

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100337.D
 Acq On : 9 Nov 2017 13:02
 Operator : SJ/JU
 Sample : I6354-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:14:53 PM

Quant Time: Nov 09 16:23:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176172	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	658488	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	253770	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	411998	20.00	ng	0.00
75) Chrysene-d12	14.07	240	356376	20.00	ng	0.00
86) Perylene-d12	15.55	264	273033	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	993404	90.39	ng	0.02
7) Phenol-d6	6.53	99	1185087	87.44	ng	0.00
23) Nitrobenzene-d5	7.47	82	736939	73.99	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	216461	83.71	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1221676	73.30	ng	0.00
78) Terphenyl-d14	13.01	244	911481	58.77	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.76	88	155647	29.061 ng	95
3) Pyridine	3.53	79	349624	23.927 ng	95
4) n-Nitrosodimethylamine	3.48	42	222527	31.366 ng	98
6) Aniline	6.57	93	140480	7.337 ng	99
8) 2-Chlorophenol	6.69	128	375851	32.327 ng	96
9) Benzaldehyde	6.46	77	244444	25.257 ng	99
10) Phenol	6.54	94	474757	33.370 ng	97
11) bis(2-Chloroethyl)ether	6.64	93	380257	31.820 ng	96
12) 1,3-Dichlorobenzene	6.85	146	432473	32.263 ng	98
13) 1,4-Dichlorobenzene	6.92	146	432902	31.908 ng	98
14) 1,2-Dichlorobenzene	7.07	146	400911	31.961 ng	98
15) Benzyl Alcohol	7.04	79	326730	30.891 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	684746	35.826 ng	97
17) 2-Methylphenol	7.15	107	309820	31.183 ng	99
18) Hexachloroethane	7.42	117	128955	28.828 ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	260516	27.718 ng	96
20) 3+4-Methylphenols	7.30	107	384377	30.572 ng	96
22) Acetophenone	7.31	105	536987	33.442 ng	# 97
24) Nitrobenzene	7.49	77	399234	38.945 ng	99
25) Isophorone	7.72	82	699537	33.423 ng	100
26) 2-Nitrophenol	7.80	139	181823	38.969 ng	96
27) 2,4-Dimethylphenol	7.83	122	332800	35.470 ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	468160	34.195 ng	99
29) 2,4-Dichlorophenol	8.04	162	297526	33.217 ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	323075	33.345 ng	94
31) Naphthalene	8.21	128	1022885	32.251 ng	100
32) Benzoic acid	7.88	122	22779	11.922 ng	98
33) 4-Chloroaniline	8.25	127	77967	5.906 ng	98
34) Hexachlorobutadiene	8.32	225	187742	32.590 ng	99
35) Caprolactam	8.61	113	55723m	18.128 ng	
36) 4-Chloro-3-methylphenol	8.73	107	278954	28.998 ng	97
37) 2-Methylnaphthalene	8.90	142	658508	31.273 ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	299191	35.549 ng	97
40) Hexachlorocyclopentadiene	9.05	237	80884	20.420 ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
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Manual Integrations
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Sohil
 11/10/2017 1:14:53 PM

Quant Time: Nov 09 16:23:48 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	194819	36.523	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	186977	33.833	nq	92
45) 1,1'-Biphenyl	9.36	154	755647	34.428	nq	98
46) 2-Chloronaphthalene	9.39	162	571732	35.906	nq	98
47) 2-Nitroaniline	9.48	65	176578	38.138	nq	96
48) Acenaphthylene	9.80	152	837294	31.730	nq	99
49) Dimethylphthalate	9.66	163	772308	39.860	nq	99
50) 2,6-Dinitrotoluene	9.72	165	131484	34.283	nq	92
51) Acenaphthene	9.97	154	502551	31.314	nq	99
52) 3-Nitroaniline	9.89	138	94869	20.947	nq	98
53) 2,4-Dinitrophenol	9.99	184	21625	23.840	nq #	56
54) Dibenzofuran	10.15	168	722586	32.125	nq	99
55) 4-Nitrophenol	10.04	139	194054	52.769	nq	97
56) 2,4-Dinitrotoluene	10.12	165	152776	31.576	nq #	92
57) Fluorene	10.49	166	513651	31.172	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	144892	31.989	nq #	88
59) Diethylphthalate	10.36	149	614109	31.672	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	263891	32.646	nq	92
61) 4-Nitroaniline	10.50	138	108377	25.237	nq	93
62) Azobenzene	10.64	77	610718	33.442	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	25240	18.537	nq	92
65) n-Nitrosodiphenylamine	10.60	169	489771	34.189	nq	95
66) 4-Bromophenyl-phenylether	10.97	248	156073	35.338	nq	90
67) Hexachlorobenzene	11.03	284	155211	33.601	nq #	91
68) Atrazine	11.12	200	142419	32.843	nq	98
69) Pentachlorophenol	11.23	266	181913	54.922	nq	99
70) Phenanthrene	11.45	178	713369	32.886	nq	99
71) Anthracene	11.50	178	739783	33.614	nq	100
72) Carbazole	11.66	167	644587	31.742	nq	98
73) Di-n-butylphthalate	11.99	149	1334423	56.153	nq	99
74) Fluoranthene	12.64	202	777254	33.809	nq	98
77) Pyrene	12.87	202	801953	31.568	nq	99
79) Butylbenzylphthalate	13.49	149	365198	35.250	nq #	92
80) Benzo(a)anthracene	14.06	228	700115	32.623	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	82493	10.729	nq	96
82) Chrysene	14.09	228	678067	32.628	nq	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	502435	36.873	nq	98
84) Di-n-octyl phthalate	14.66	149	857708	36.641	nq	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	464392	27.627	nq	97
87) Benzo(b)fluoranthene	15.12	252	542875	33.561	nq	99
88) Benzo(k)fluoranthene	15.14	252	527816	34.534	nq	99
89) Benzo(a)pyrene	15.49	252	478463	33.365	nq	97
90) Dibenzo(a,h)anthracene	17.07	278	387322	33.026	nq	98
91) Benzo(g,h,i)perylene	17.50	276	392860	34.221	nq	95

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

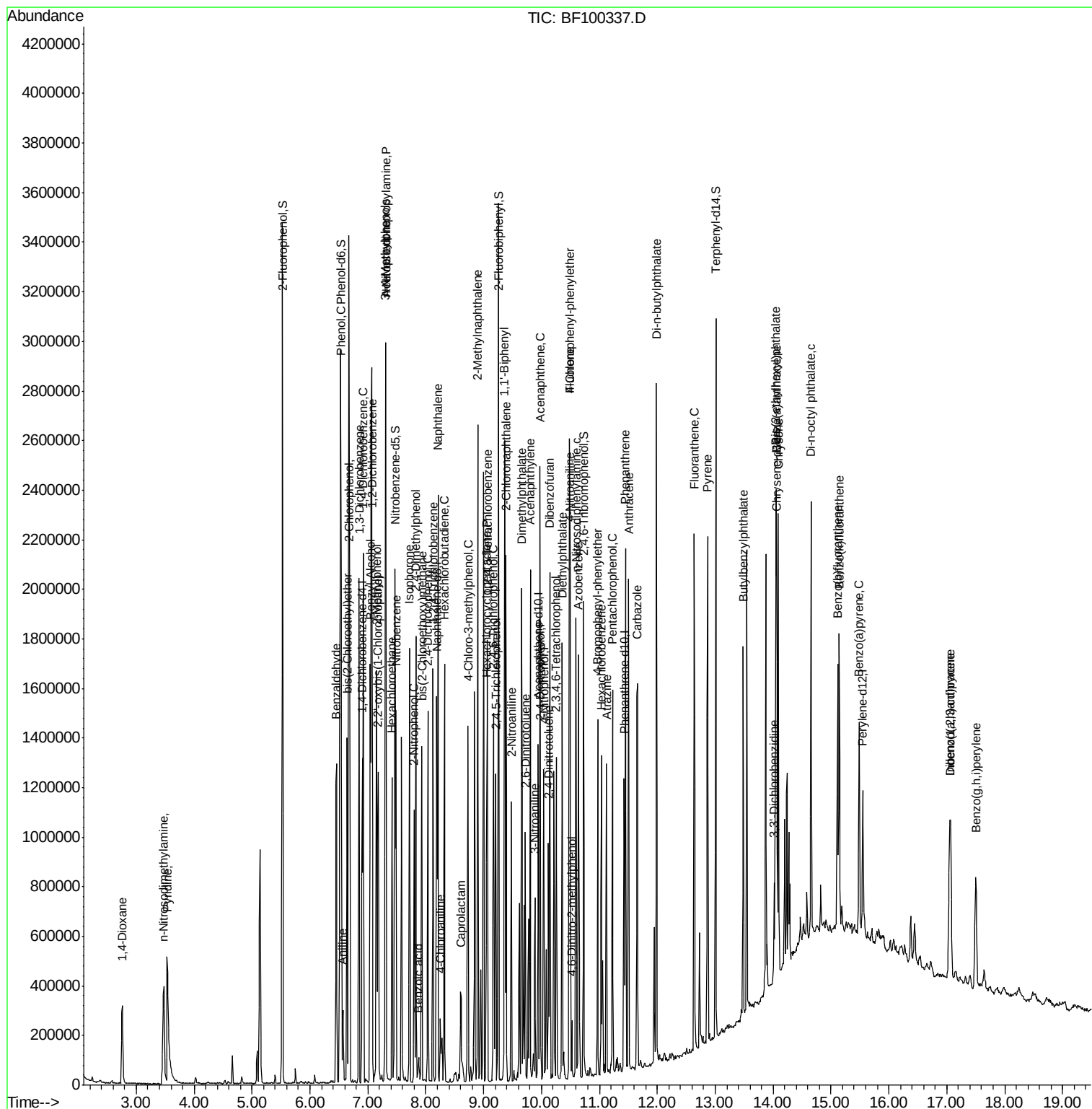
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
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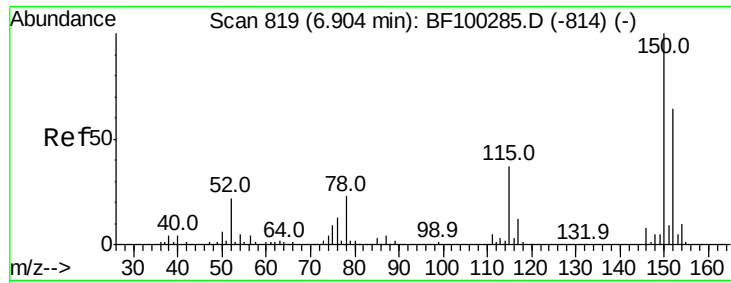
Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Manual Integrations
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#1

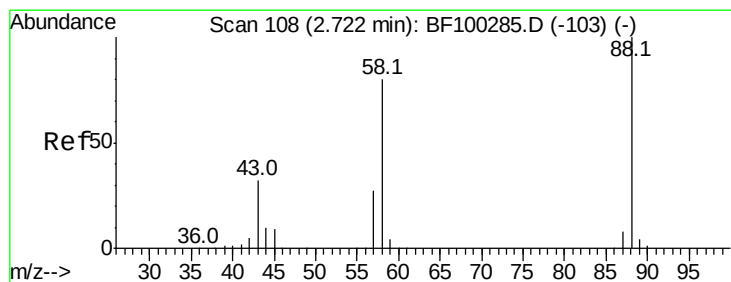
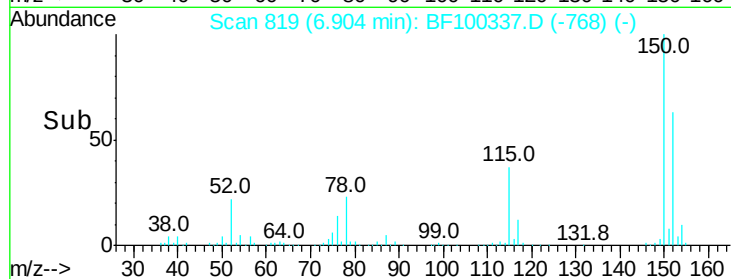
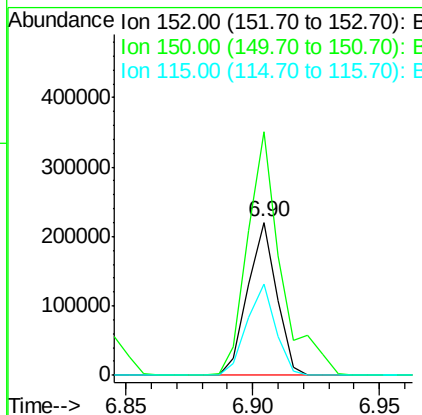
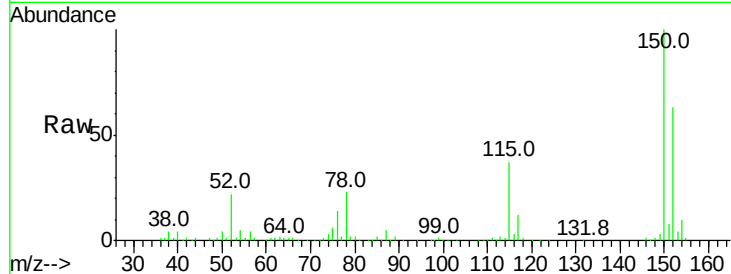
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
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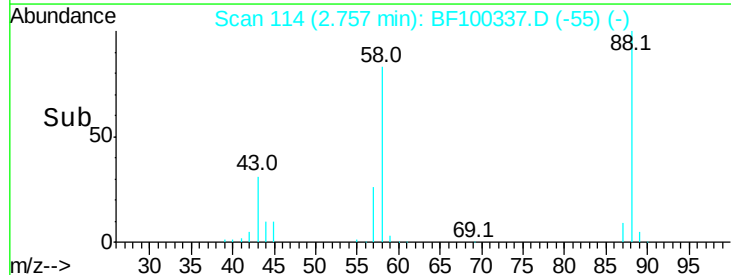
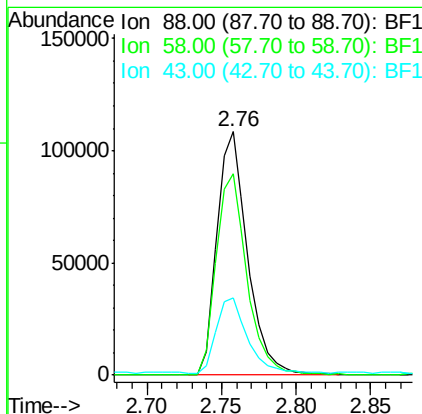
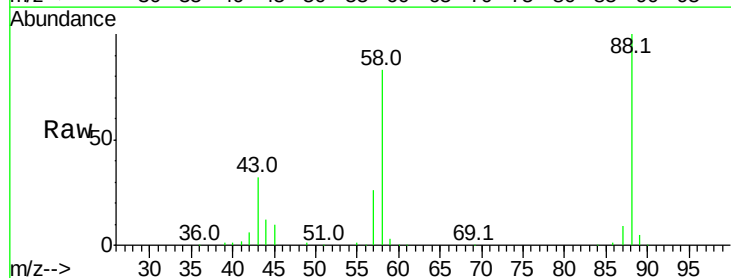
Sohil
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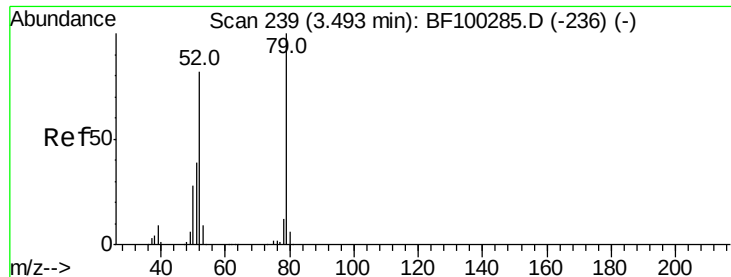


