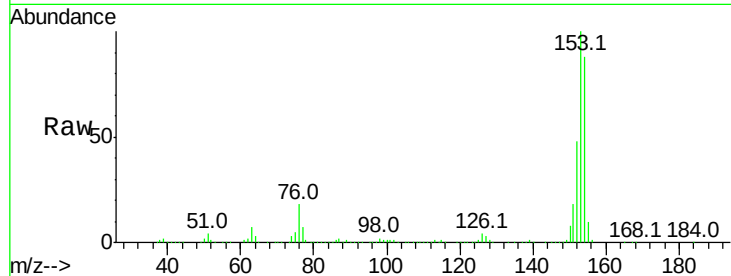
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:	154	Resp:	516981
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	55.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 36.947 ng

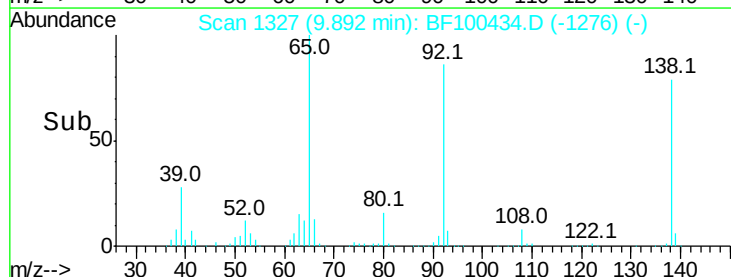
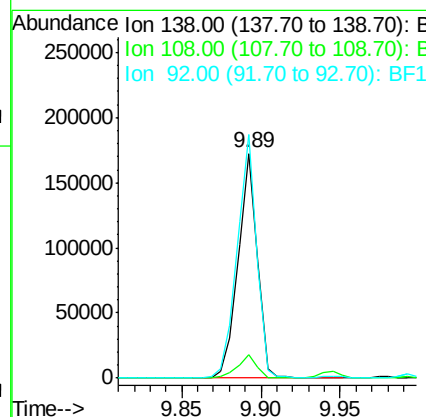
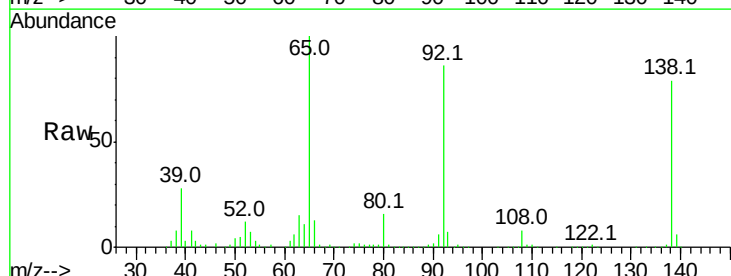
RT: 9.89 min Scan# 1327

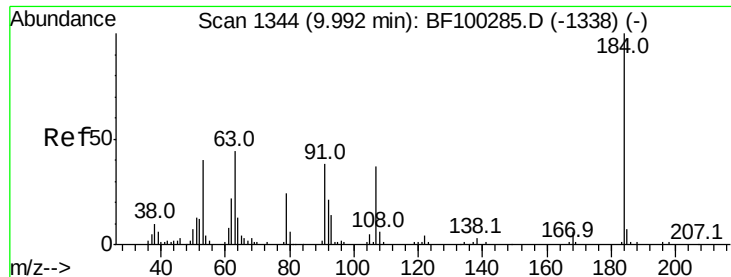
Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:	138	Resp:	145608
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	108.5	89.4	134.2





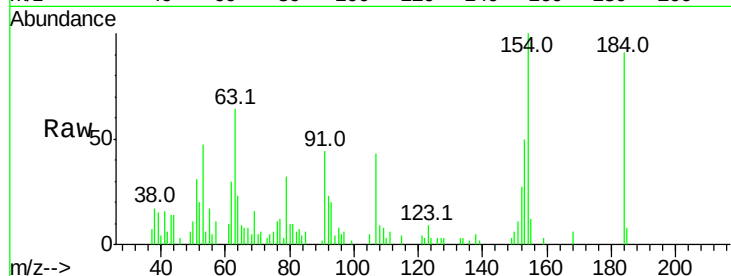
#53
2,4-Dinitrophenol
Concen: 16.084 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

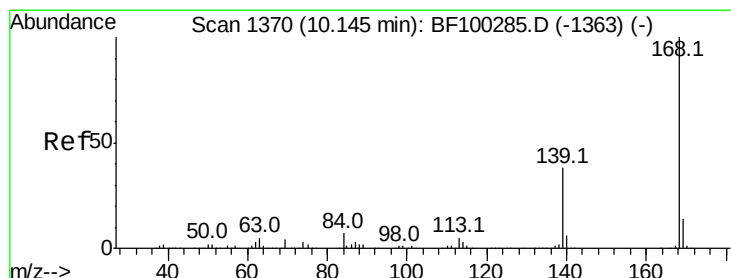
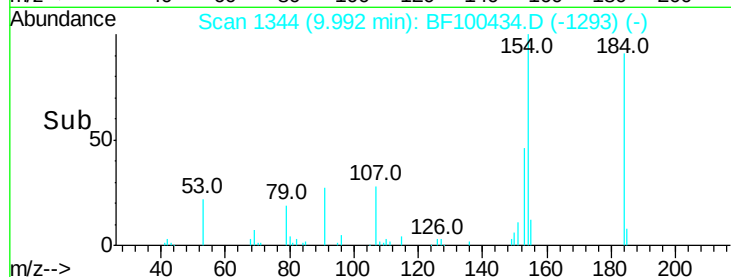
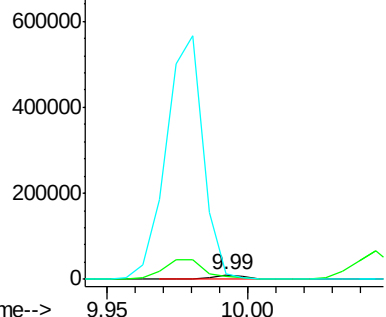
Tot Ion	Ratio	Lower	Upper
184	100		
63	70.3	54.2	81.2
154	110.4	184.0	276.0#

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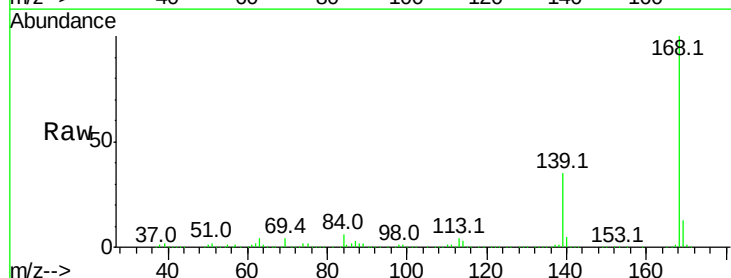


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

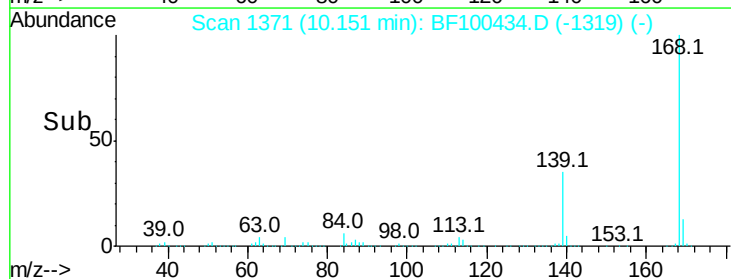
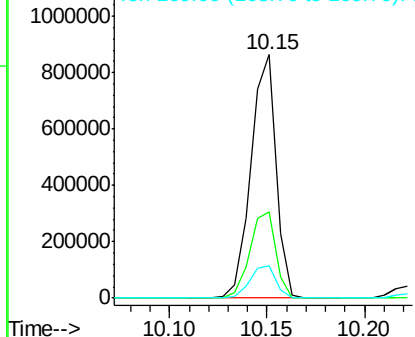


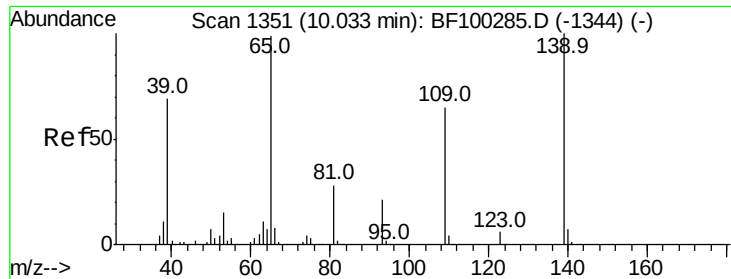
#54
Dibenzofuran
Concen: 39.296 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.5	30.1	45.1
169	13.5	10.9	16.3



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





#55

4-Nitrophenol

Concen: 69.154 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

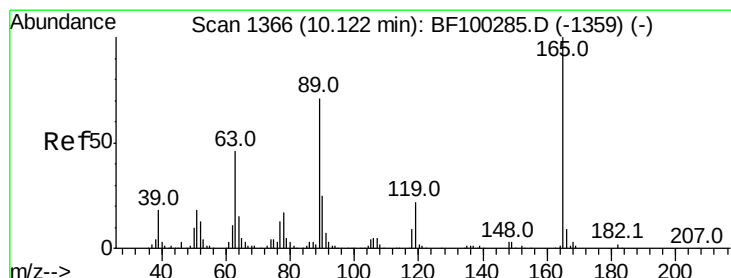
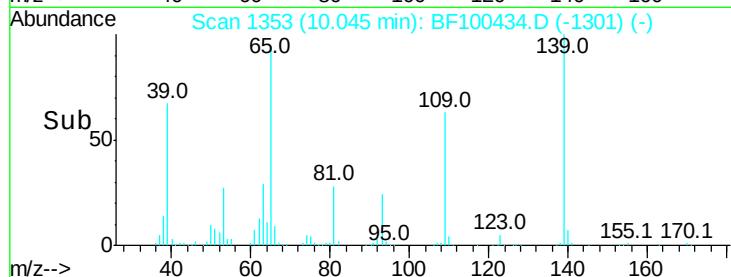
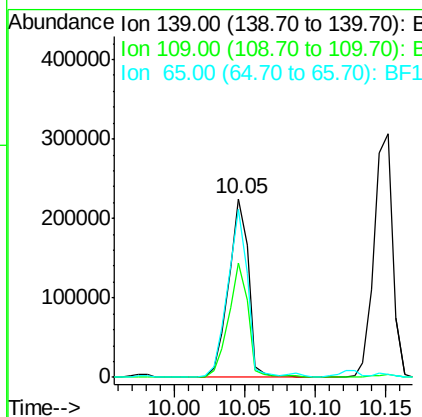
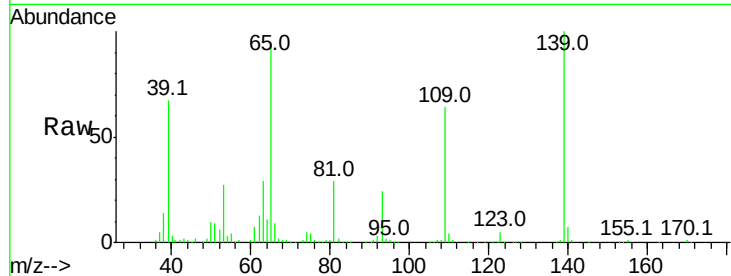
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:	139	Resp:	221293
Ion	Ratio	Lower	Upper
139	100		
109	63.7	48.4	88.4
65	93.8	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 41.341 ng

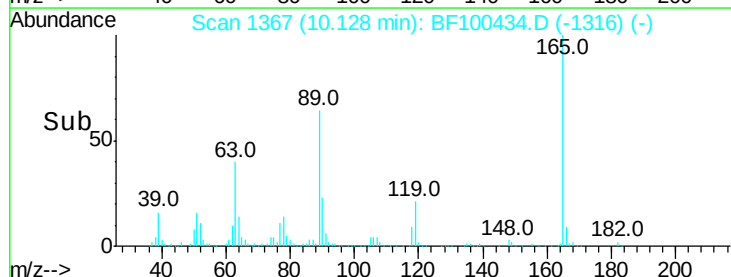
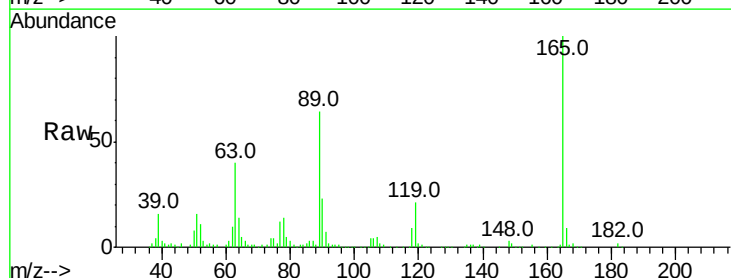
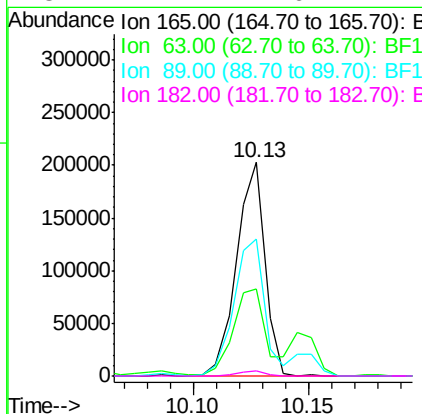
RT: 10.13 min Scan# 1367