#2

1,4-Dioxane
Concen: 29.061 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.05 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	62.6	93.8
43	31.4	24.6	37.0





#3

Pvridine

Concen: 23.927 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.05 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

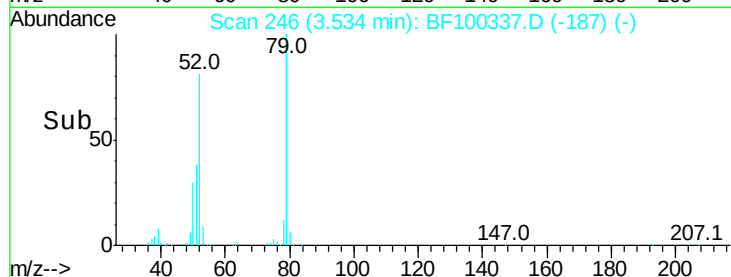
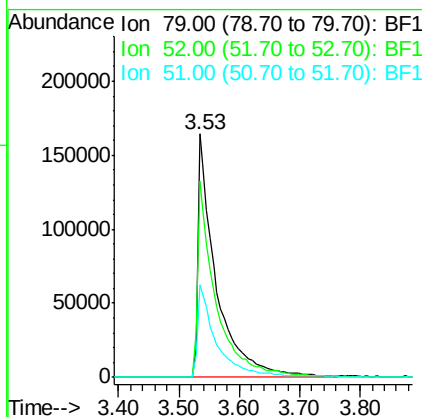
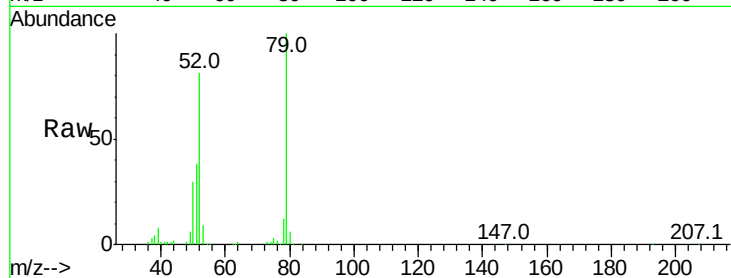
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	79	Resp:	349624
Ion Ratio	Lower	Upper	
79	100		
52	80.8	59.8	89.6
51	38.2	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 31.366 ng

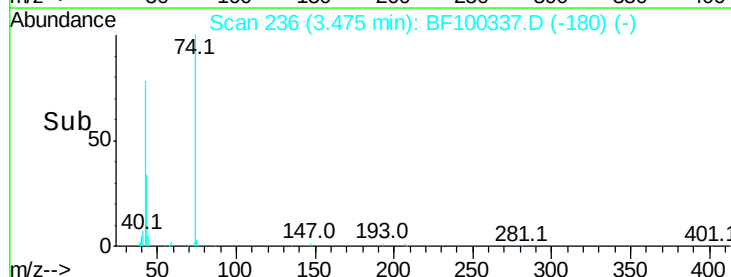
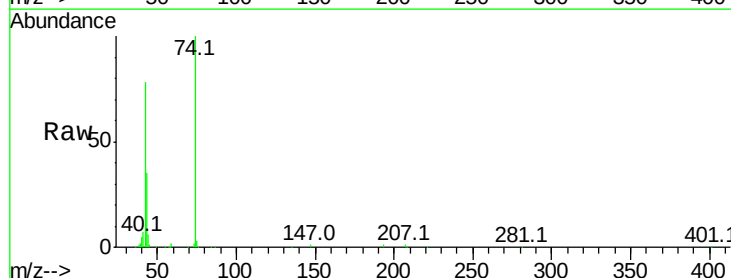
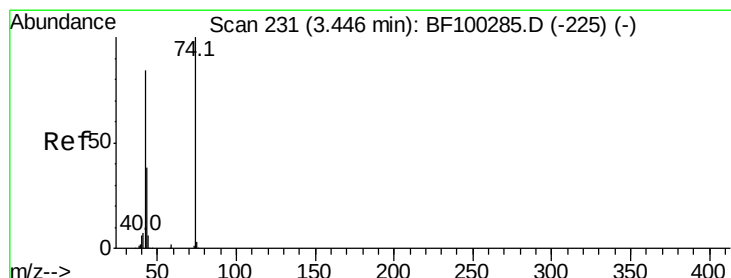
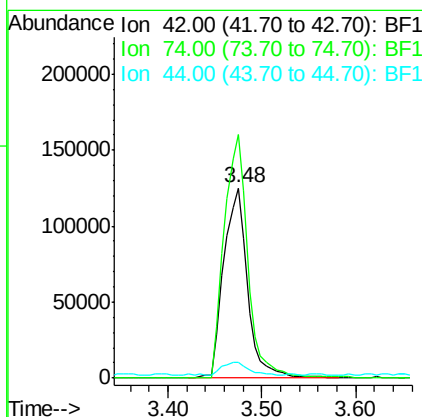
RT: 3.48 min Scan# 236

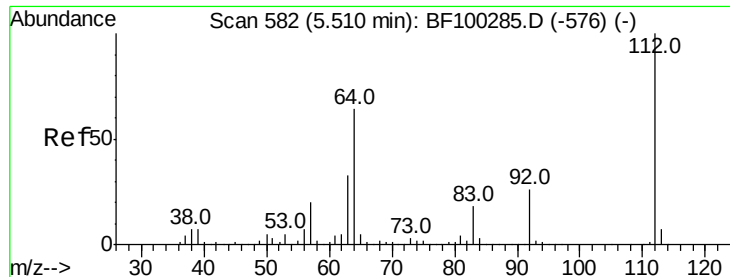
Delta R.T. 0.03 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	42	Resp:	222527
Ion Ratio	Lower	Upper	
42	100		
74	128.2	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 90.390 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

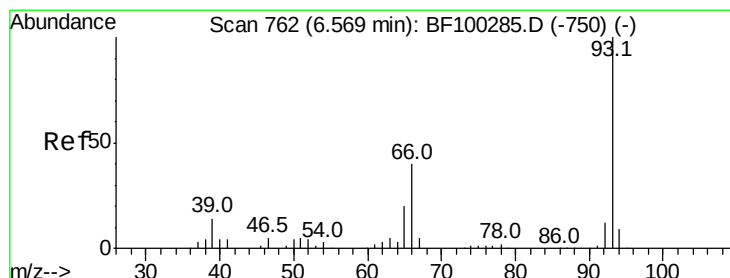
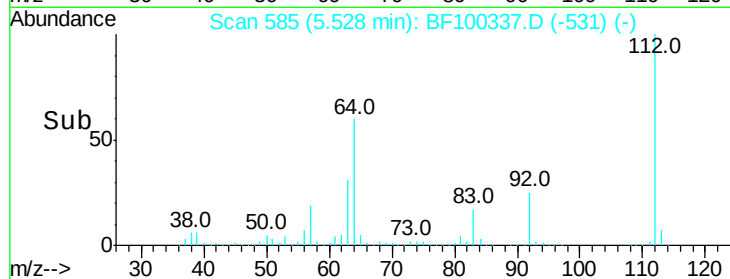
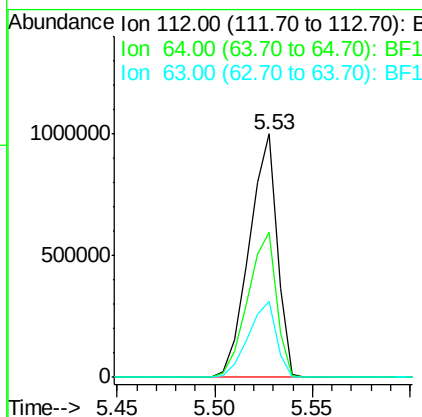
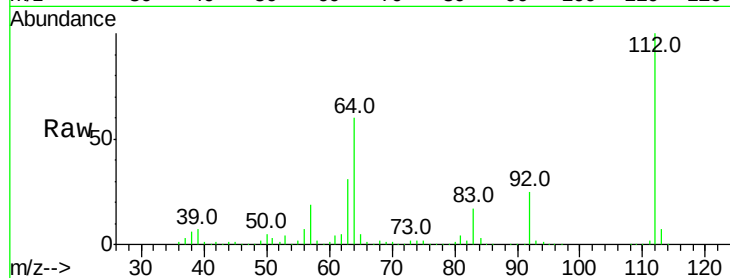
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	112	Resp:	993404
Ion Ratio	Lower	Upper	
112	100		
64	59.8	47.9	71.9
63	31.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 7.337 ng

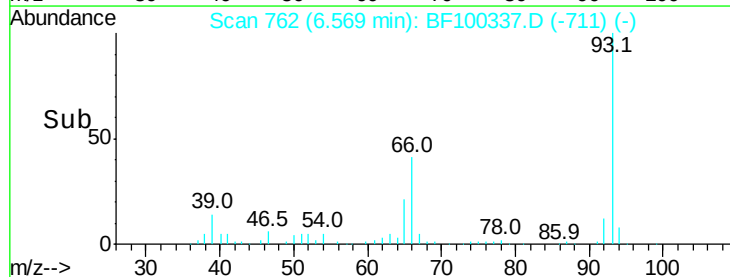
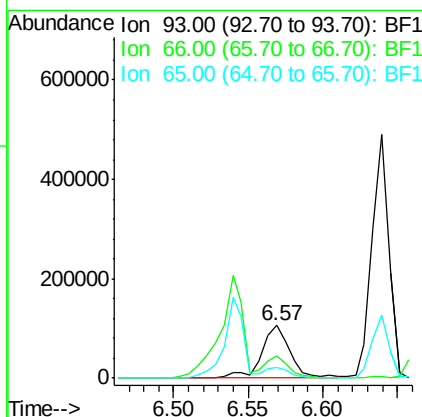
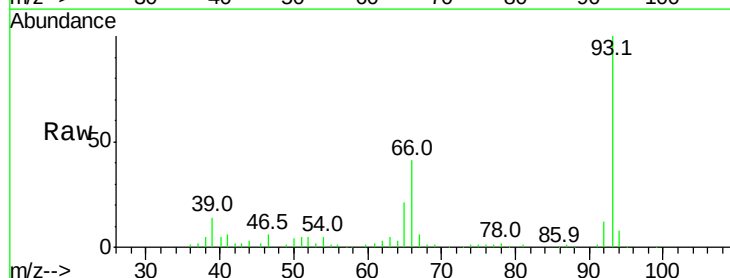
RT: 6.57 min Scan# 762

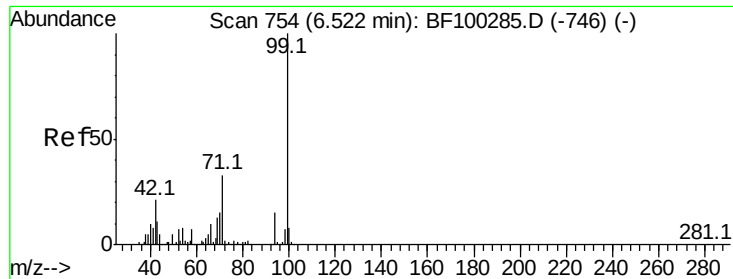
Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	93	Resp:	140480
Ion Ratio	Lower	Upper	
93	100		
66	41.1	32.2	48.2
65	21.0	16.4	24.6





#7

Phenol-d6

Concen: 87.445 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

ClientSampleId :

P001-S001-0001-01MS

Tot Ion: 99 Resp: 1185087

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

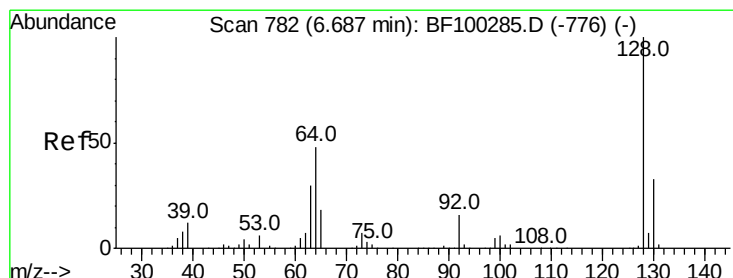
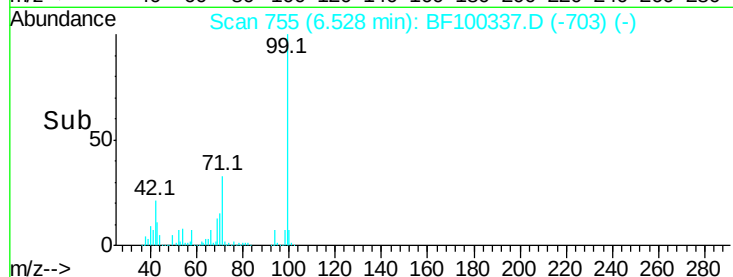
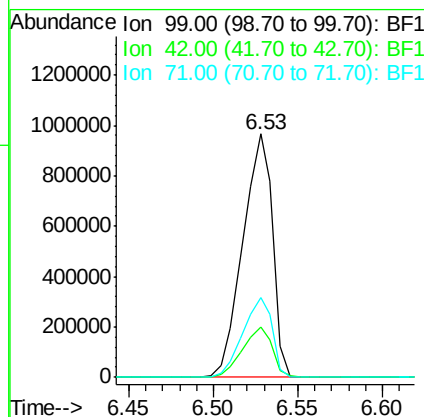
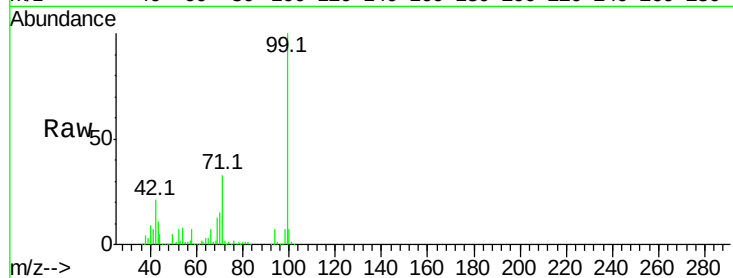
71 32.9 25.4 38.0

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#8

2-Chlorophenol

Concen: 32.327 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

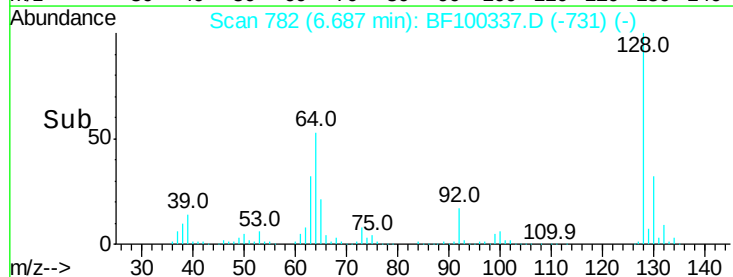
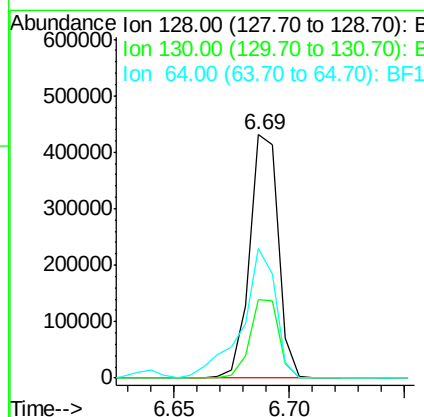
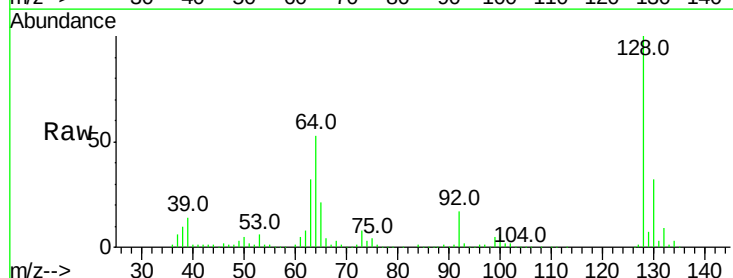
Tgt Ion: 128 Resp: 375851

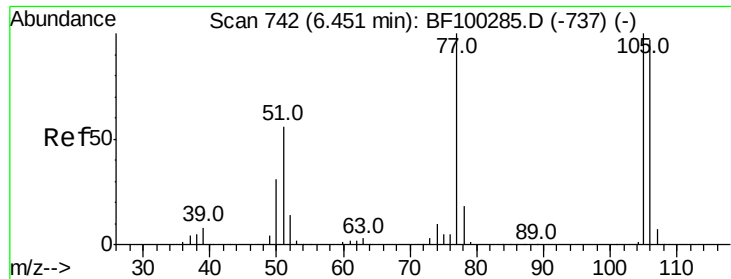
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 53.1 29.4 69.4





#9

Benzaldehyde

Concen: 25.257 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

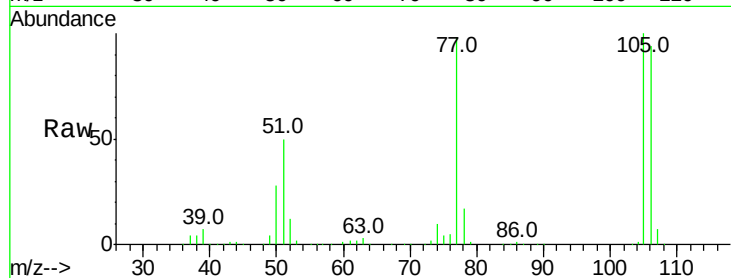
ClientSampleId :

P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.3	81.1	121.1
106	95.9	74.5	114.5

Manual Integrations
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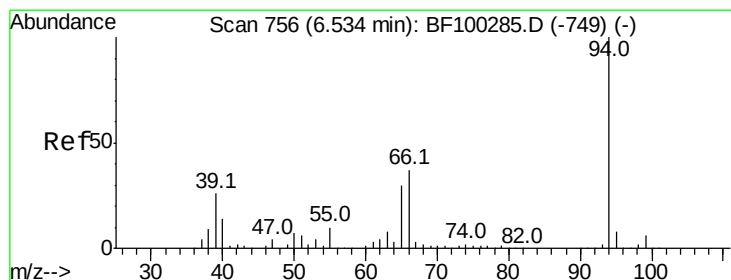
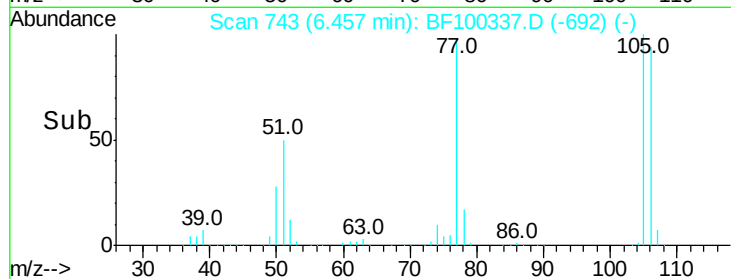
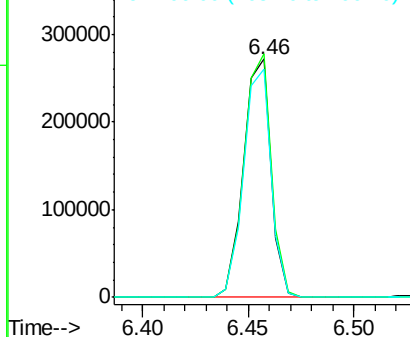
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.370 ng

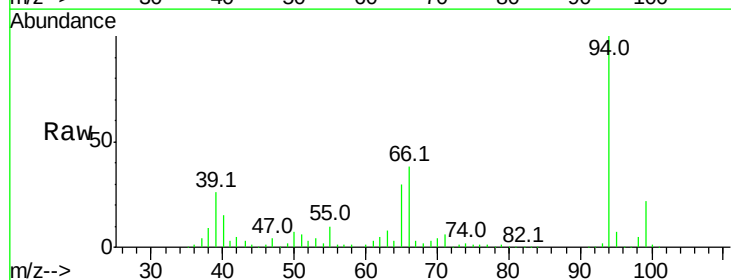
RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

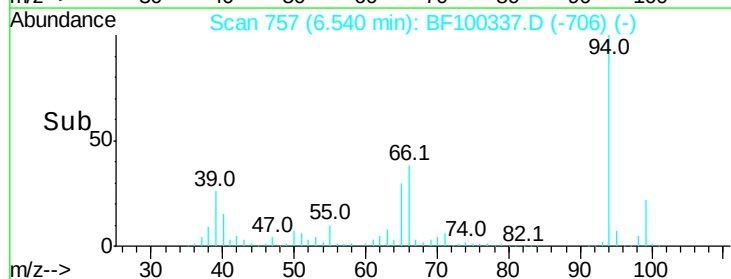
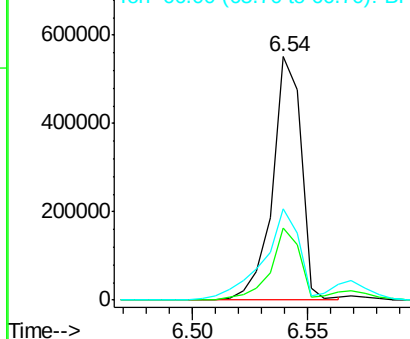
Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	37.6	16.2	56.2

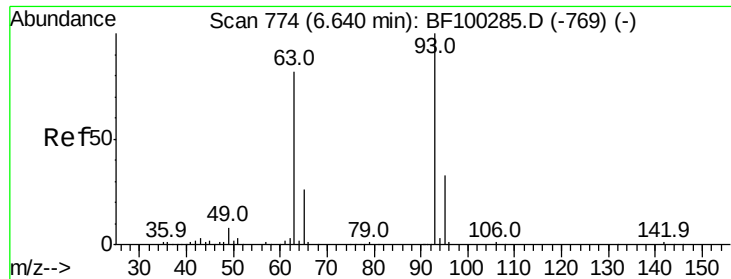


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 31.820 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

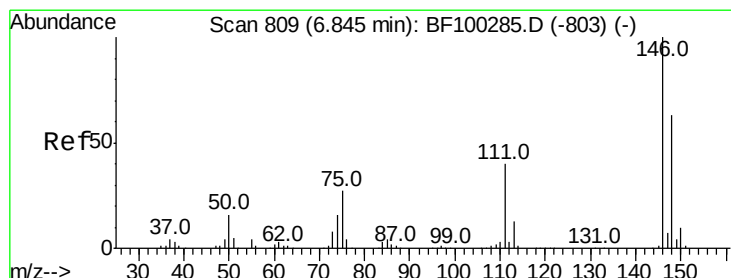
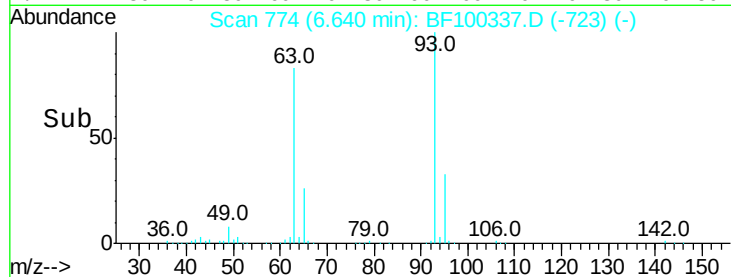
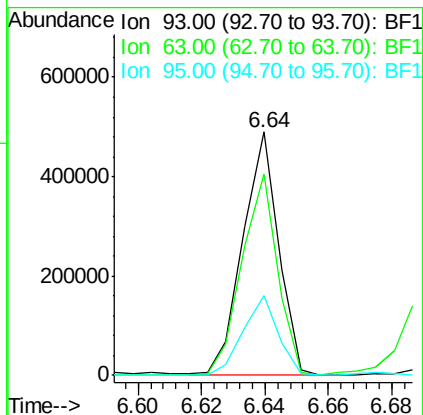
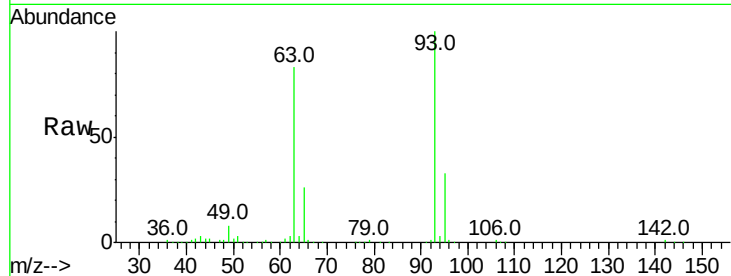
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	93	Resp:	380257
Ion Ratio	Lower	Upper	
93	100		
63	82.6	58.6	98.6
95	32.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 32.263 ng

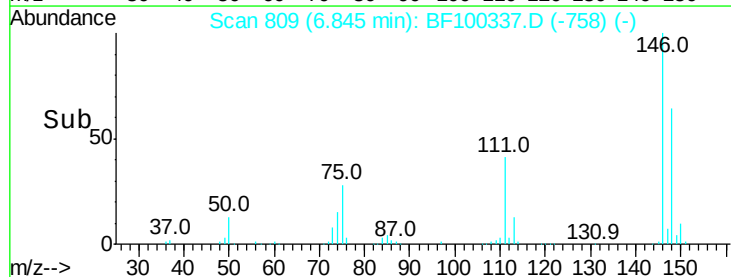
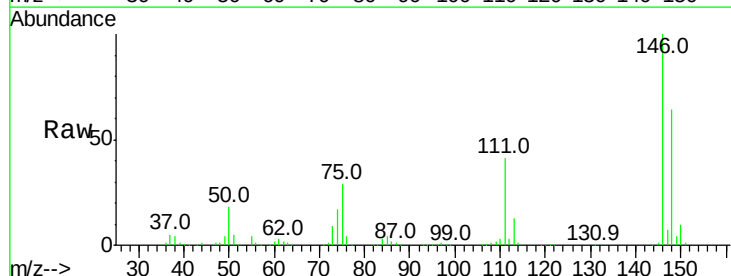
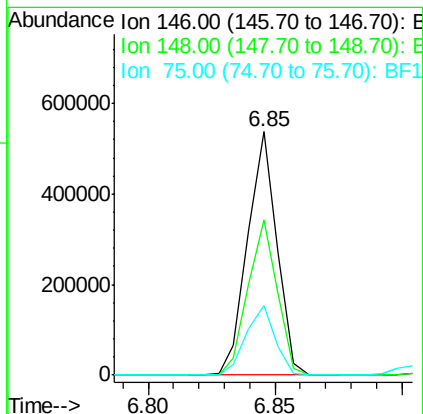
RT: 6.85 min Scan# 809

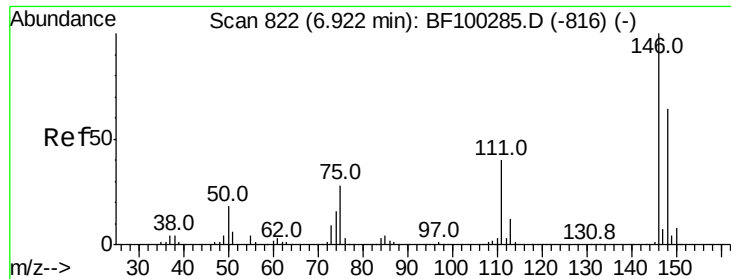
Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	146	Resp:	432473
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
75	28.8	24.2	36.4