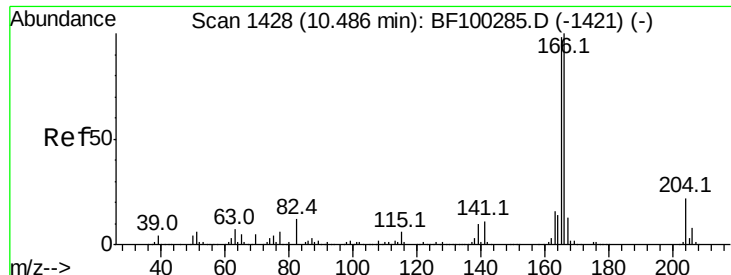
Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:	165	Resp:	174058
Ion	Ratio	Lower	Upper
165	100		
63	40.5	36.4	54.6
89	64.4	57.8	86.6
182	2.4	1.6	2.4





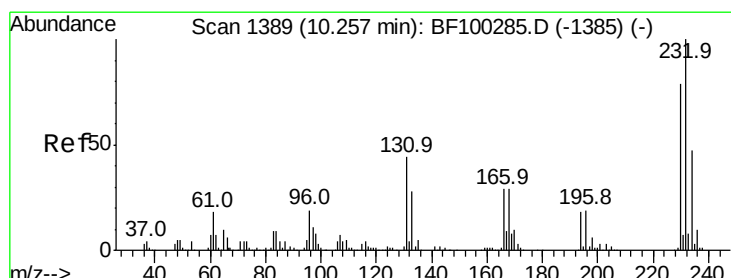
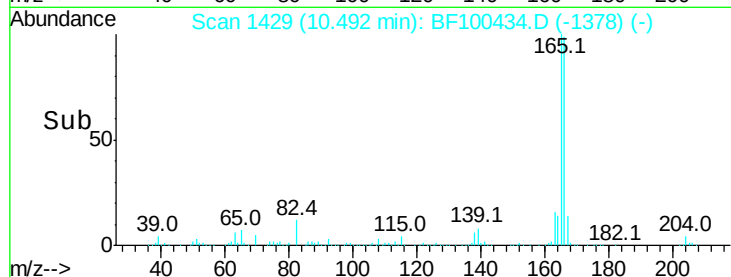
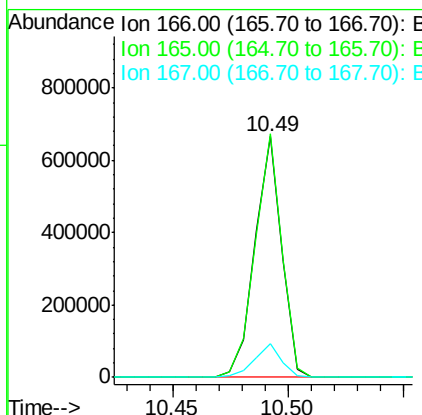
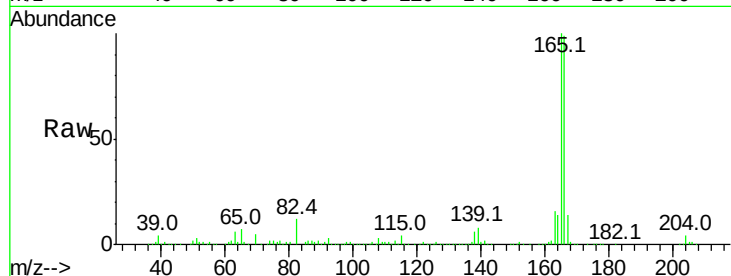
#57
 Fluorene
 Concen: 37.792 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.1	79.8	119.8	
167	13.7	10.6	16.0	

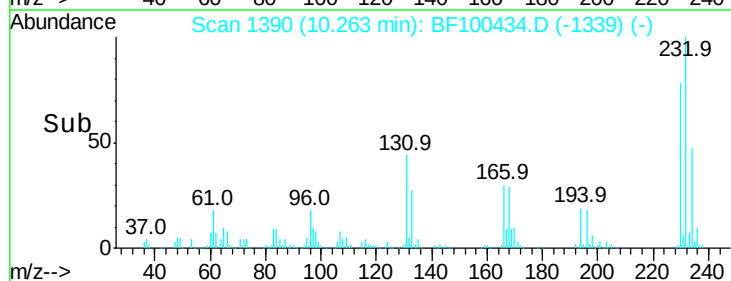
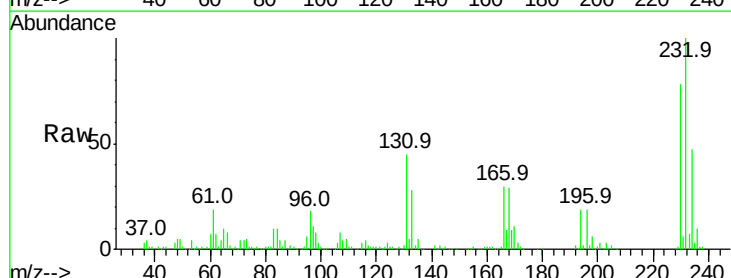
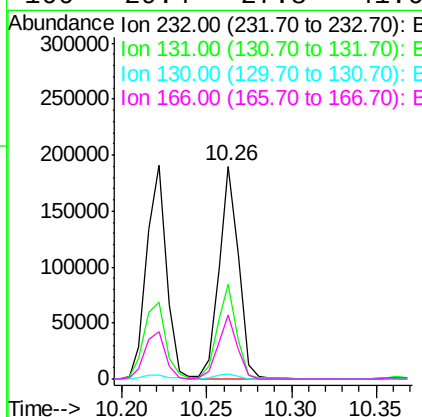
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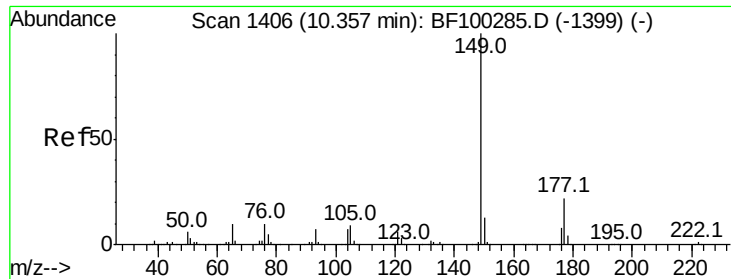
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.129 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	43.7	43.8	65.8#	
130	2.7	2.1	3.1	
166	29.4	27.8	41.6	





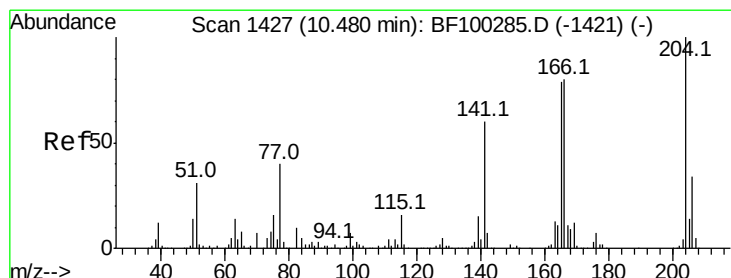
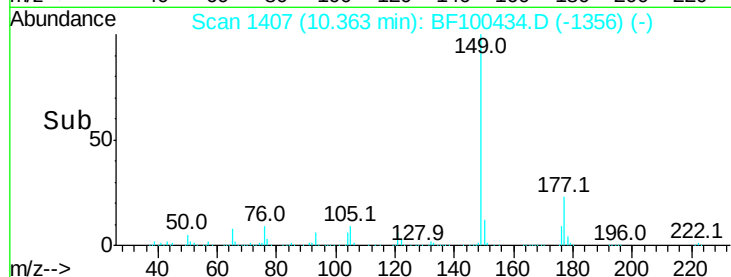
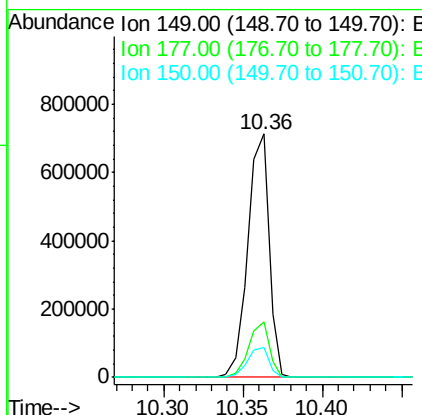
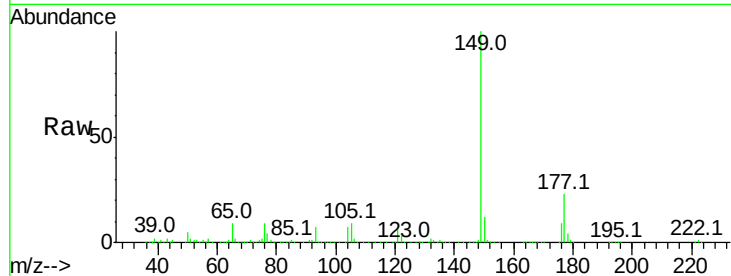
#59
Diethylphthalate
Concen: 39.345 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	663845		
177	22.9	16.1	24.1	
150	12.4	10.1	15.1	

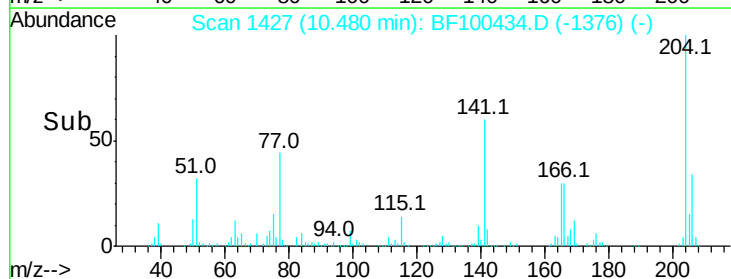
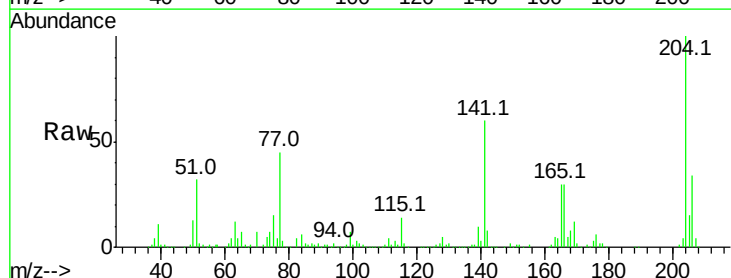
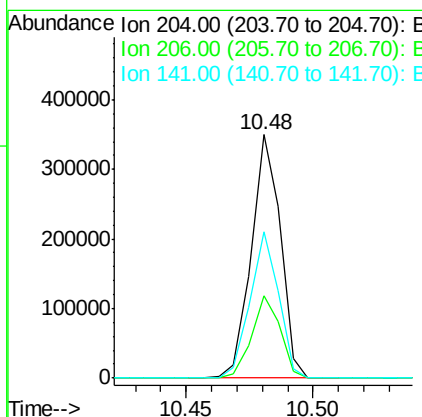
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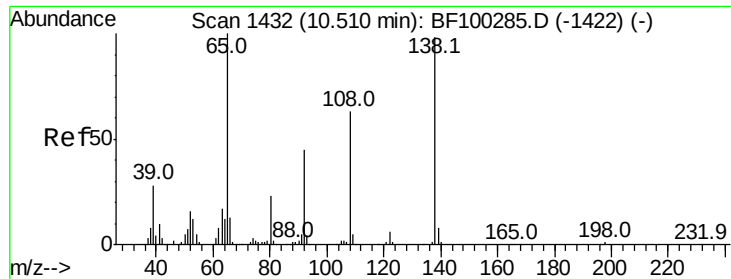
SOHIL
11/13/2017 4:54:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.802 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	279963		
206	33.6	26.5	39.7	
141	60.3	54.6	81.8	





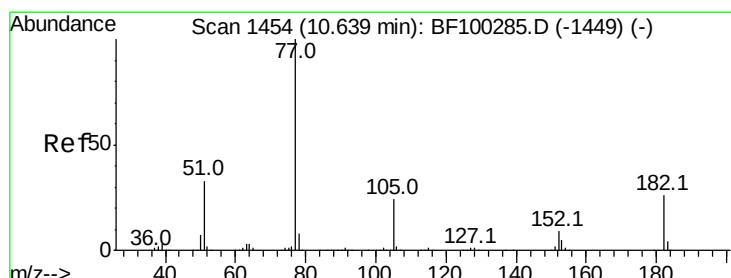
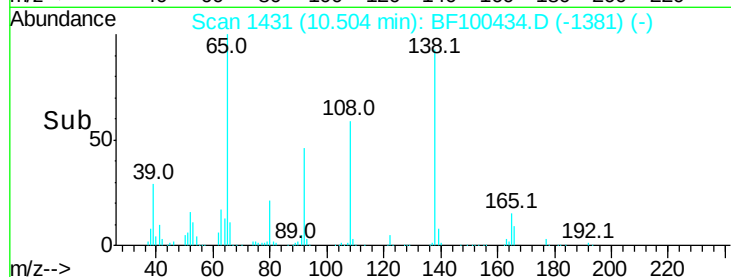
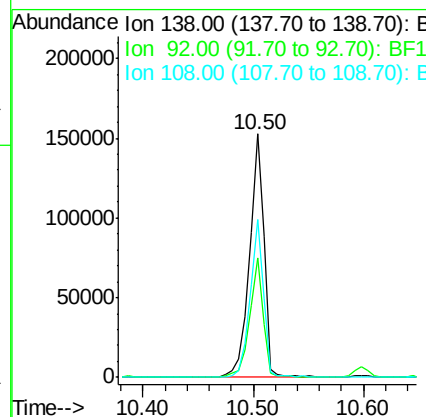
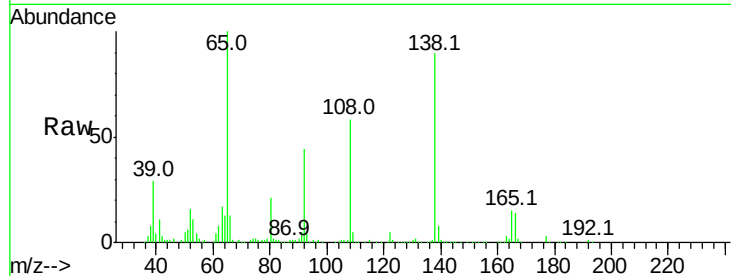
#61
4-Nitroaniline
Concen: 37.843 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.3	30.2	70.2
108	64.8	52.5	92.5

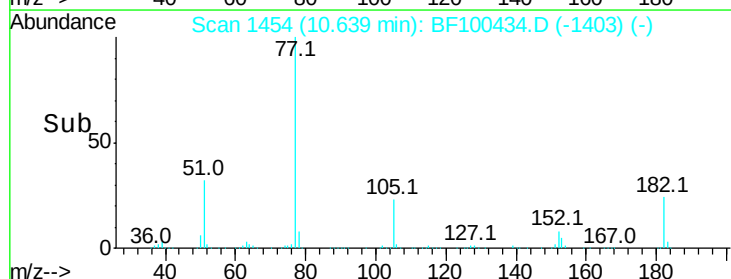
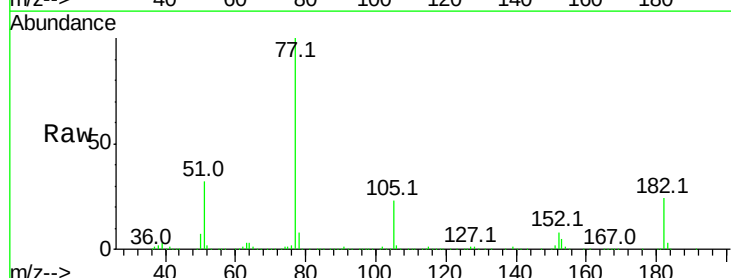
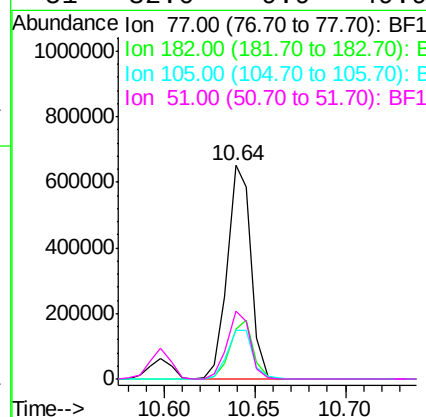
Manual Integrations
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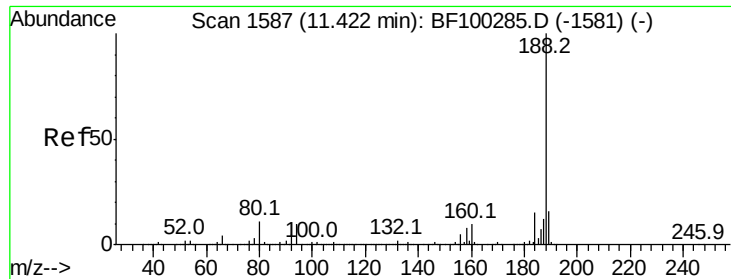
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#62
Azobenzene
Concen: 37.035 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	1.7	41.7
105	22.9	3.0	43.0
51	32.0	9.9	49.9





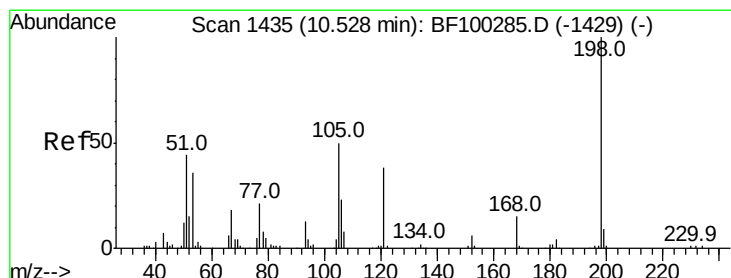
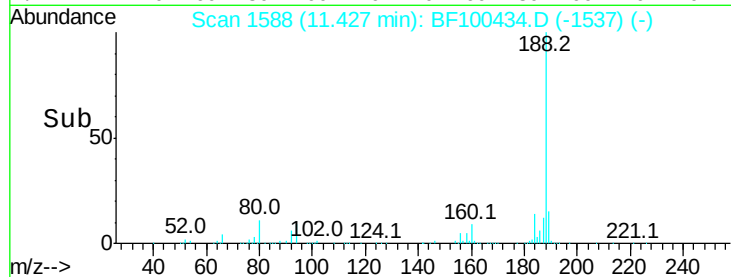
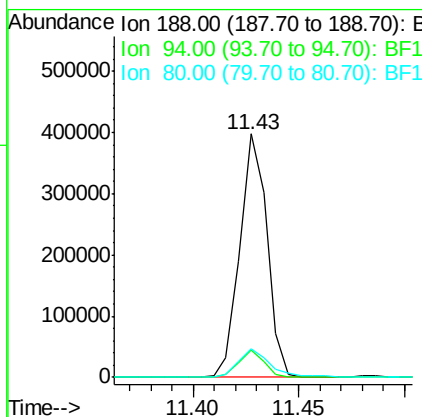
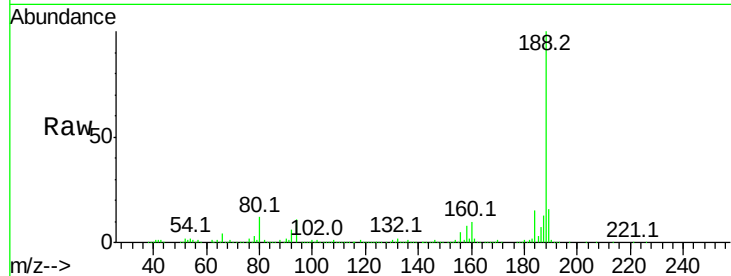
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.3	8.5	12.7	
80	11.8	9.2	13.8	

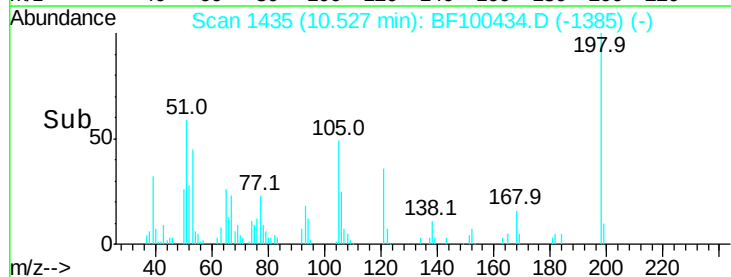
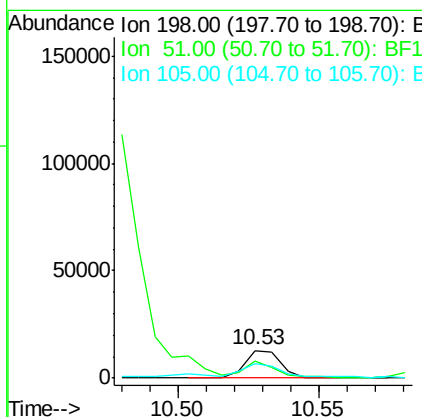
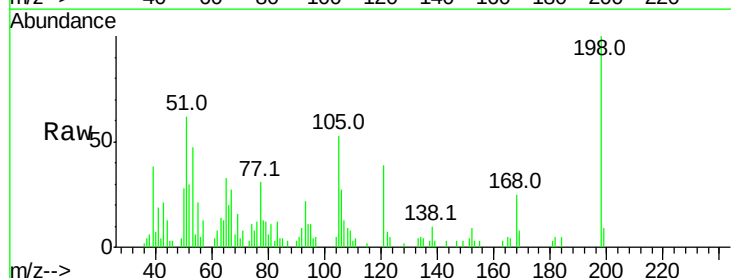
Manual Integrations
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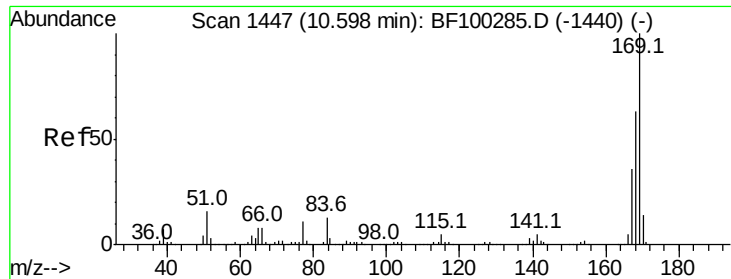
SOHIL
11/13/2017 4:54:13 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 13.843 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	61.8	37.7	77.7	
105	53.4	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 43.055 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

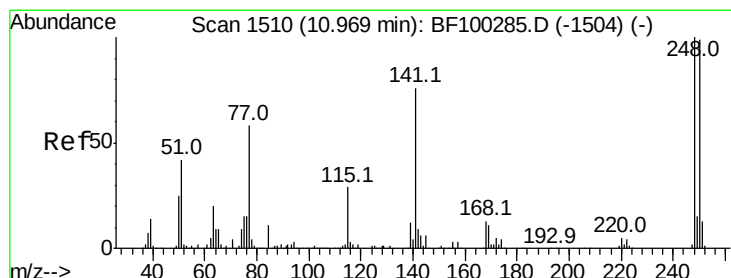
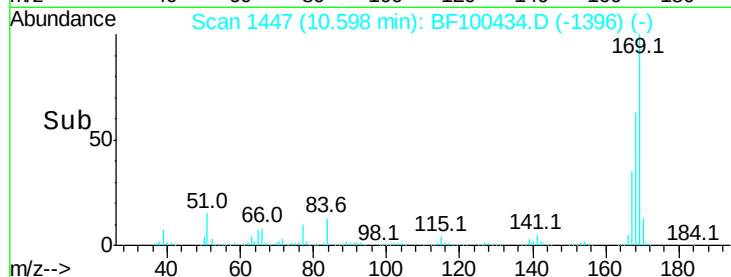
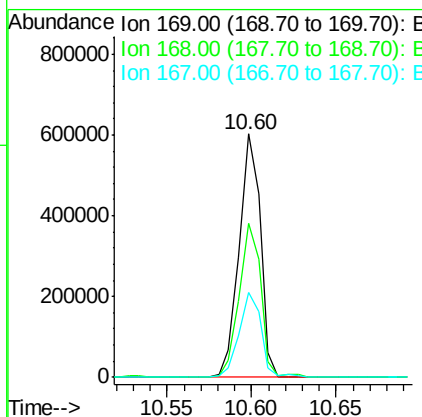
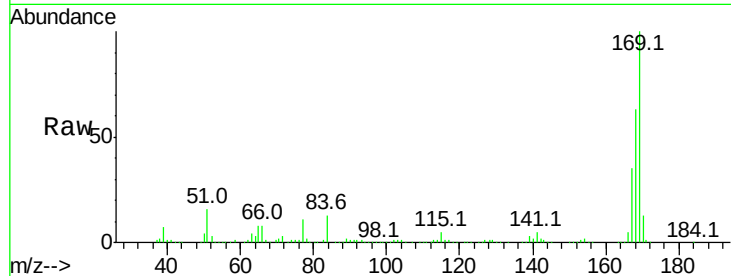
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:	169	Resp:	529169
Ion Ratio	Lower	Upper	
169	100		
168	63.2	54.4	81.6
167	35.0	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 44.466 ng

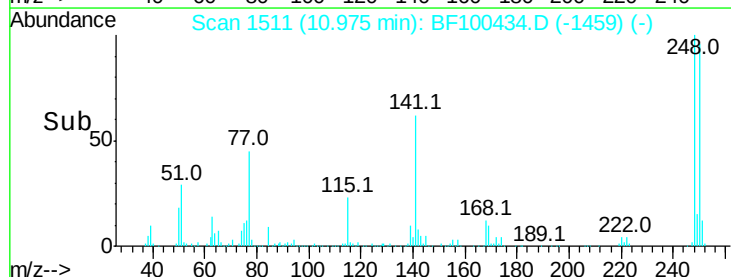
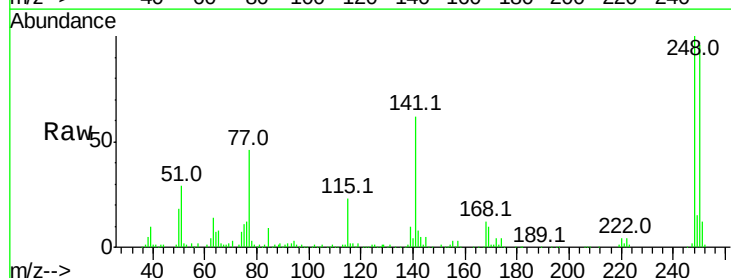
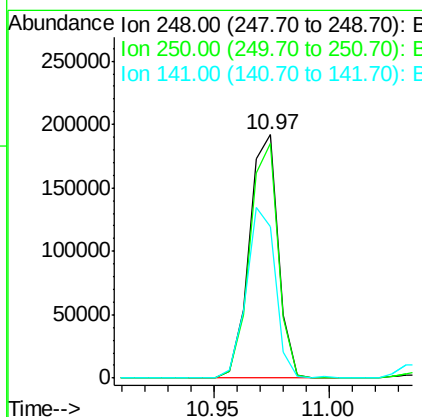
RT: 10.97 min Scan# 1511