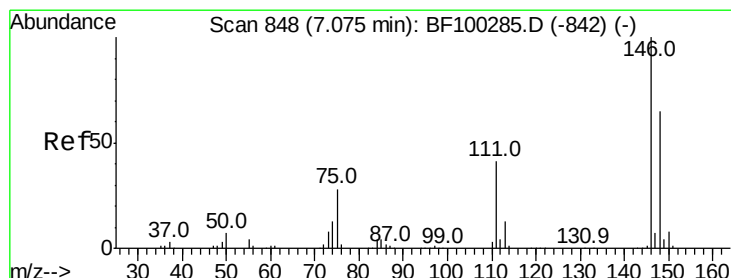
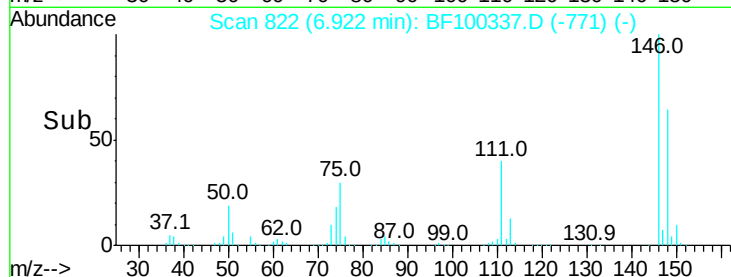
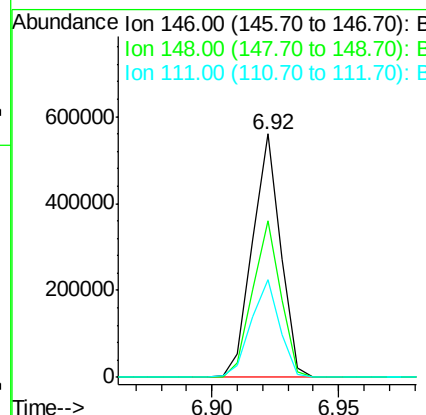
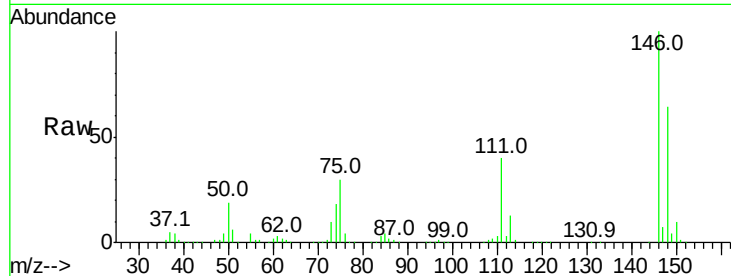
#13
 1,4-Dichlorobenzene
 Concen: 31.908 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	40.1	34.2	51.2

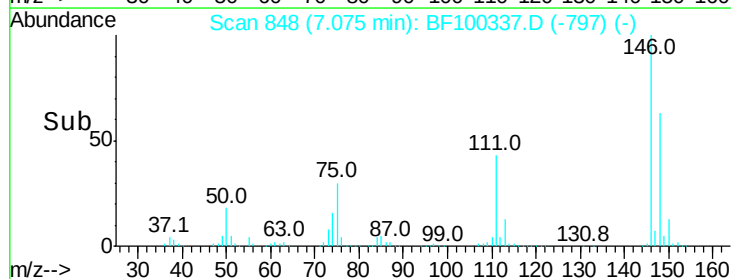
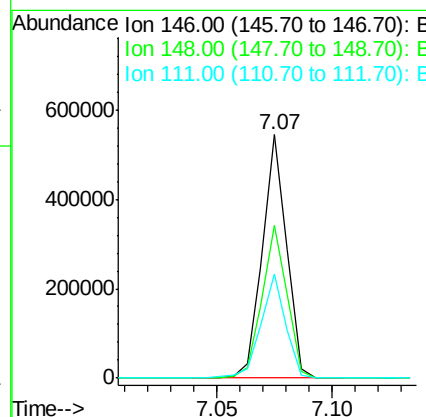
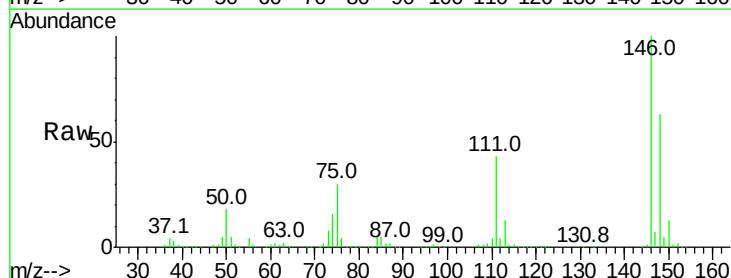
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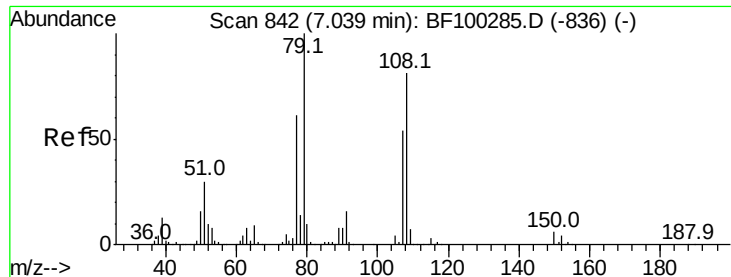
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 31.961 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	42.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 30.891 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

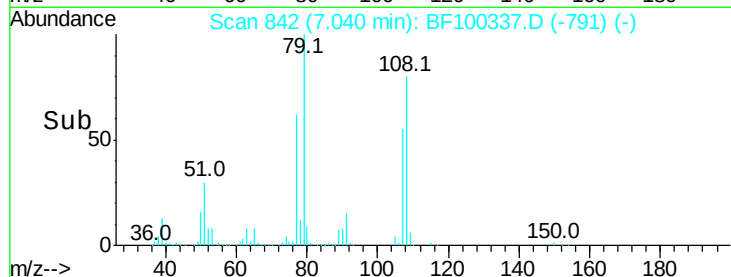
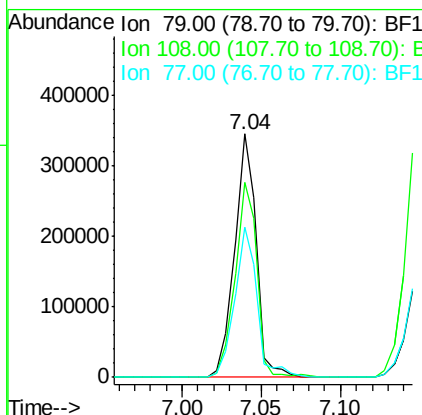
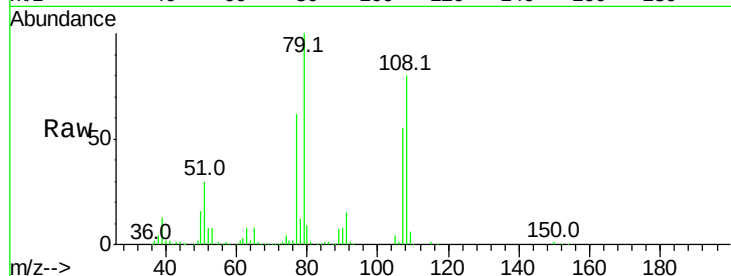
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	79	Resp:	326730
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.1	97.7
77	61.8	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.826 ng

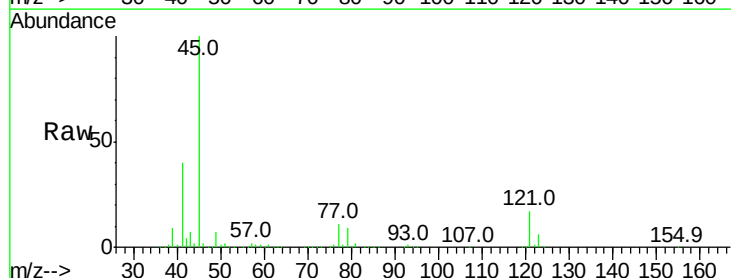
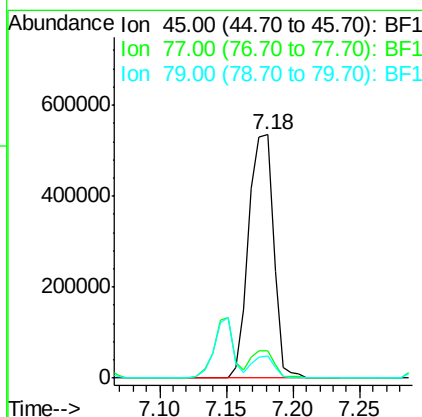
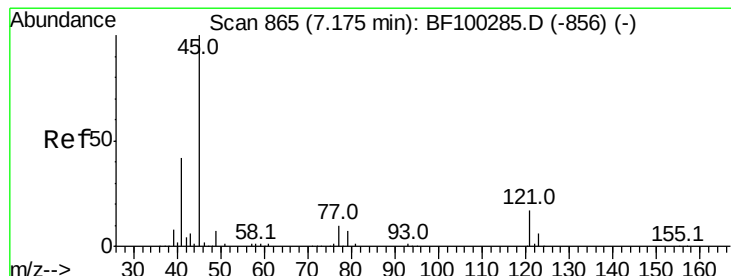
RT: 7.18 min Scan# 866

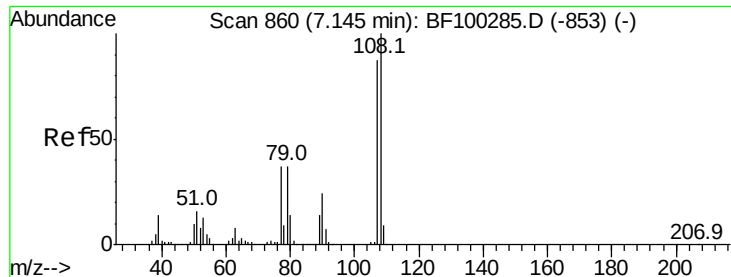
Delta R.T. 0.01 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	45	Resp:	684746
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	32.9
79	9.2	0.0	29.6





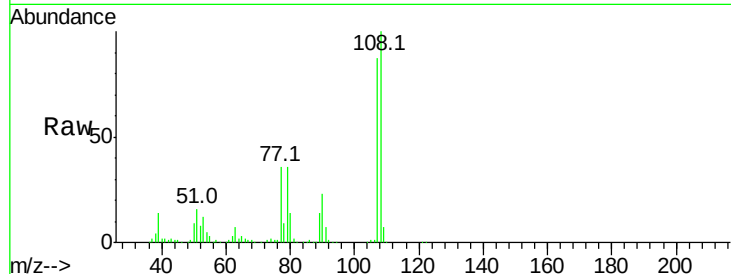
#17
2-Methylphenol
Concen: 31.183 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	91.7	137.5	
77	41.4	33.8	50.8	
79	41.2	33.8	50.8	

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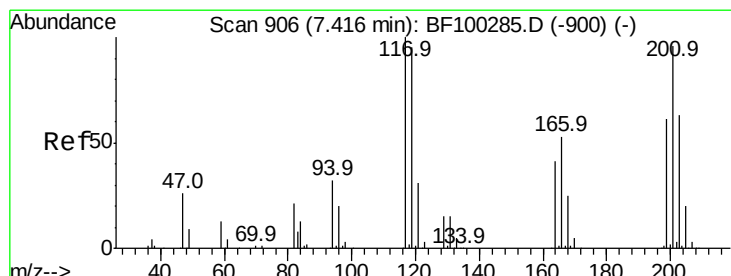
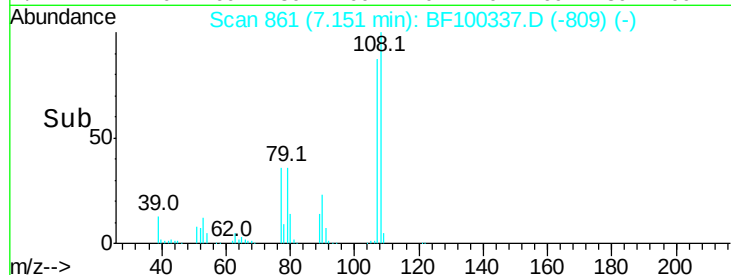
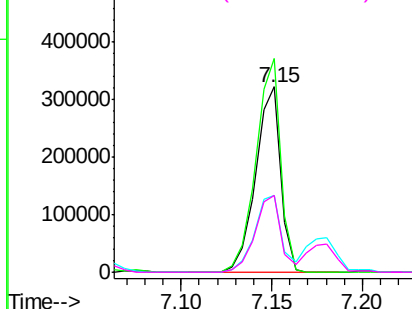
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 28.828 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

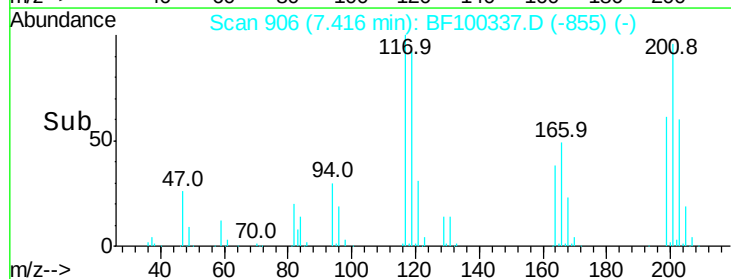
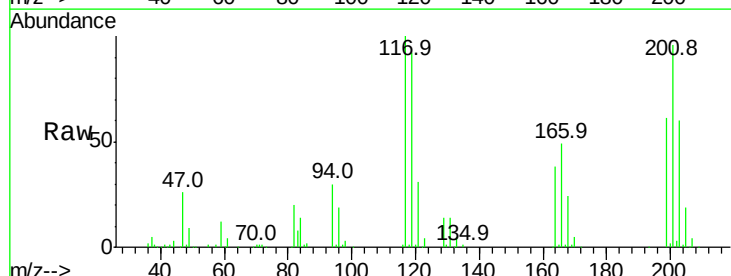
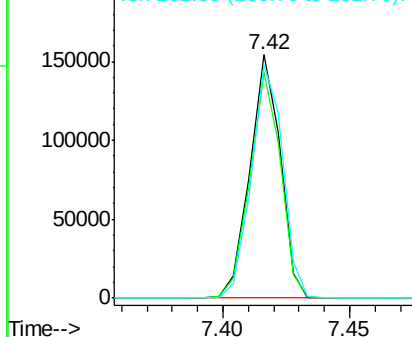
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.5	75.8	113.8	
201	96.0	75.7	113.5	

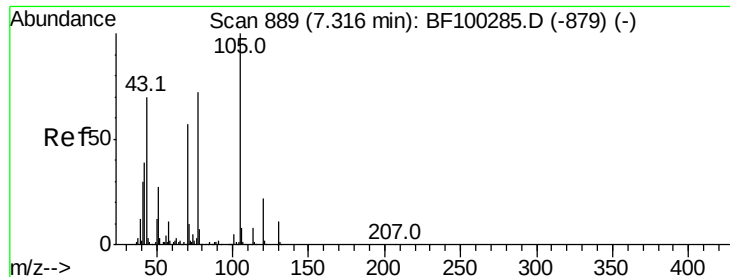
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