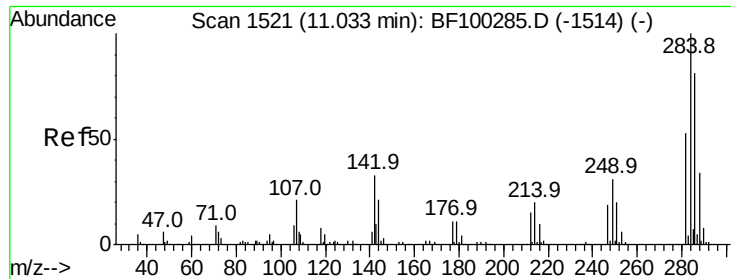
Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:	248	Resp:	168490
Ion Ratio	Lower	Upper	
248	100		
250	96.4	76.9	115.3
141	62.4	74.4	111.6#





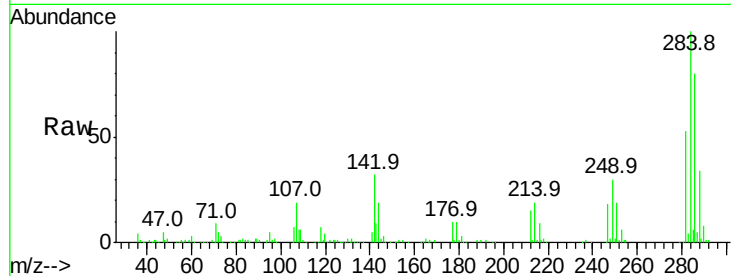
#67
Hexachlorobenzene
Concen: 41.084 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

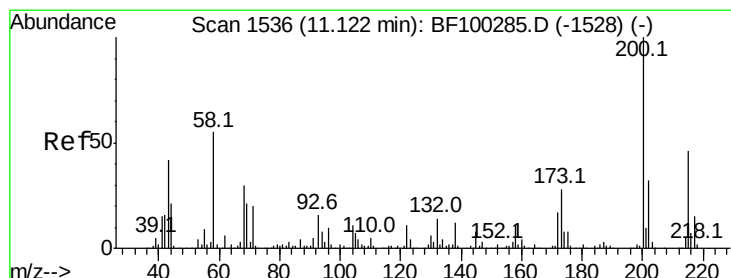
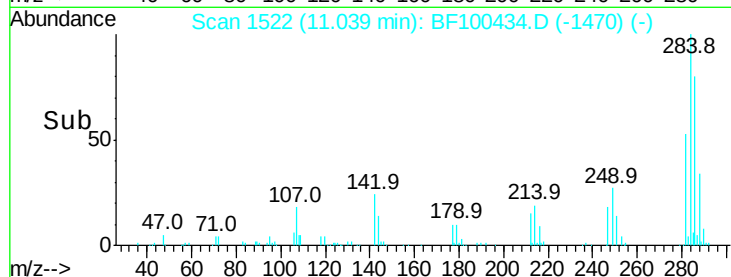
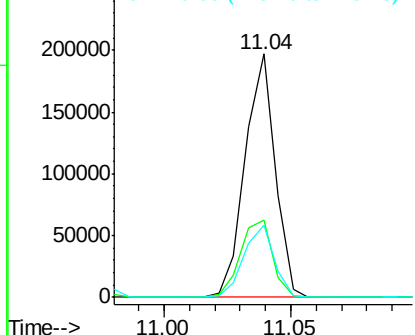
Tot Ion	Ratio	Resp	Lower	Upper
284	100	162816		
142	31.6	34.6	52.0#	
249	29.7	24.8	37.2	

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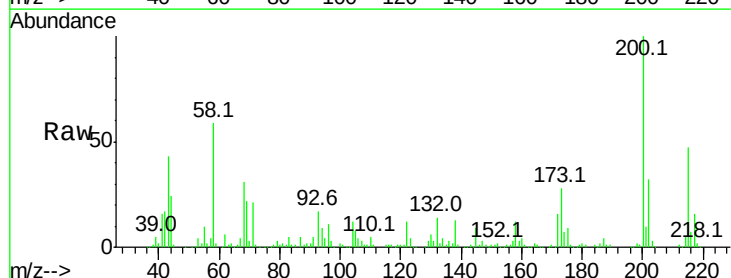


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

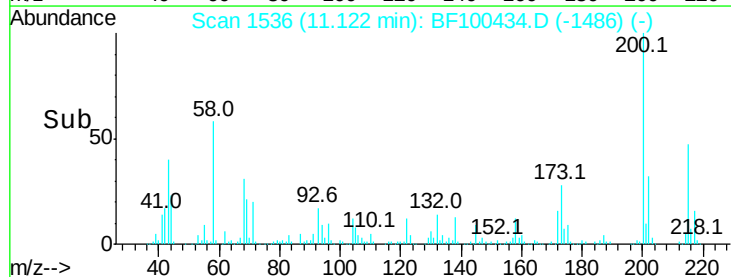
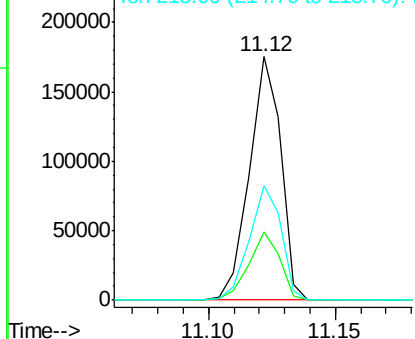


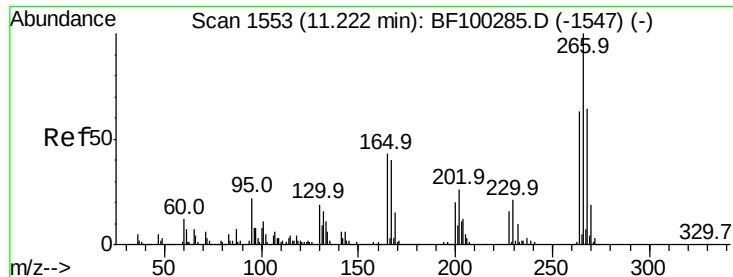
#68
Atrazine
Concen: 40.733 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	151544		
173	27.8	8.6	48.6	
215	46.9	25.1	65.1	



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





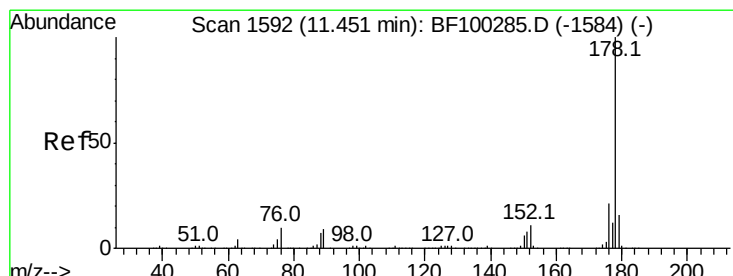
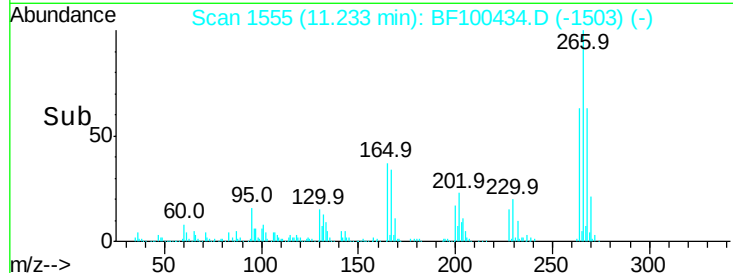
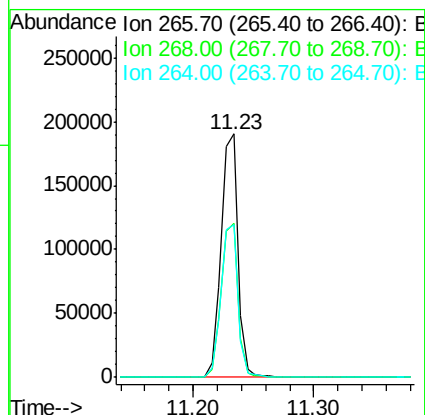
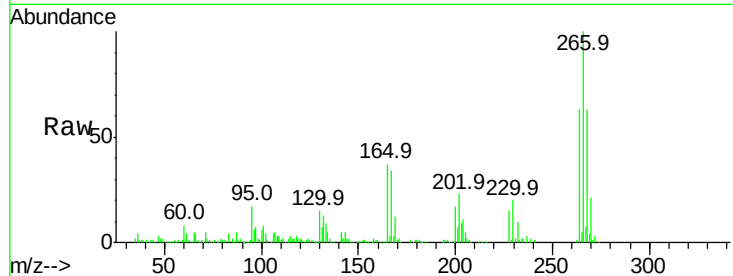
#69
 Pentachlorophenol
 Concen: 64.314 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	182761		
268	63.4	51.1	76.7	
264	62.6	49.5	74.3	

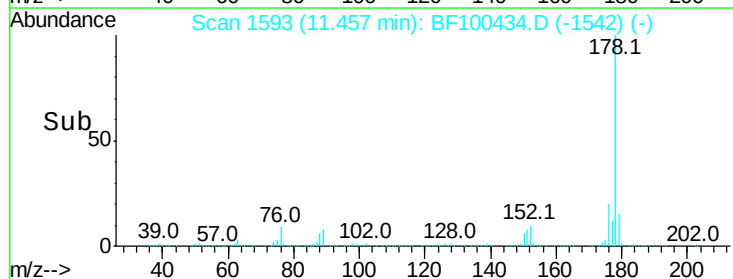
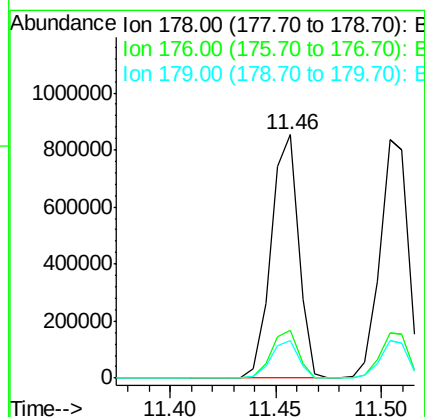
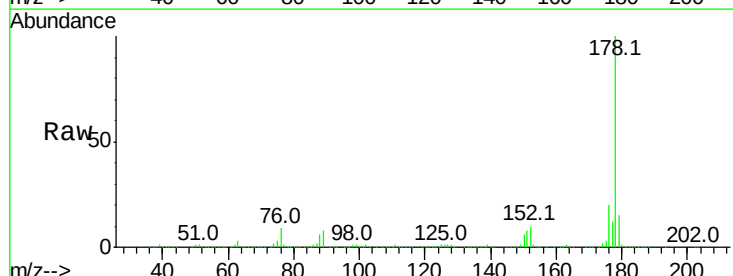
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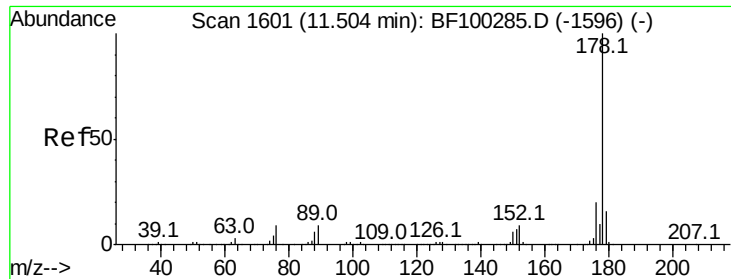
SOHIL
 11/13/2017 4:54:13 PM



#70
 Phenanthrene
 Concen: 41.421 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	770885		
176	19.8	15.8	23.8	
179	15.3	13.0	19.6	





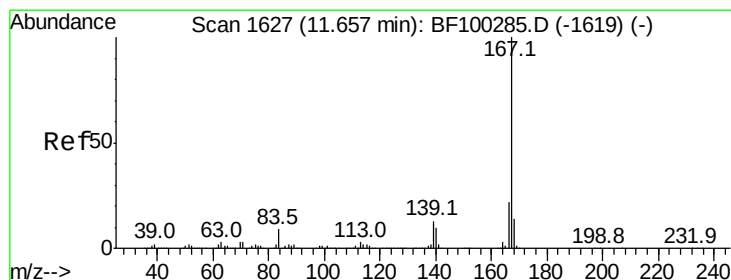
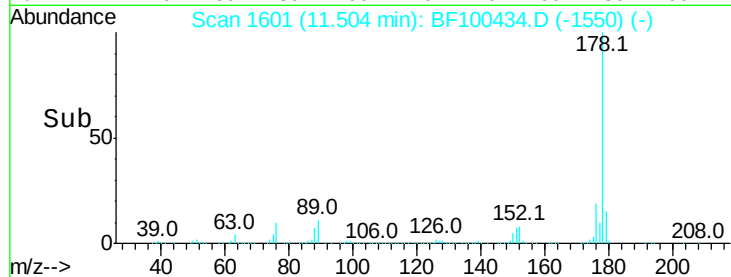
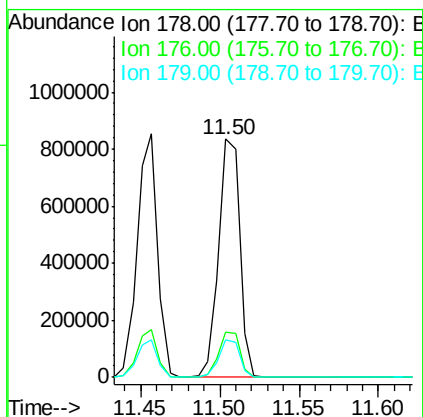
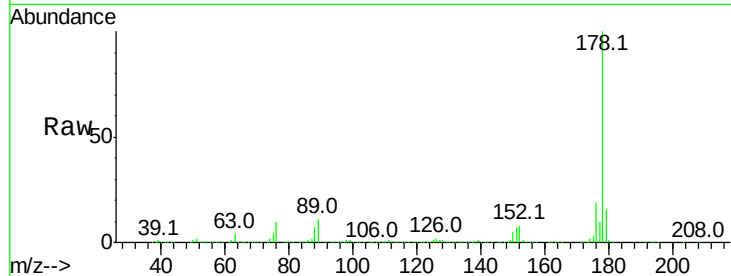
#71
 Anthracene
 Concen: 41.030 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	19.0