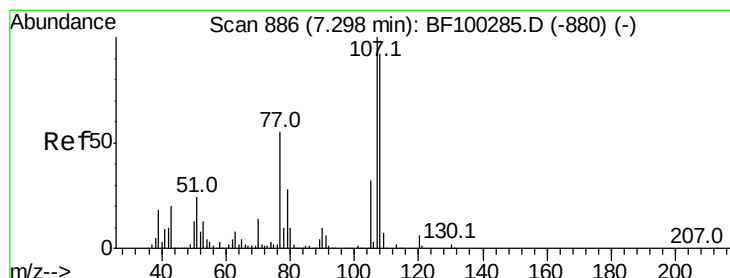
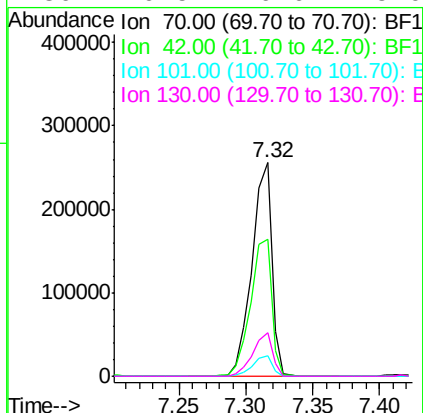
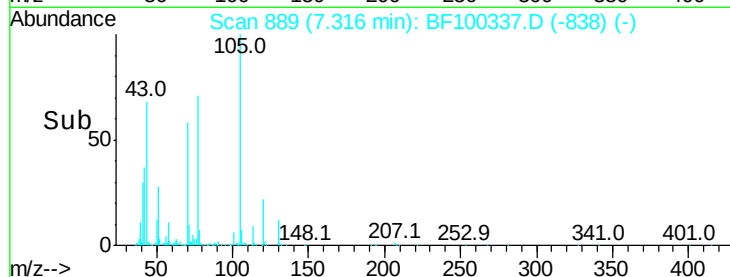
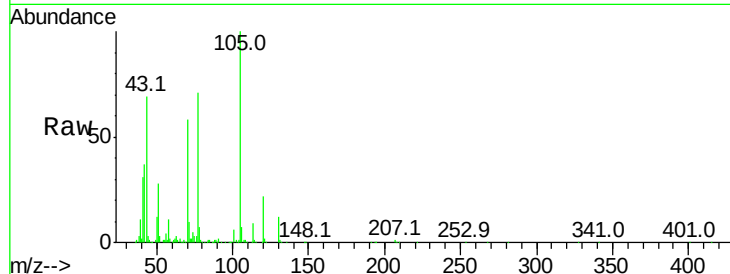
#19
n-Nitroso-di-n-propylamine
Concen: 27.718 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	70	Resp	260516
Ion Ratio	Lower	Upper	
70	100		
42	64.2	47.5	71.3
101	9.6	7.4	11.2
130	20.5	16.6	25.0

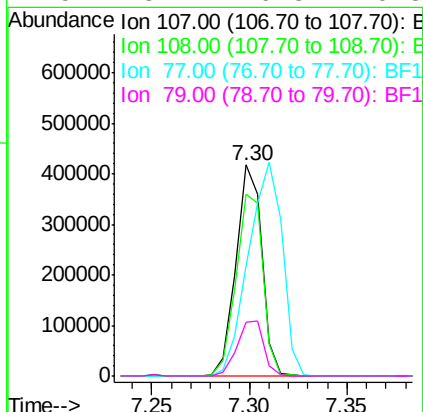
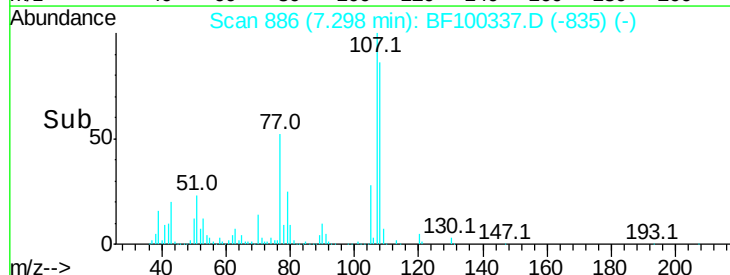
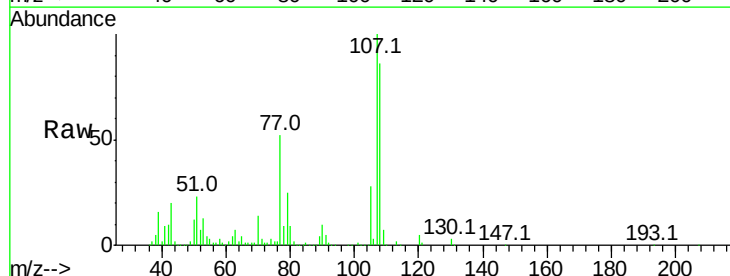
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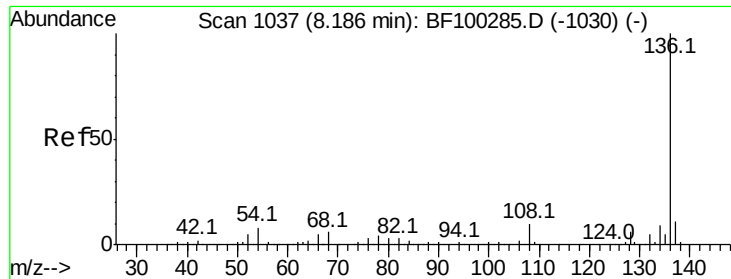
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#20
3+4-Methylphenols
Concen: 30.572 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	107	Resp	384377
Ion Ratio	Lower	Upper	
107	100		
108	86.0	68.2	108.2
77	52.0	26.7	66.7
79	25.2	6.3	46.3





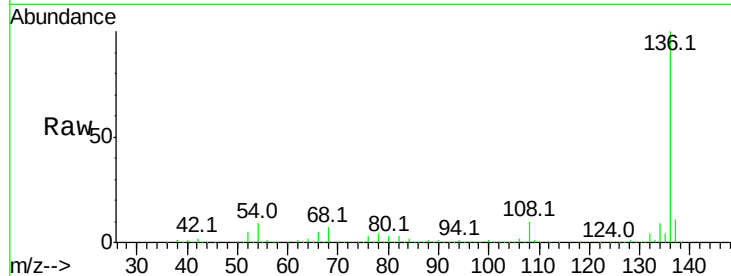
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

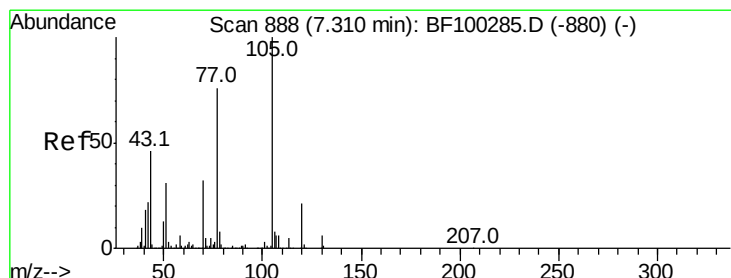
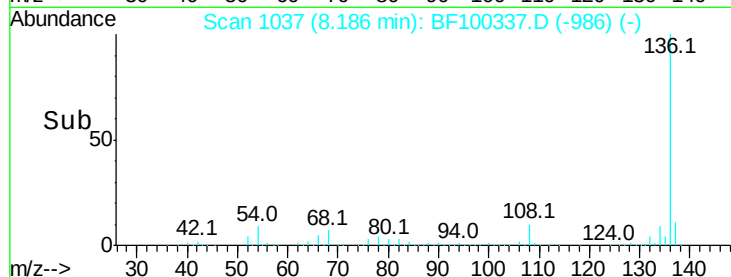
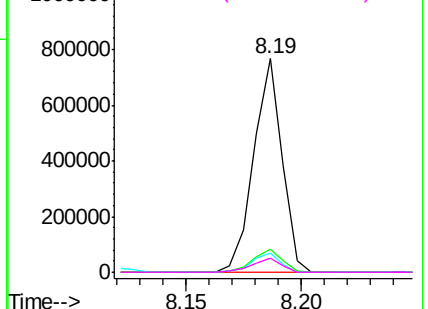
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	9.0	6.6	9.8	
68	6.6	5.0	7.4	

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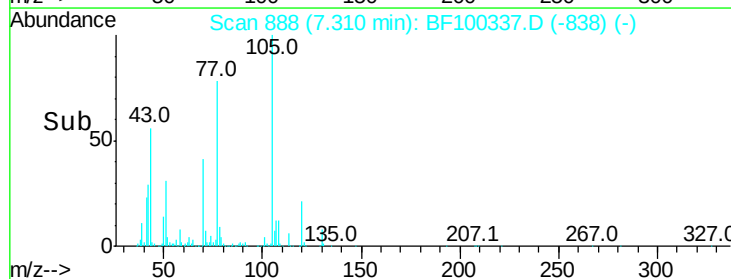
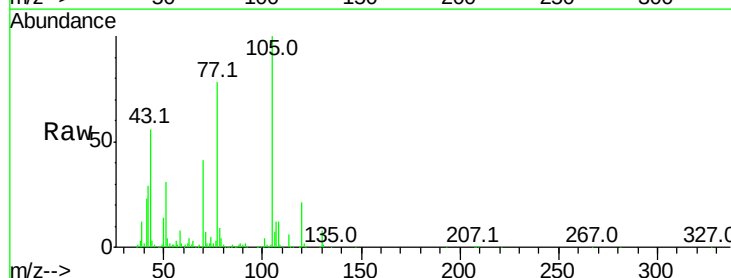
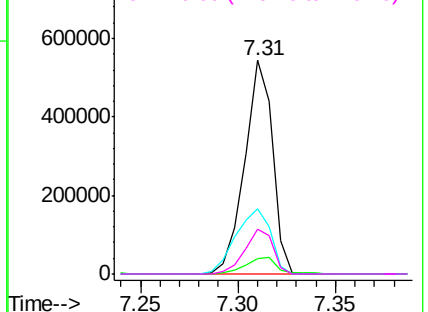
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

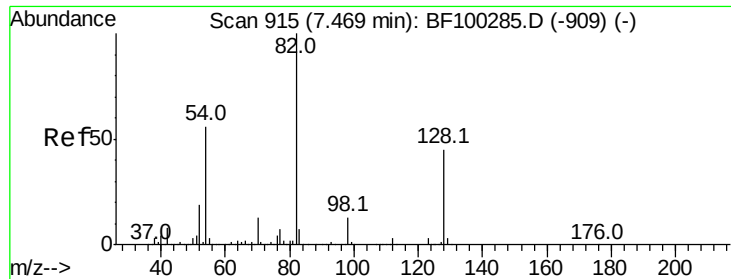


#22
Acetophenone
Concen: 33.442 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	4.4	6.6#	
51	30.8	22.3	33.5	
120	21.3	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





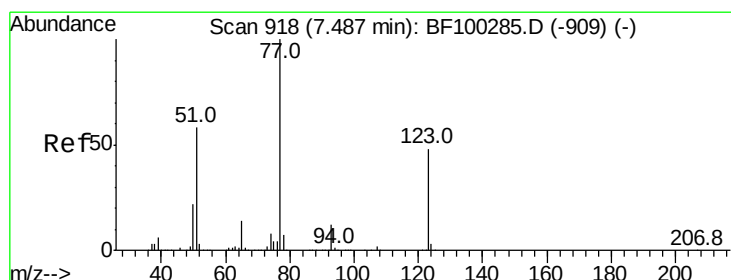
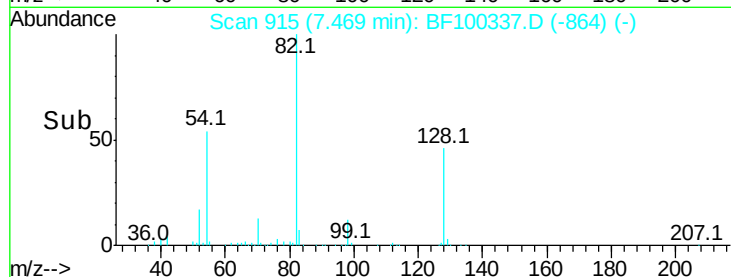
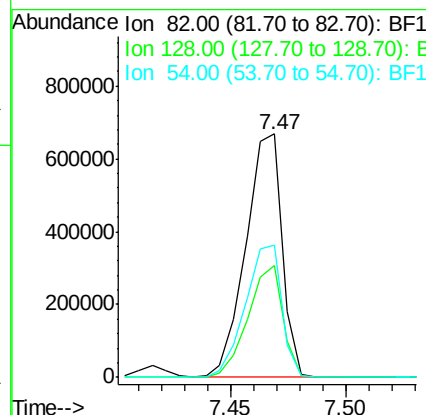
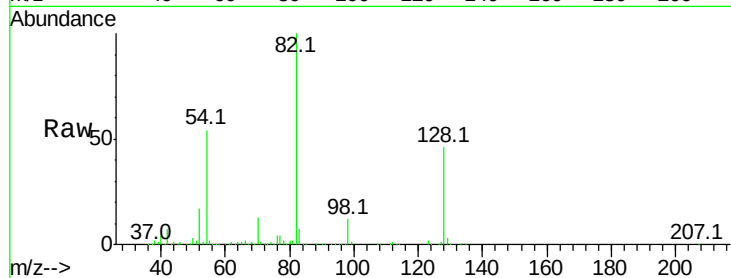
#23
Nitrobenzene-d5
Concen: 73.990 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	54.4	41.4	62.2

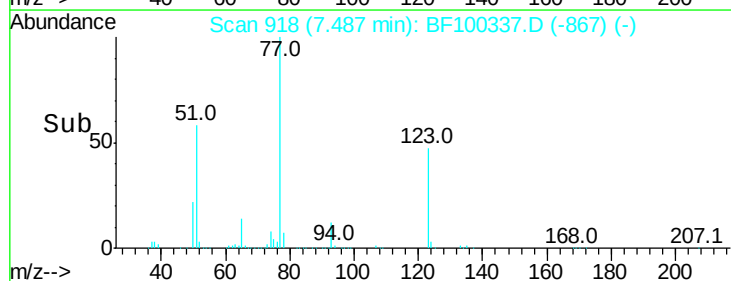
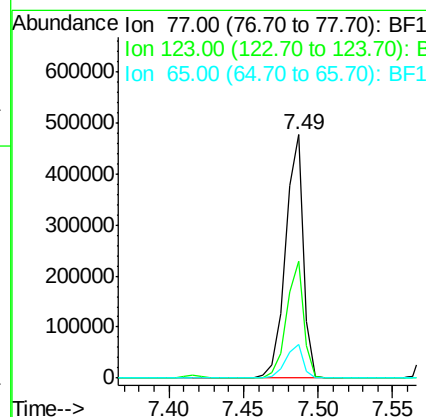
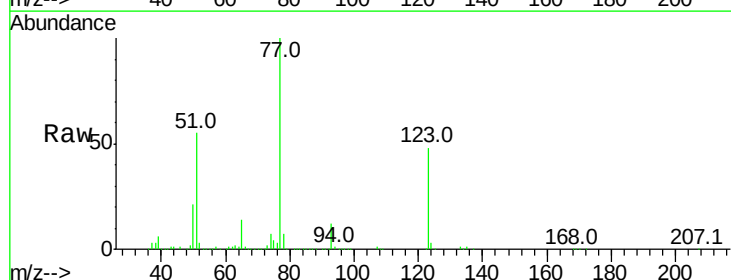
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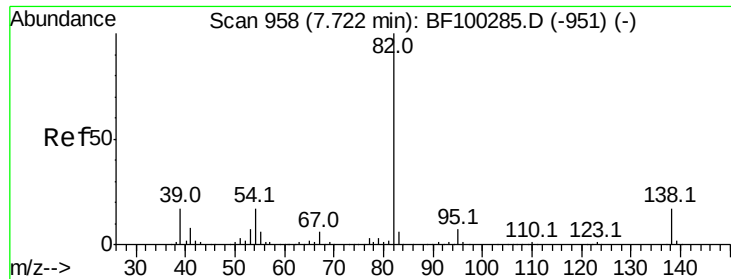
Sohil
11/10/2017 1:14:53 PM