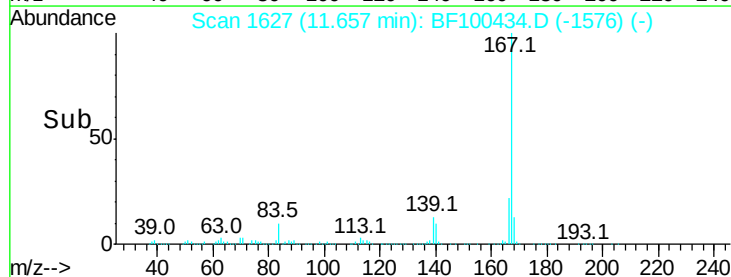
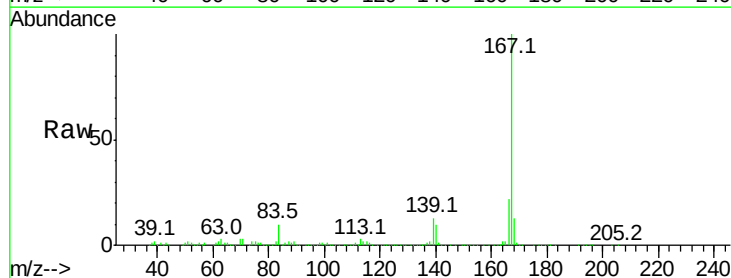
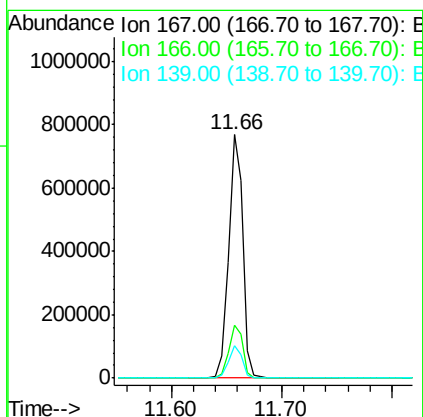
Manual Integrations
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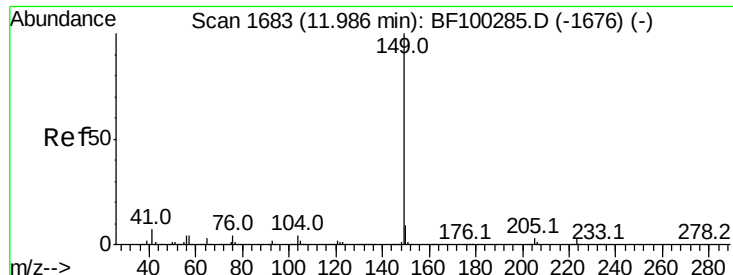
SOHIL
 11/13/2017 4:54:13 PM



#72
 Carbazole
 Concen: 39.682 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.940 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

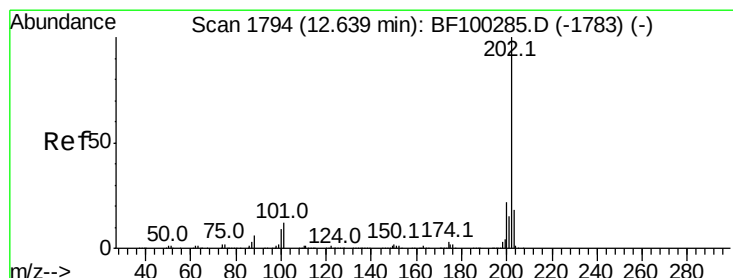
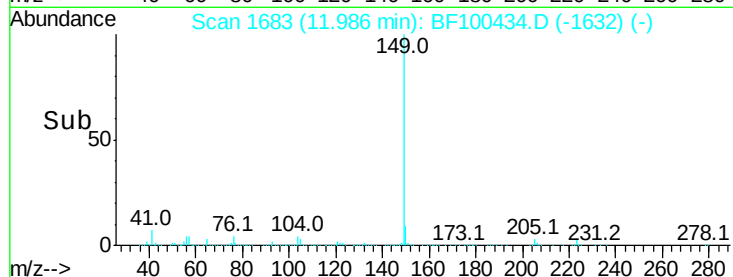
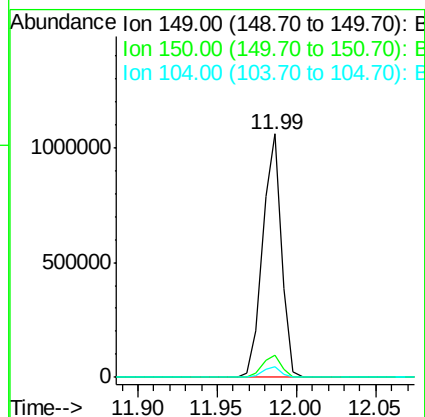
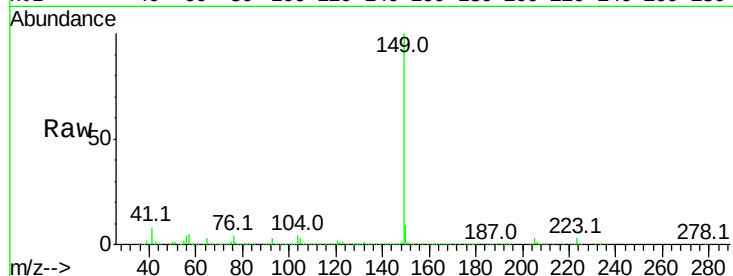
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:	149	Resp:	875459
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 42.550 ng

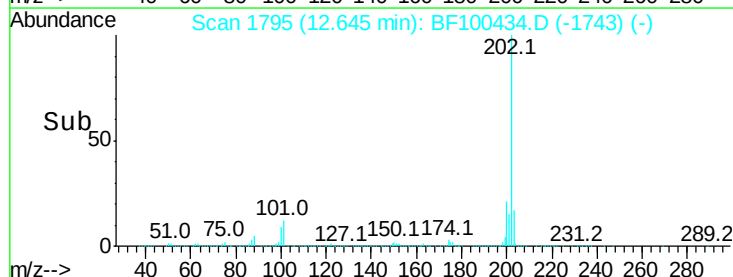
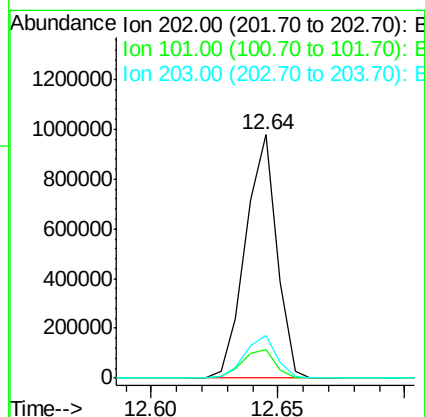
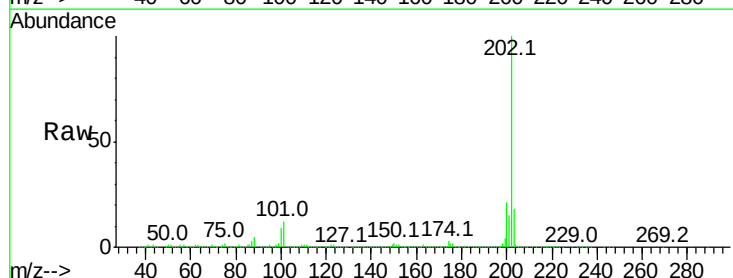
RT: 12.64 min Scan# 1795

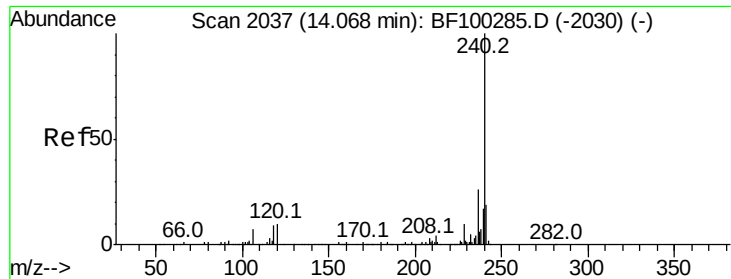
Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:	202	Resp:	839254
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	17.5	0.0	38.1





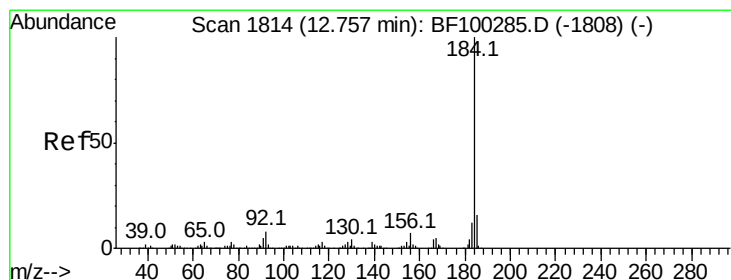
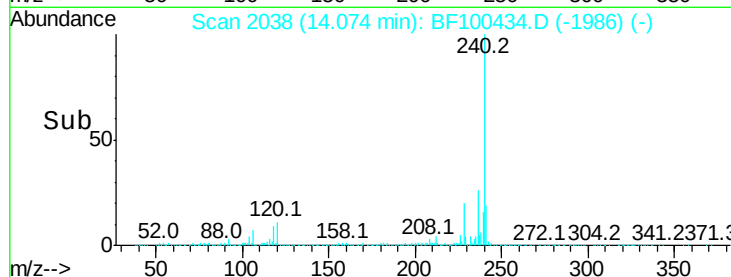
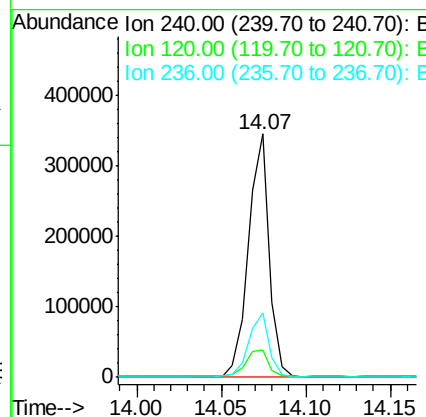
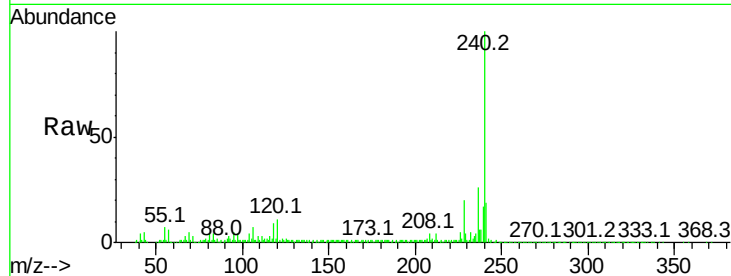
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.5	20.7	31.1

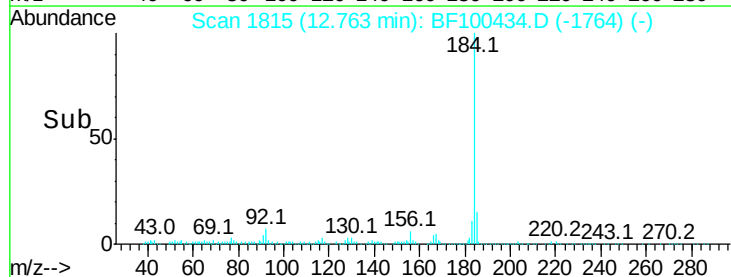
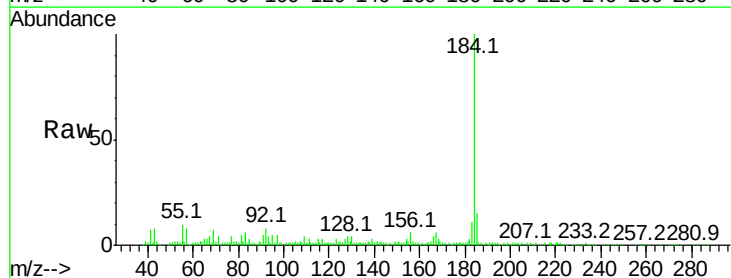
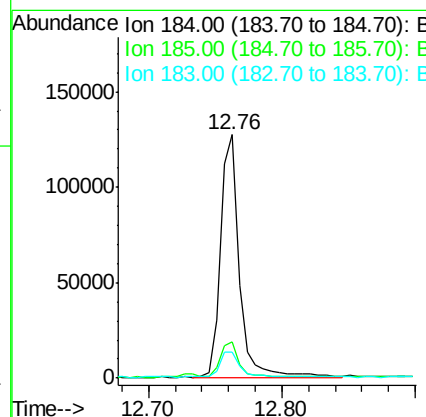
Manual Integrations
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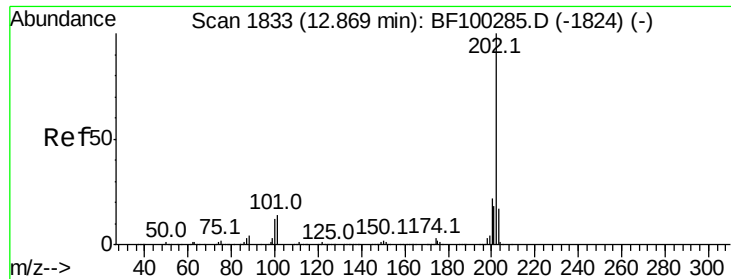
SOHIL
11/13/2017 4:54:13 PM