#24
Nitrobenzene
Concen: 38.945 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 33.423 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

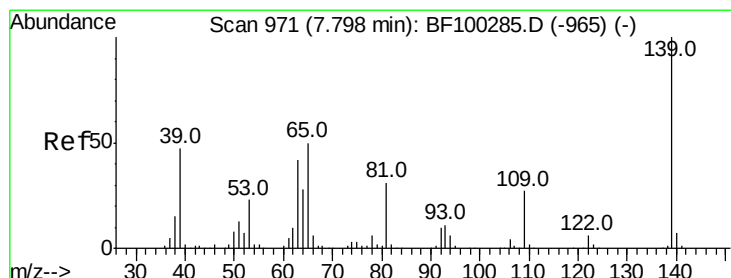
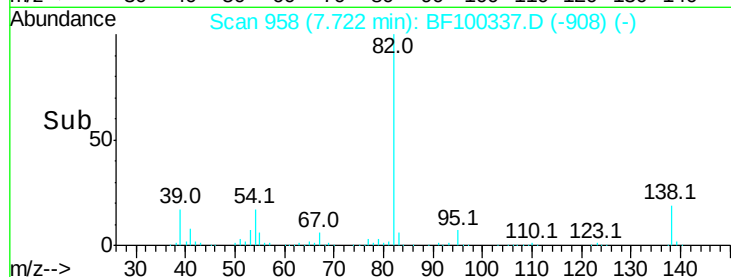
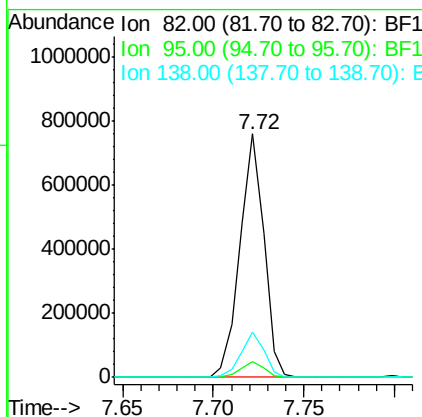
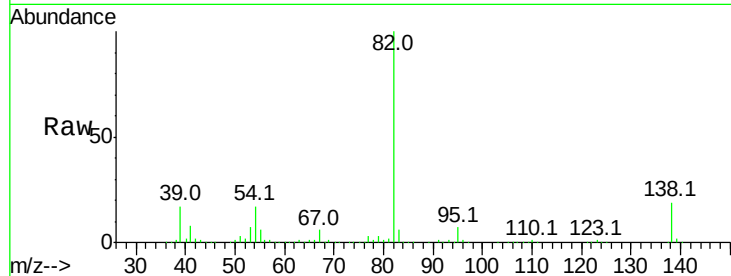
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	82	Resp:	699537
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.969 ng

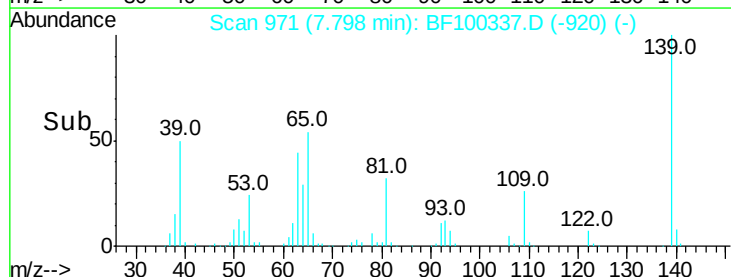
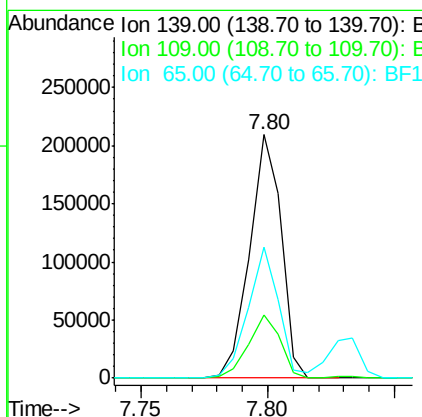
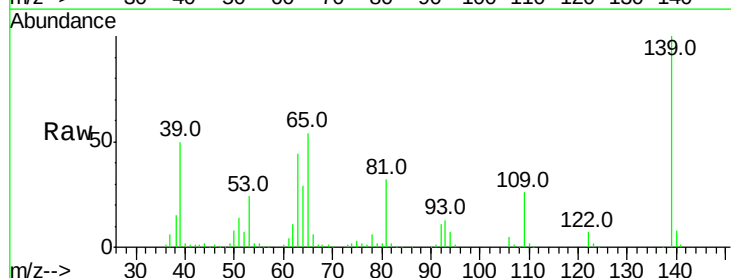
RT: 7.80 min Scan# 971

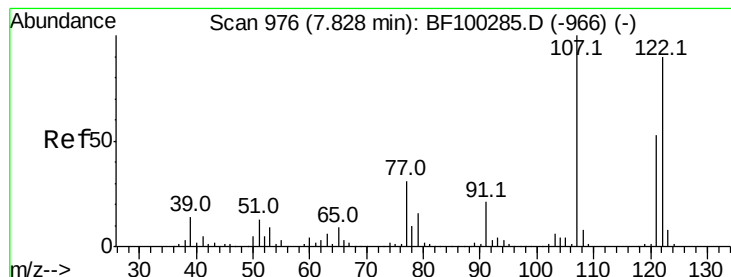
Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	139	Resp:	181823
Ion Ratio	Lower	Upper	
139	100		
109	26.0	22.7	34.1
65	53.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 35.470 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

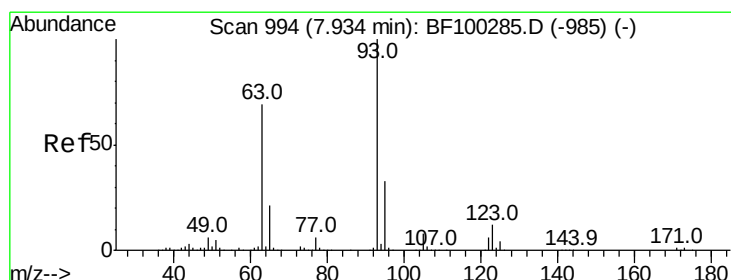
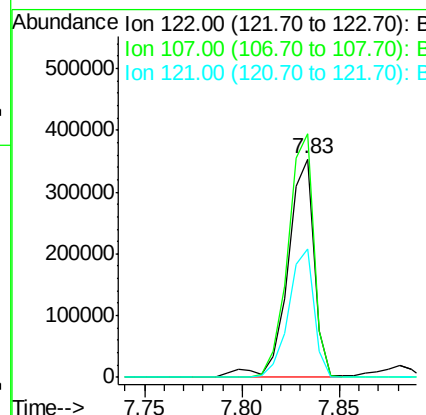
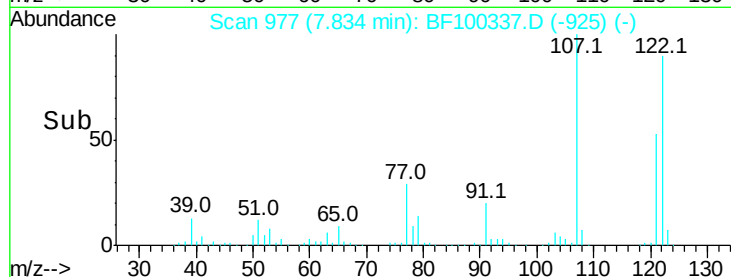
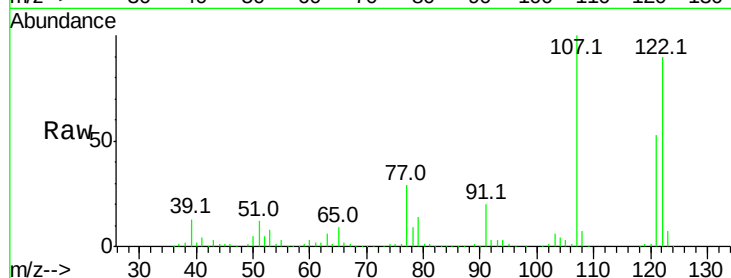
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	122	Resp:	332800
Ion Ratio	Lower	Upper	
122	100		
107	111.4	91.2	136.8
121	58.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 34.195 ng

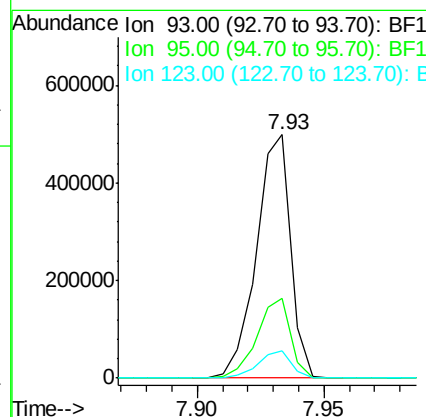
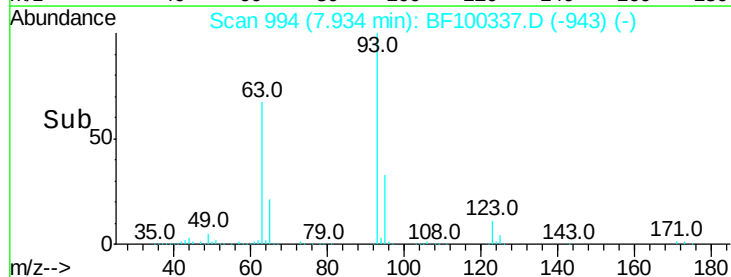
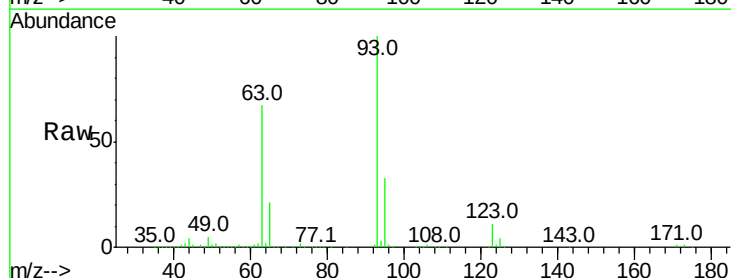
RT: 7.93 min Scan# 994

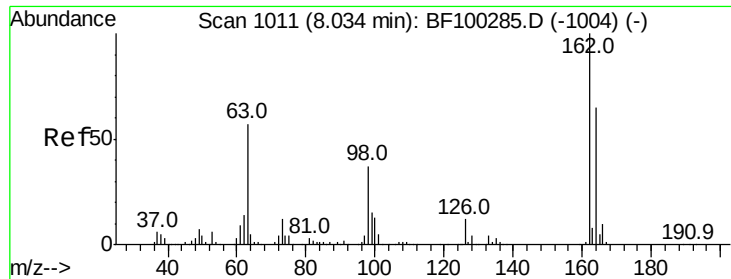
Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	93	Resp:	468160
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.3	39.5
123	11.0	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 33.217 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

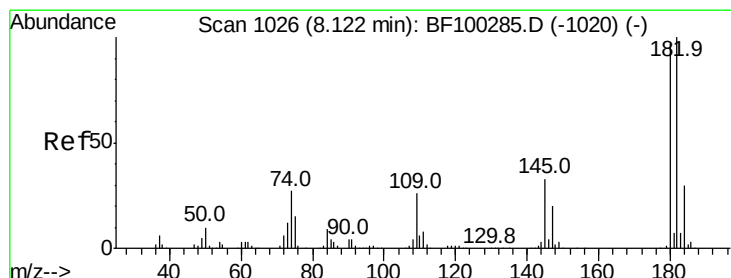
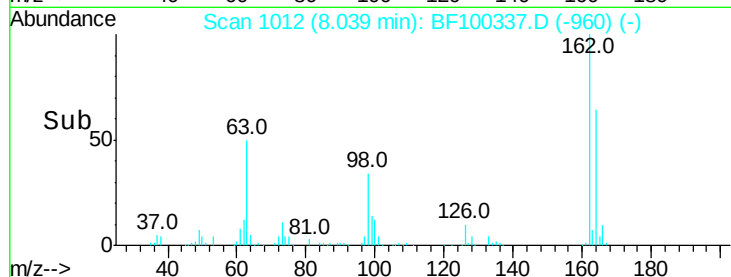
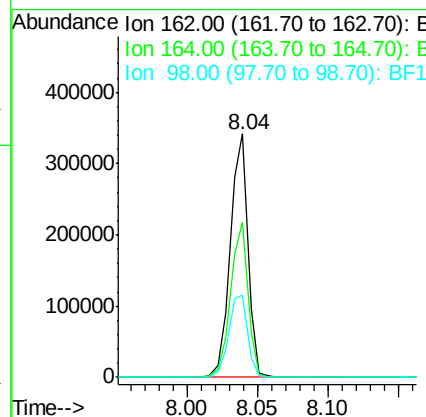
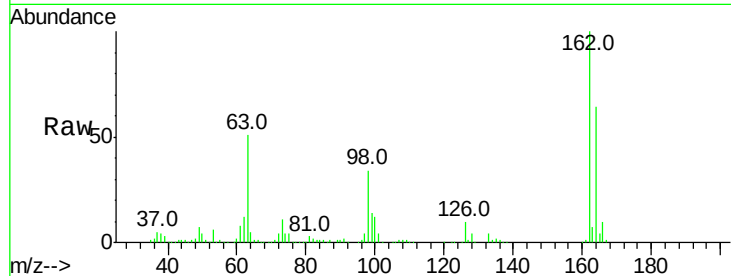
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	162	Resp:	297526
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.7	82.7
98	33.8	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 33.345 ng