#76
Benzidine
Concen: 10.850 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	14.9	12.6	18.8
183	10.9	9.3	13.9





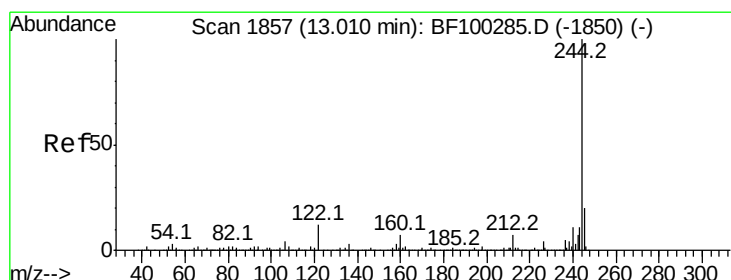
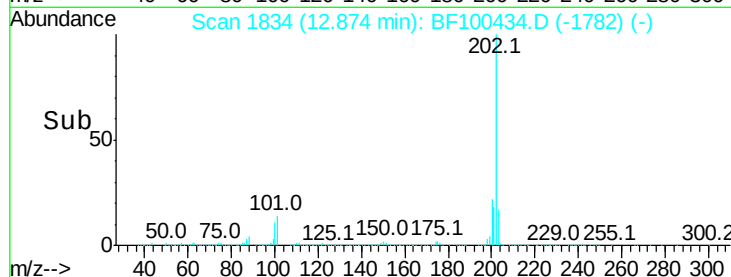
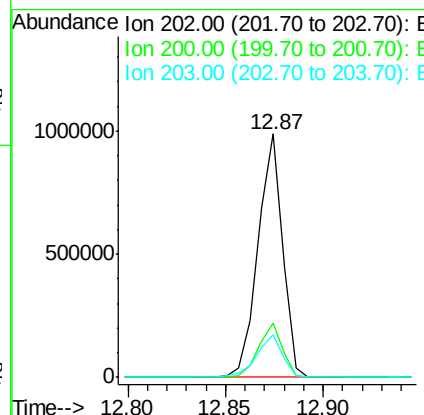
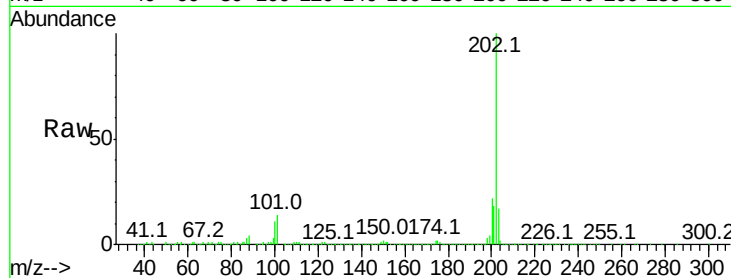
#77
Pvrene
Concen: 41.093 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.3	14.3	21.5

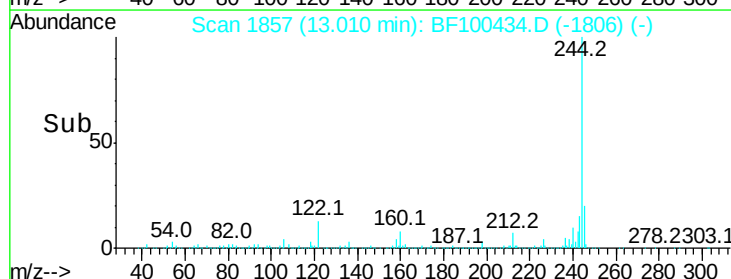
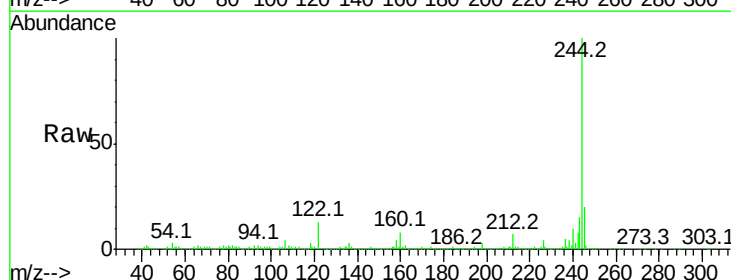
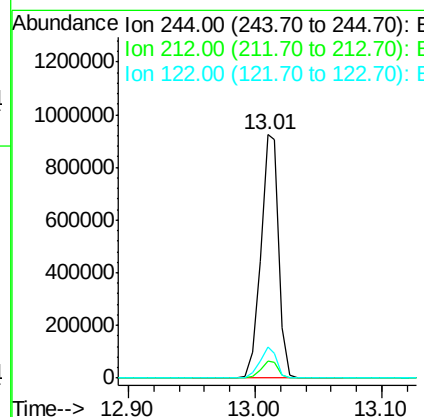
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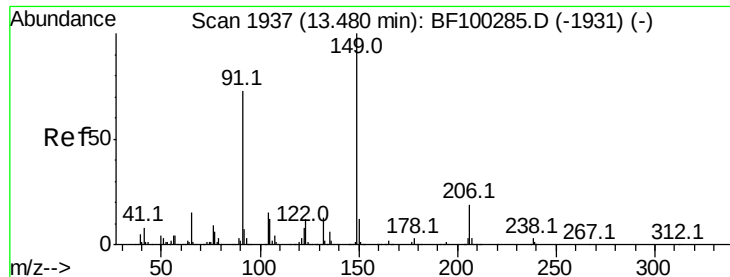
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#78
Terphenyl-d14
Concen: 71.494 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.8	11.0	16.4





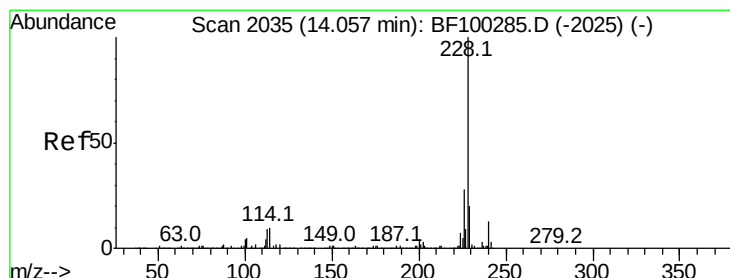
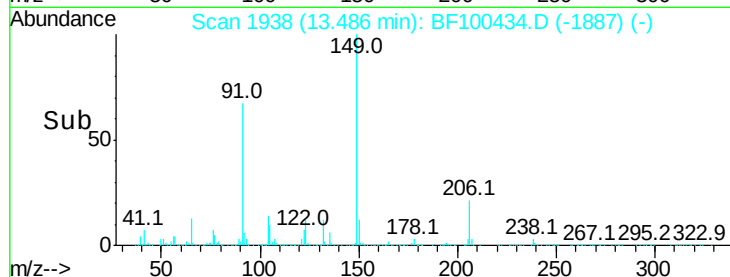
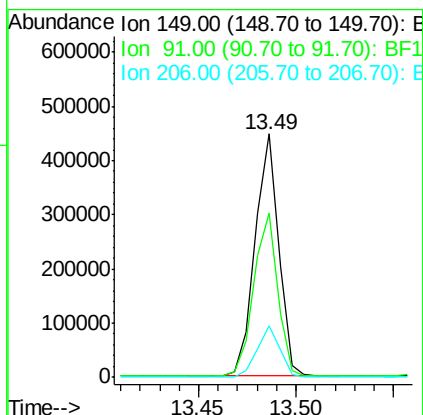
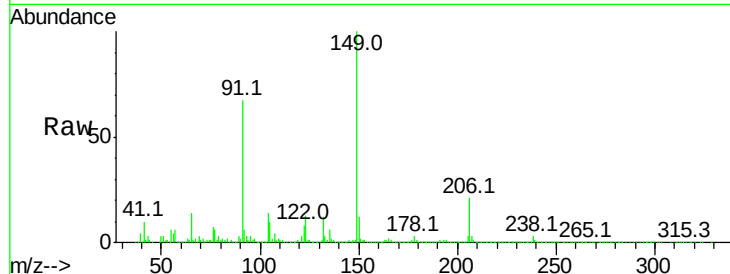
#79
Butylbenzylphthalate
Concen: 43.882 ng
RT: 13.49 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.5	56.8	85.2
206	21.3	14.1	21.1

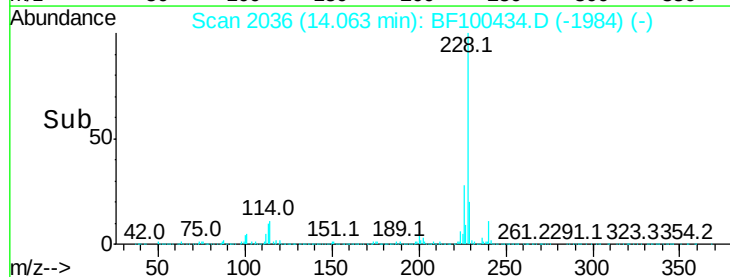
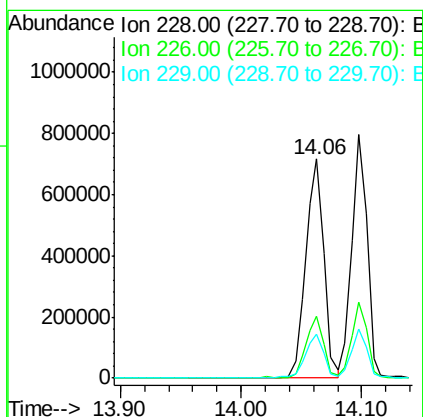
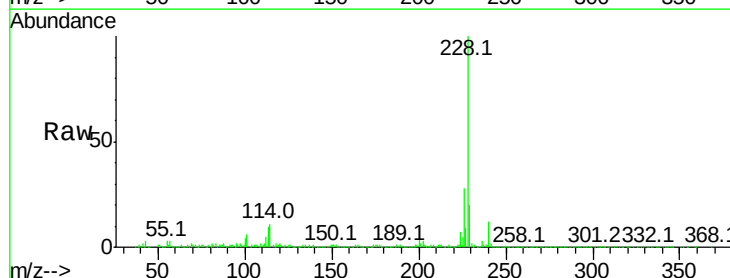
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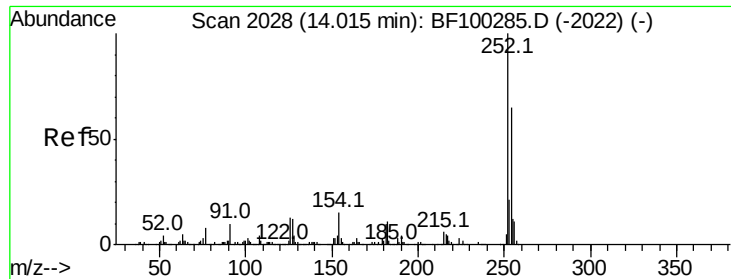
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#80
Benzo(a)anthracene
Concen: 42.155 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.0	15.8	23.6





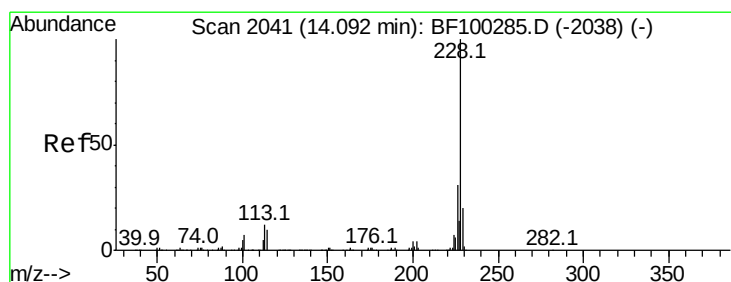
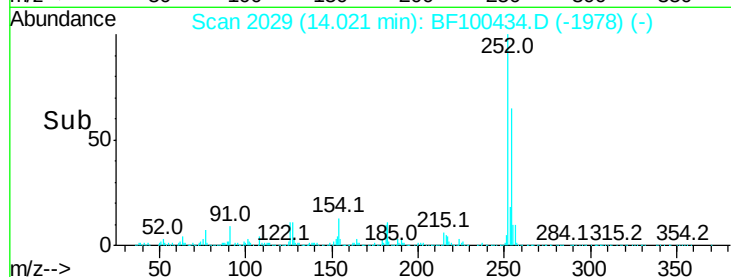
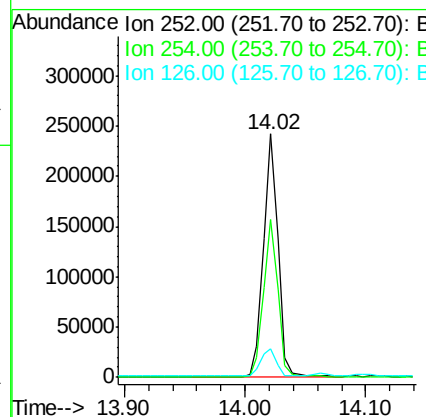
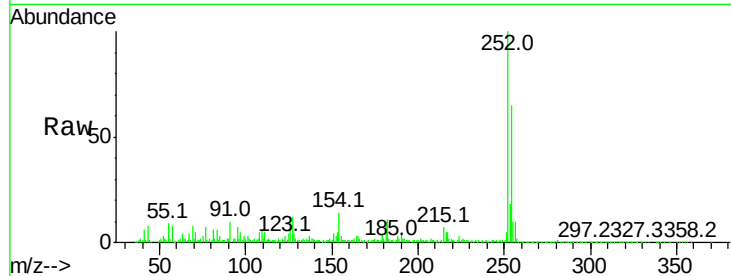
#81
 3,3'-Dichlorobenzidine
 Concen: 32.455 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	11.9	11.3	16.9