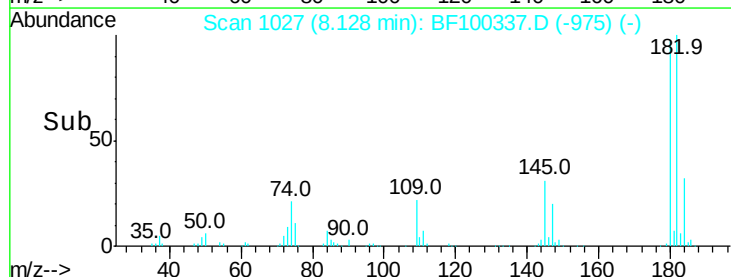
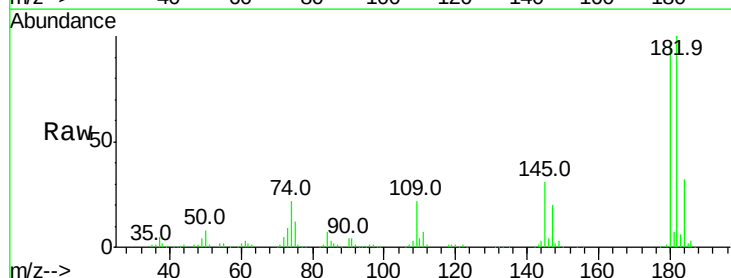
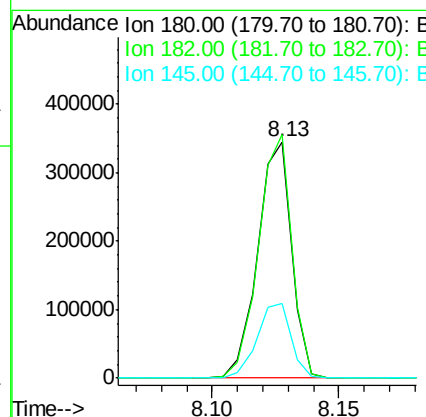
RT: 8.13 min Scan# 1027

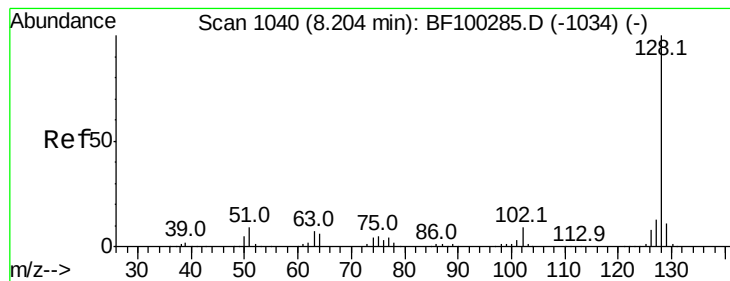
Delta R.T. 0.01 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	180	Resp:	323075
Ion Ratio	Lower	Upper	
180	100		
182	102.9	76.8	115.2
145	31.5	26.5	39.7





#31

Naphthalene

Concen: 32.251 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

ClientSampleId :

P001-S001-0001-01MS

Tot Ion:128 Resp: 1022885

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

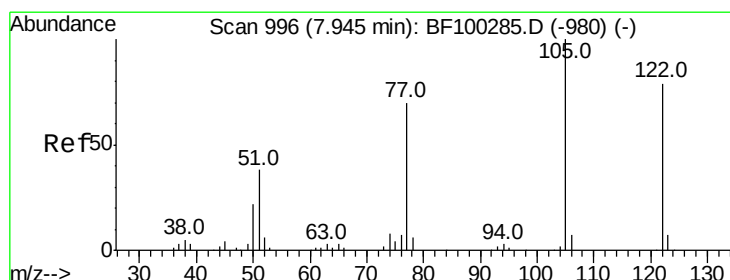
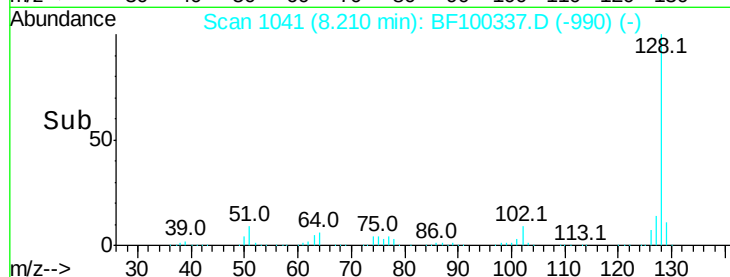
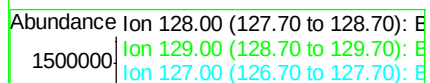
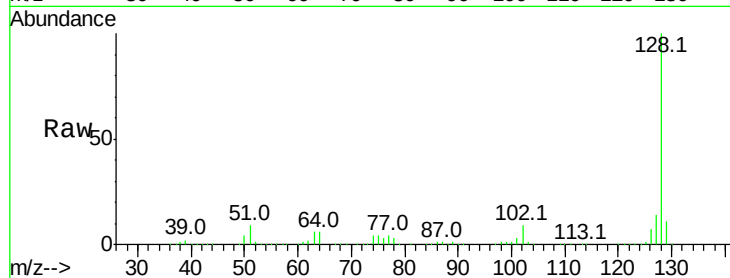
127 13.6 10.9 16.3

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#32

Benzoic acid

Concen: 11.922 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.07 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

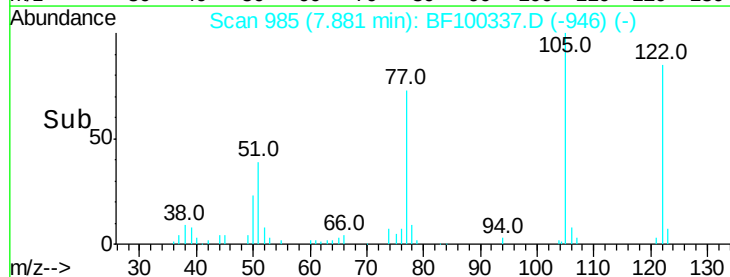
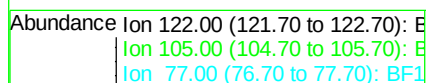
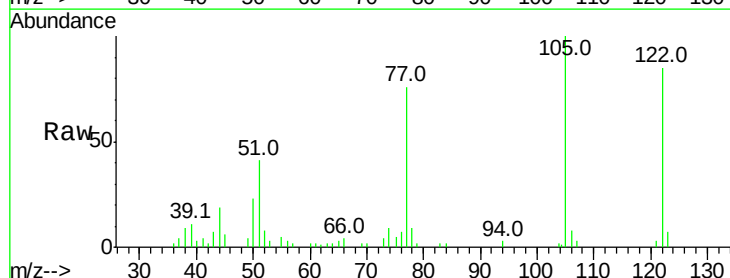
Tgt Ion:122 Resp: 22779

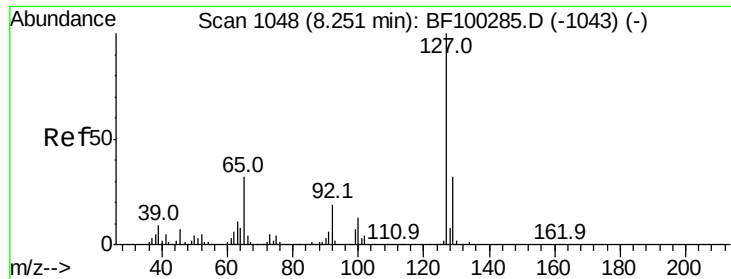
Ion Ratio Lower Upper

122 100

105 117.7 101.1 141.1

77 89.8 70.7 110.7





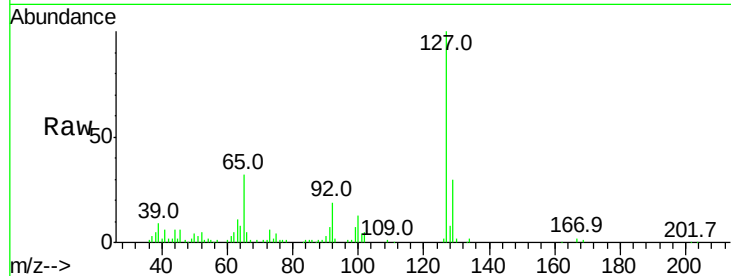
#33
4-Chloroaniline
Concen: 5.906 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.3	25.9	38.9	
65	32.0	25.0	37.4	
92	19.4	15.2	22.8	

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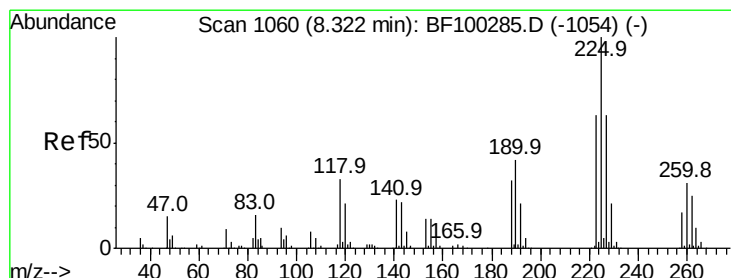
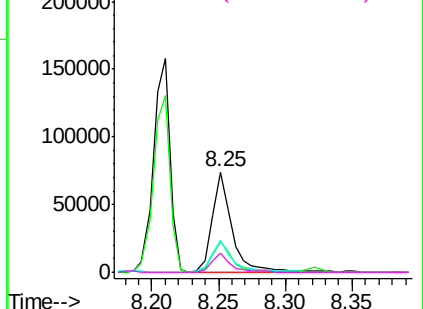
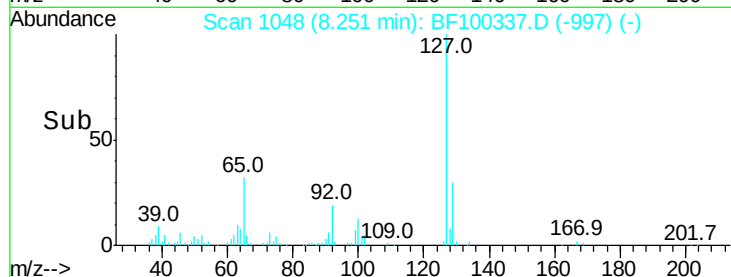
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

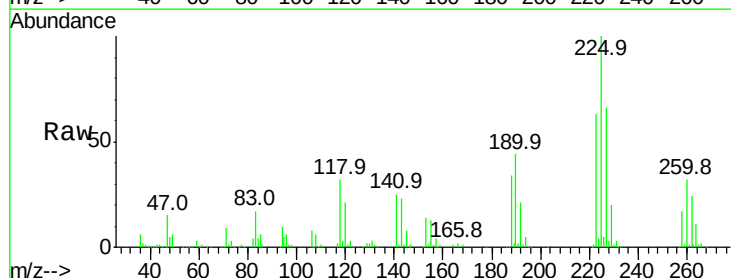
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 32.590 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.6	76.0	
227	65.7	51.9	77.9	

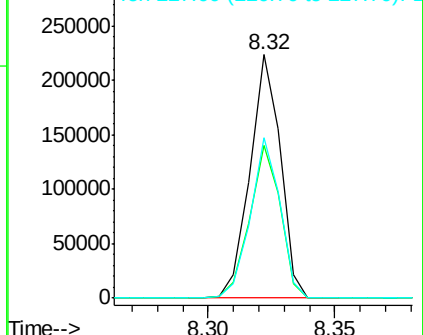
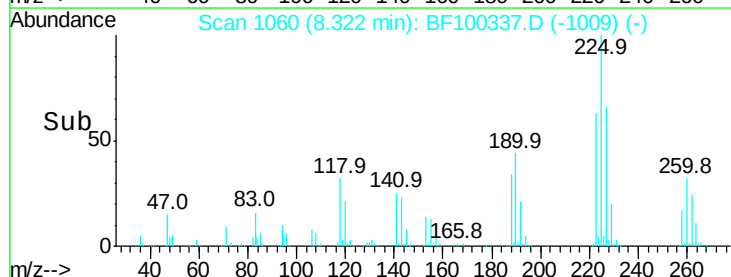


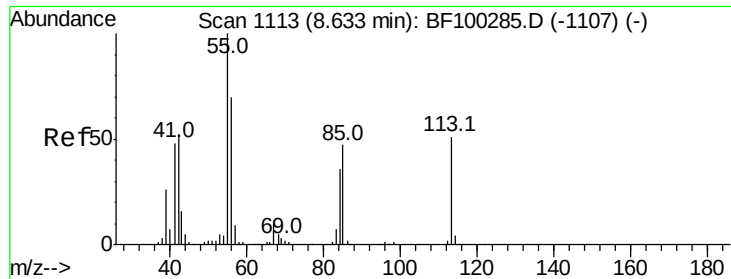
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





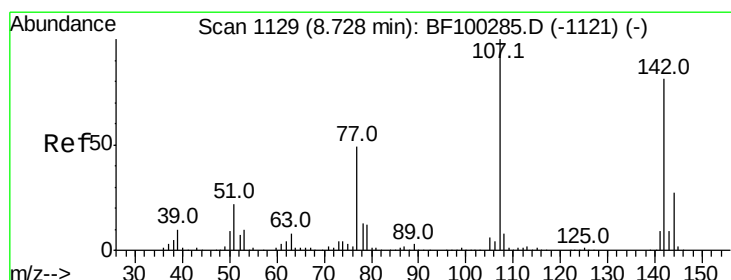
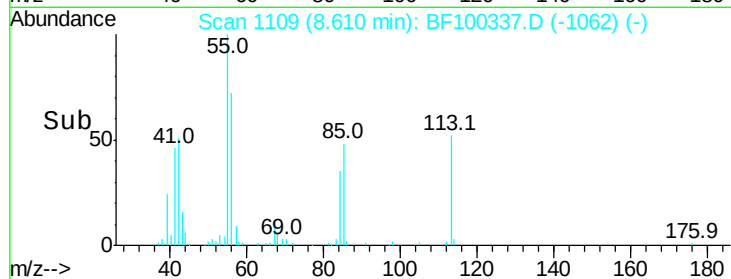
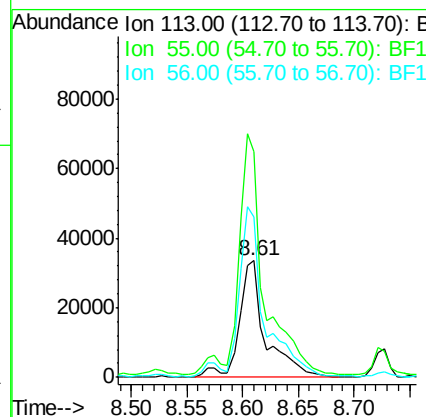
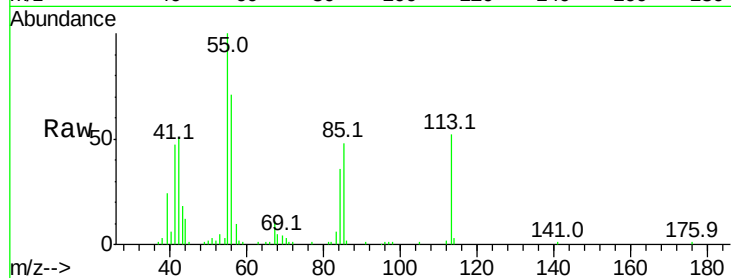
#35
 Caprolactam
 Concen: 18.128 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion:113 Resp: 55723
 Ion Ratio Lower Upper
 113 100
 55 193.7 163.3 203.3
 56 137.5 115.7 155.7