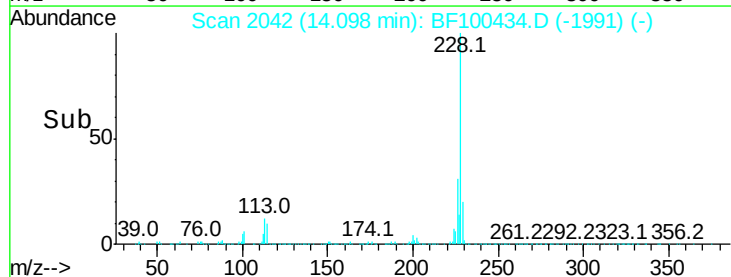
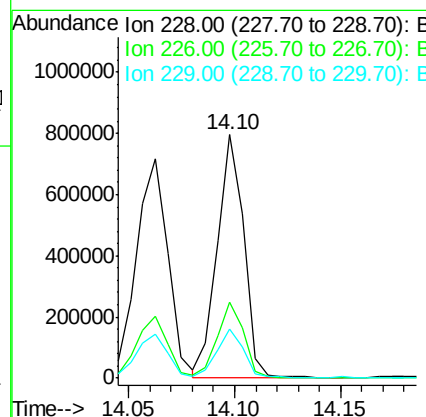
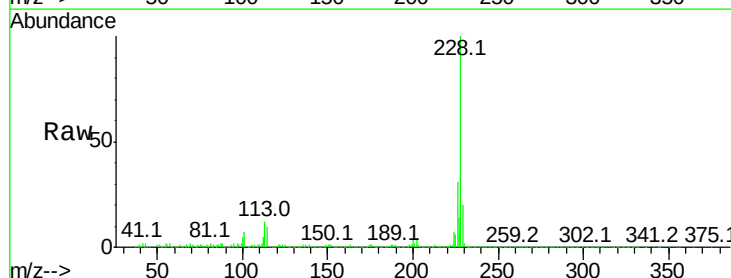
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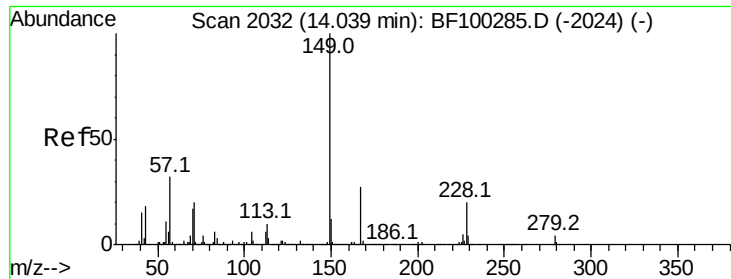
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#82
 Chrysene
 Concen: 40.684 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.1	16.2	24.4





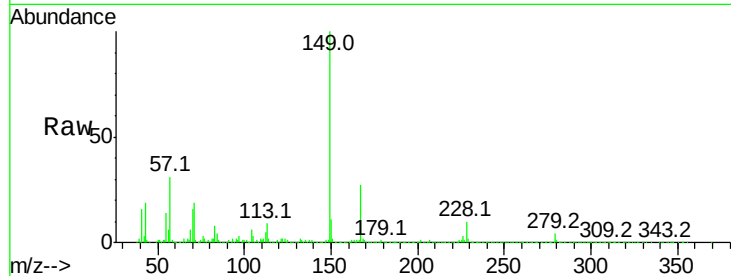
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.059 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

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

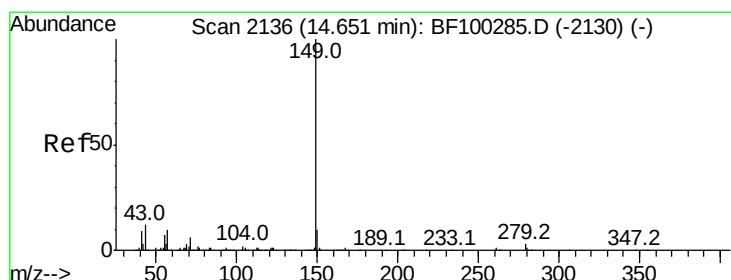
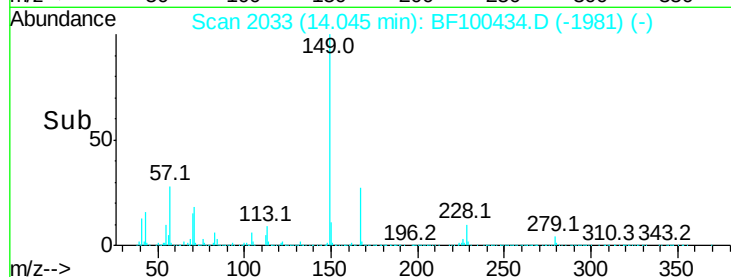
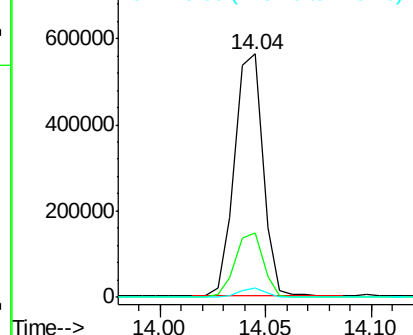
Tot Ion	Ratio	Resp	Lower	Upper
149	100	517012		
167	26.6	21.3	31.9	
279	3.9	3.0	4.4	

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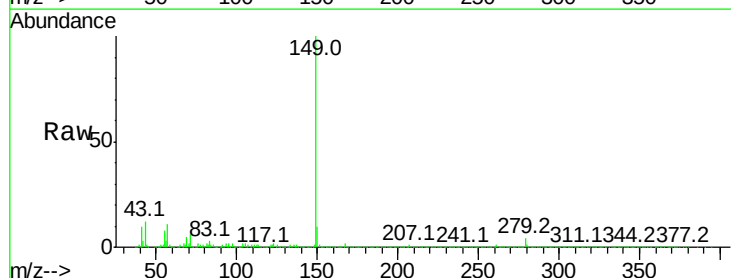


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

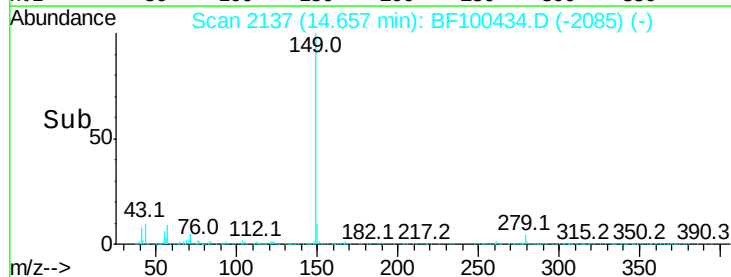
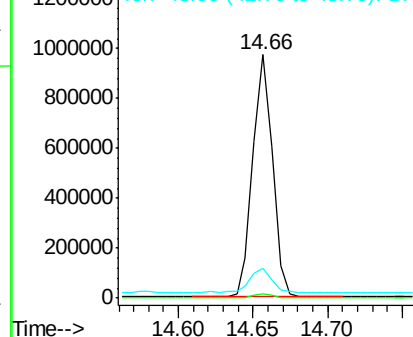


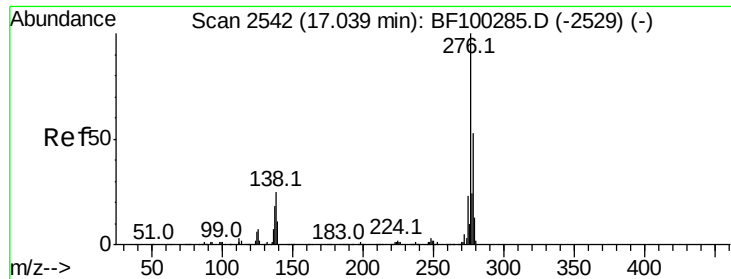
#84
 Di-n-octyl phthalate
 Concen: 46.008 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. 0.01 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	887206		
167	1.5	1.2	1.8	
43	11.5	8.4	12.6	



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.534 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Instrument :

BNA_F

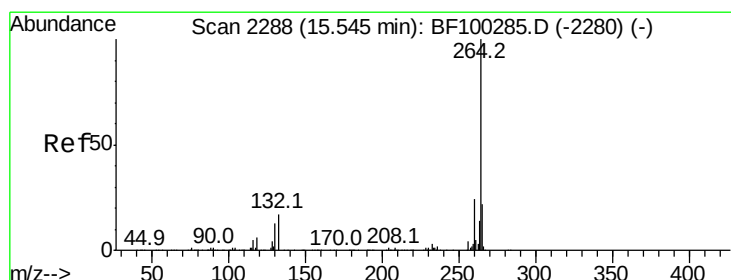
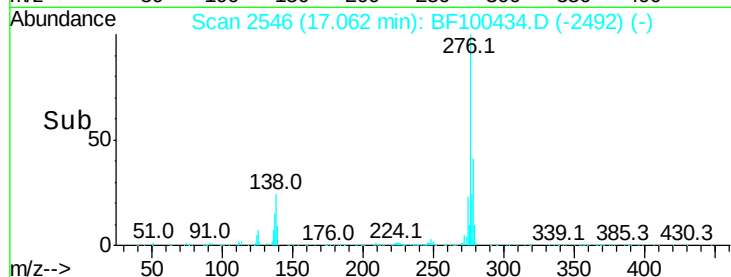
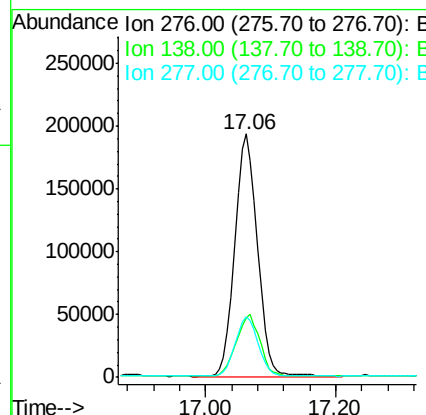
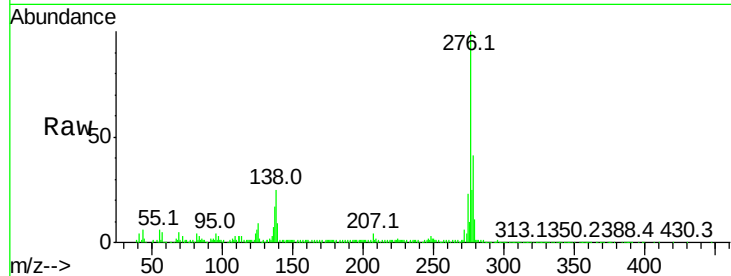
ClientSampleId :

TP-13-A-13-BMSD

Tot Ion:	276	Resp:	464358
Ion Ratio	Lower	Upper	
276	100		
138	26.3	25.0	37.6
277	24.5	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

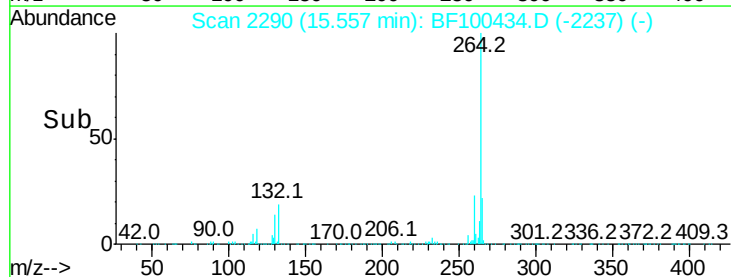
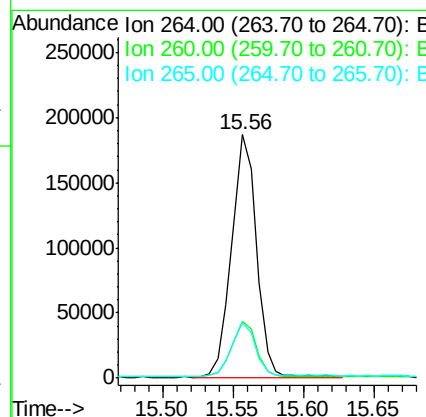
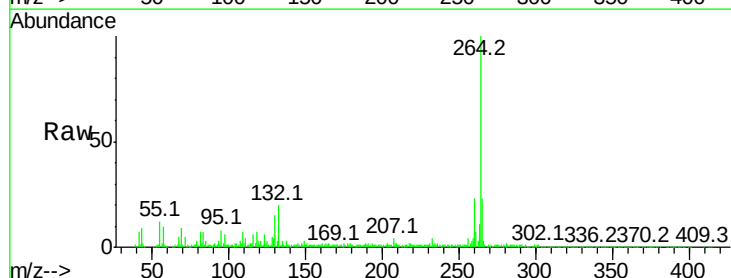
RT: 15.56 min Scan# 2290

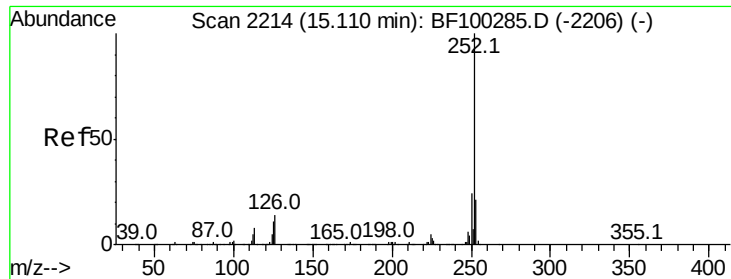
Delta R.T. 0.01 min

Lab File: BF100434.D

Acq: 11 Nov 2017 12:21

Tgt Ion:	264	Resp:	229435
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	22.7	17.5	26.3





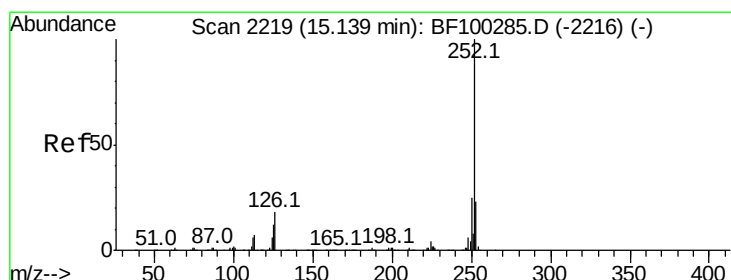
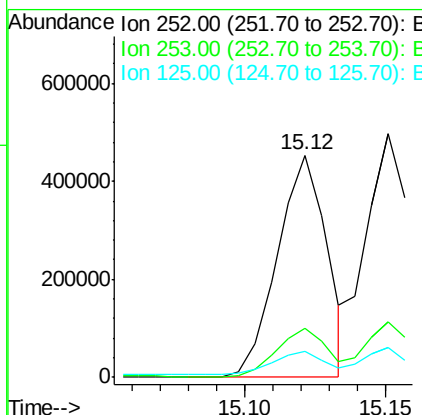
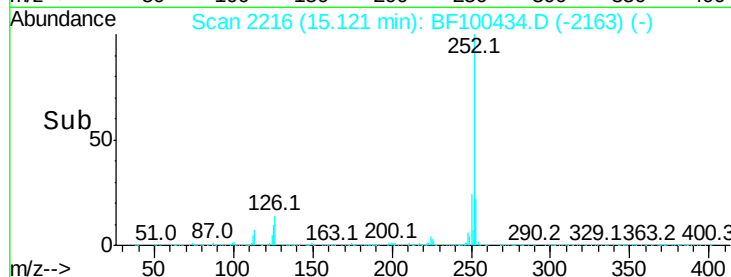
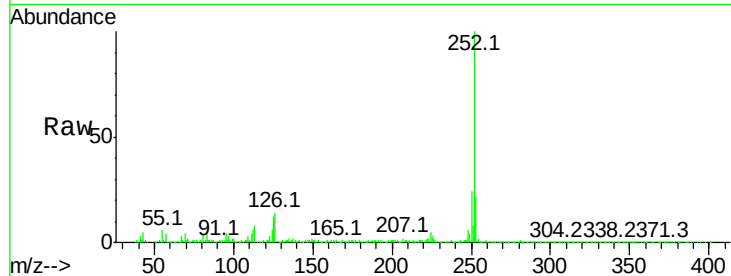
#87
Benzo(b)fluoranthene
Concen: 40.412 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.7	9.0	13.6

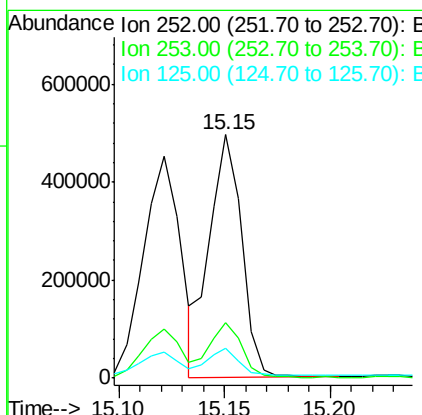
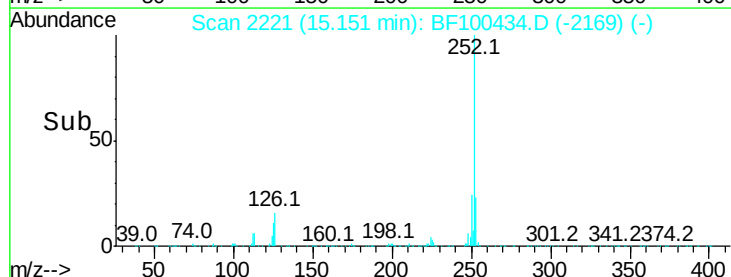
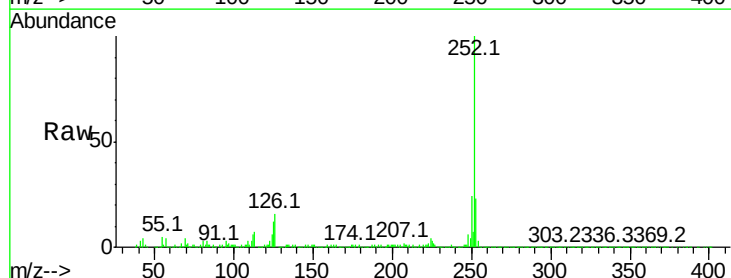
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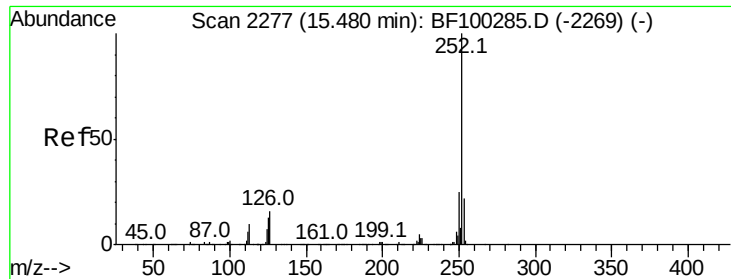
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#88
Benzo(k)fluoranthene
Concen: 40.987 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.1	10.2	15.2





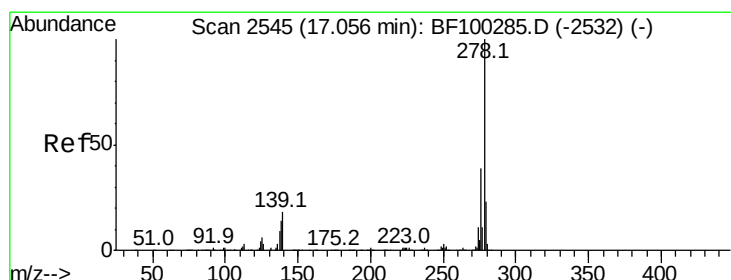
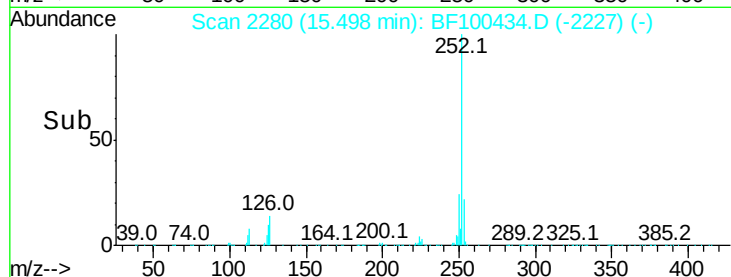
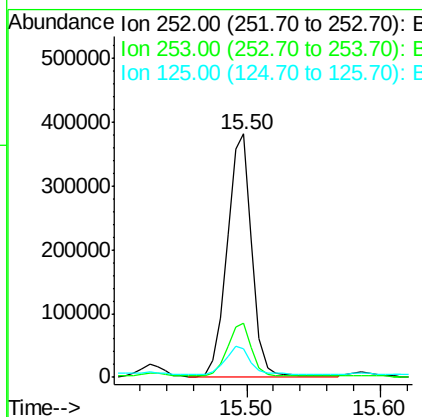
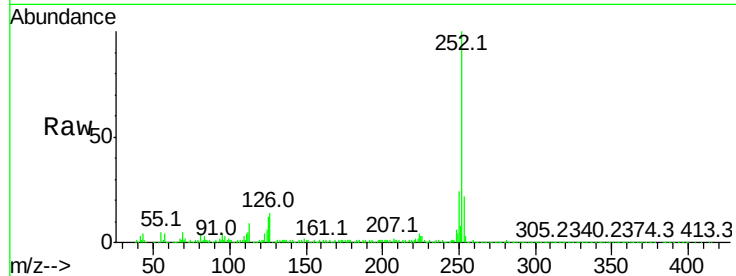
#89
Benzo(a)pyrene
Concen: 40.738 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	490910		
253	22.3	17.1	25.7	
125	11.8	9.8	14.6	

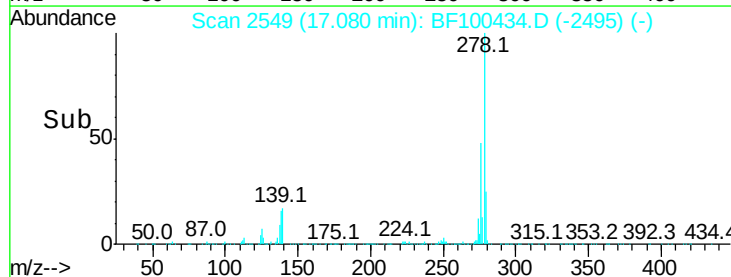
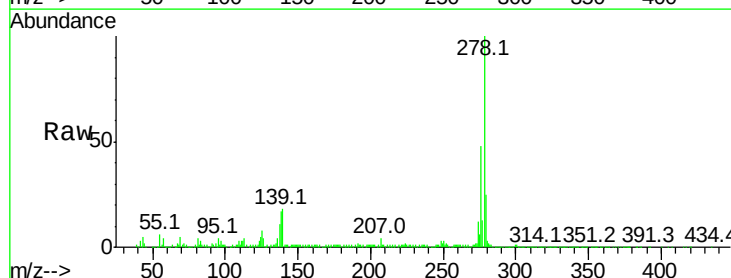
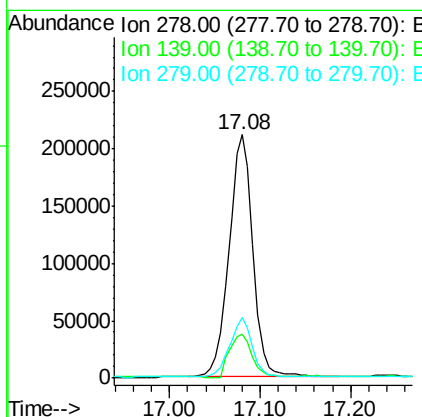
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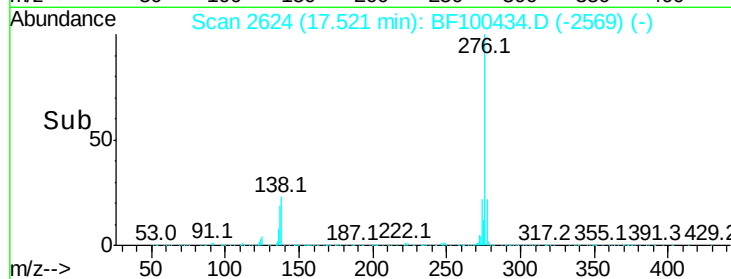
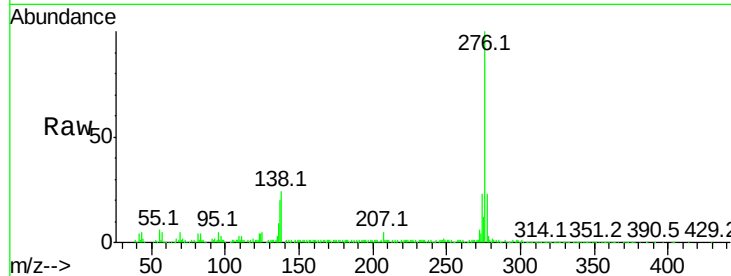
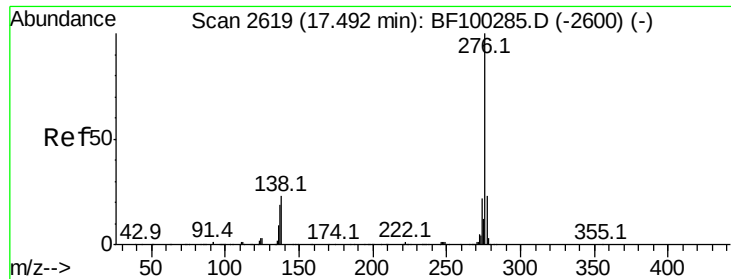
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#90
Dibenzo(a,h)anthracene
Concen: 39.256 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.02 min
Lab File: BF100434.D
Acq: 11 Nov 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	386871		
139	17.9	15.9	23.9	
279	25.1	19.0	28.4	





#91
 Benzo(a,h,i)perylene
 Concen: 38.889 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. 0.02 min
 Lab File: BF100434.D
 Acq: 11 Nov 2017 12:21

Tot Ion:	276	Resp:	375164
Ion Ratio	Lower	Upper	
276	100		
277	22.9	17.9	26.9
138	23.9	21.8	32.8

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

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