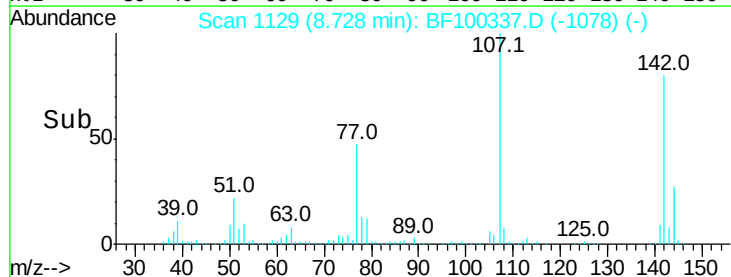
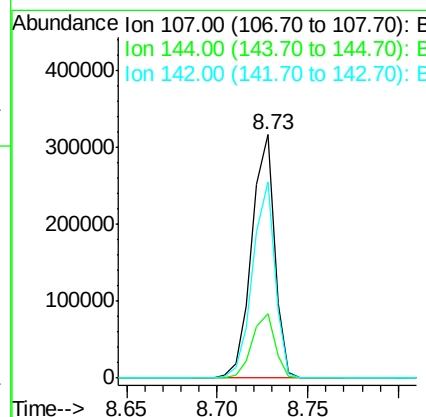
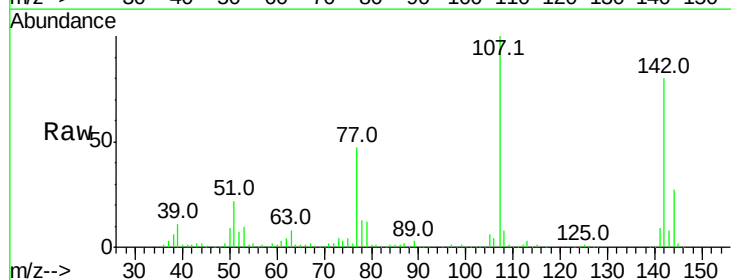
Manual Integrations
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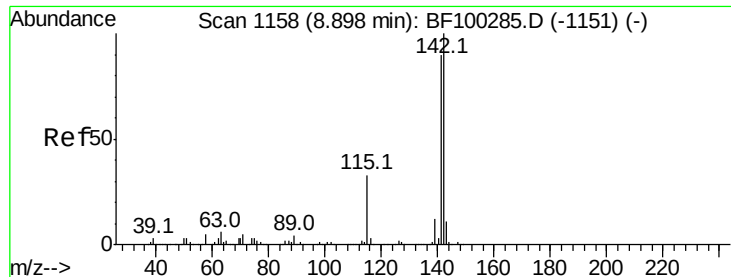
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#36
 4-Chloro-3-methylphenol
 Concen: 28.998 ng/ml
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion:107 Resp: 278954
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 80.5 62.0 93.0





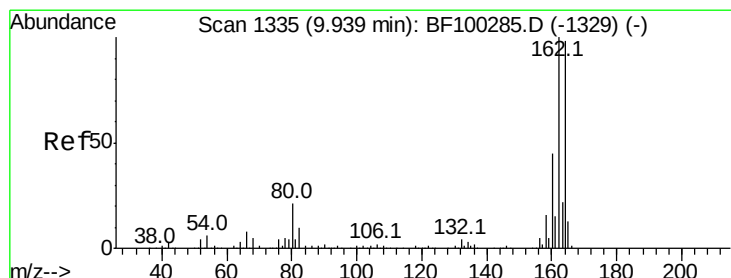
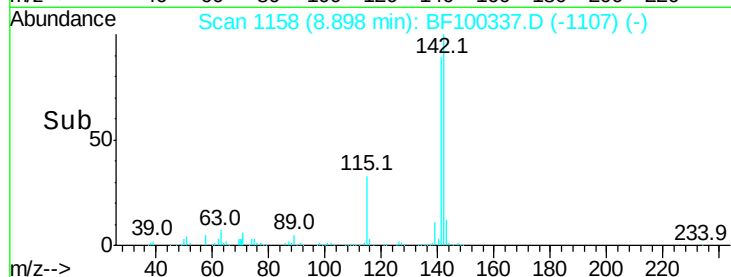
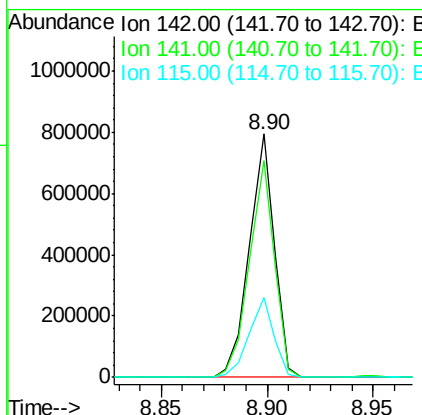
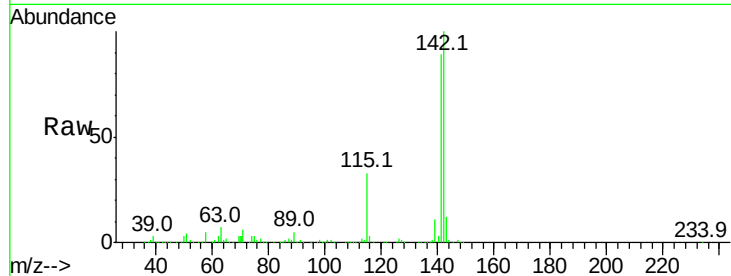
#37
2-Methylnaphthalene
Concen: 31.273 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	32.9	26.1	39.1

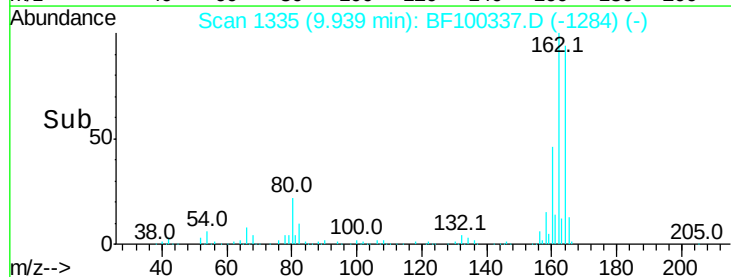
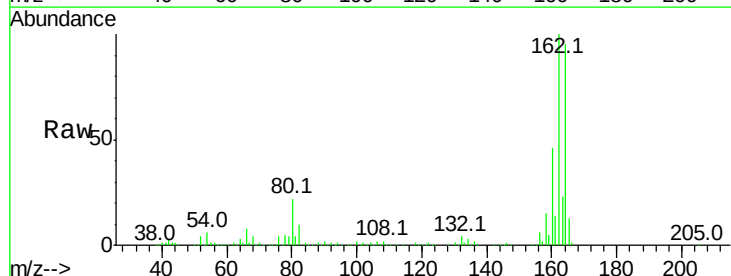
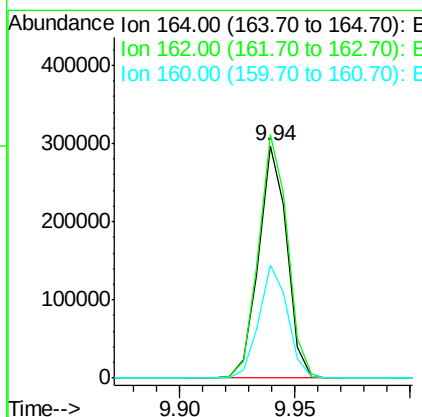
Manual Integrations
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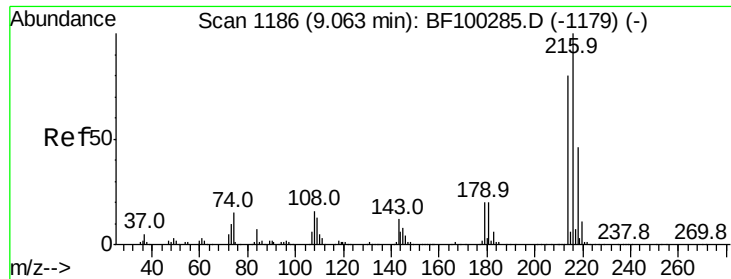
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	48.4	38.3	57.5





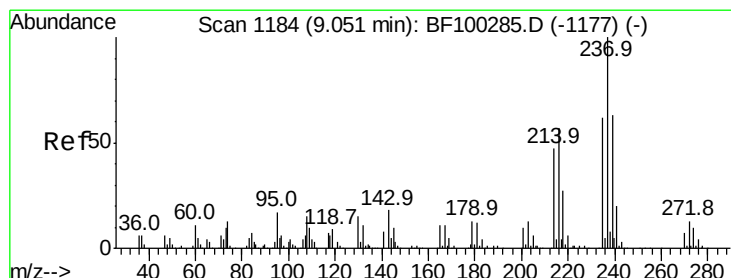
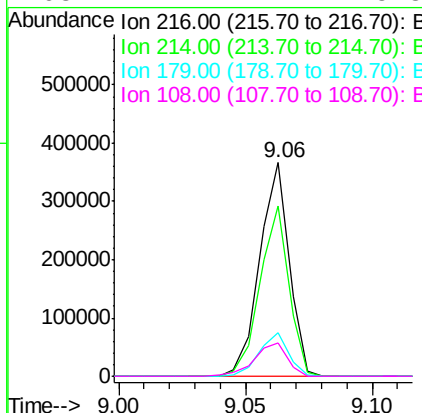
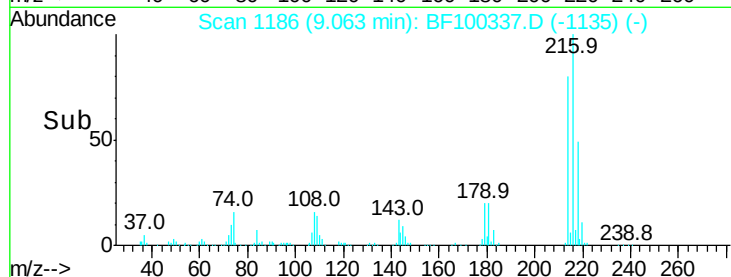
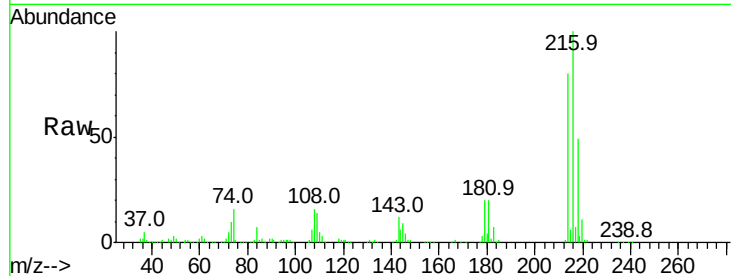
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.549 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	299191		
214	78.3	63.0	94.4	
179	20.0	18.1	27.1	
108	17.4	17.2	25.8	

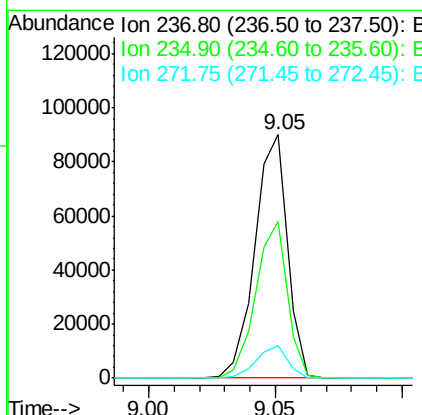
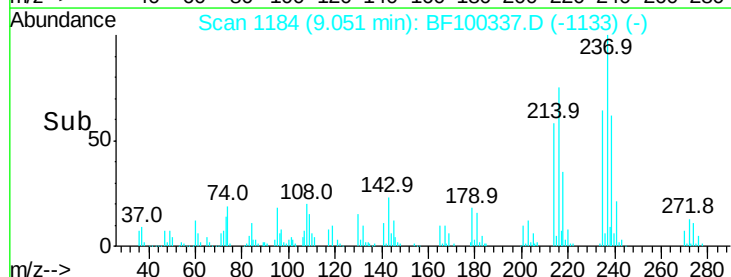
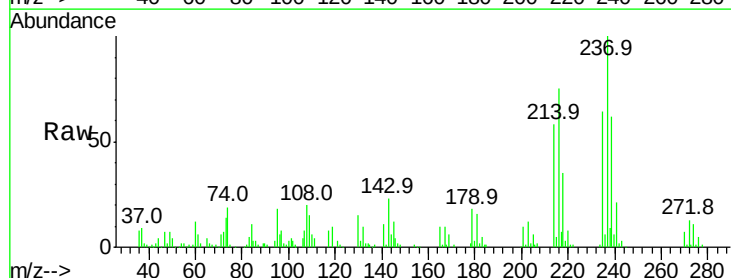
Manual Integrations
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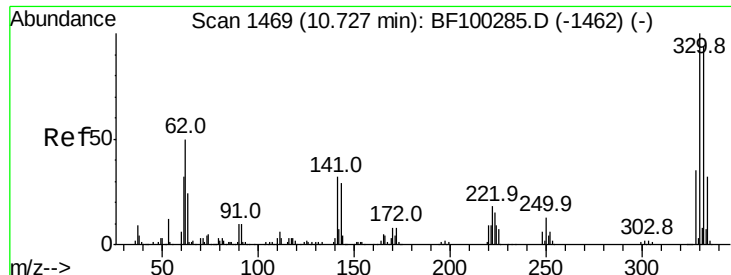
Sohil
 11/10/2017 1:14:53 PM



#40
 Hexachlorocyclopentadiene
 Concen: 20.420 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	80884		
235	64.1	44.8	84.8	
272	13.4	0.0	33.3	





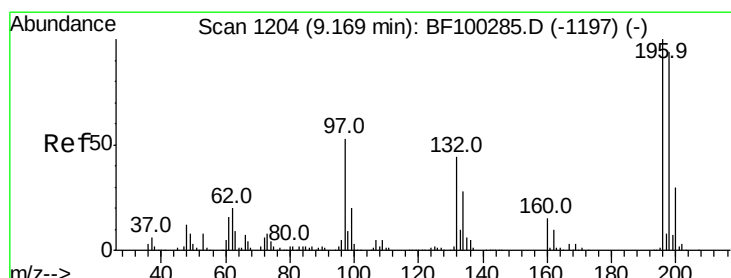
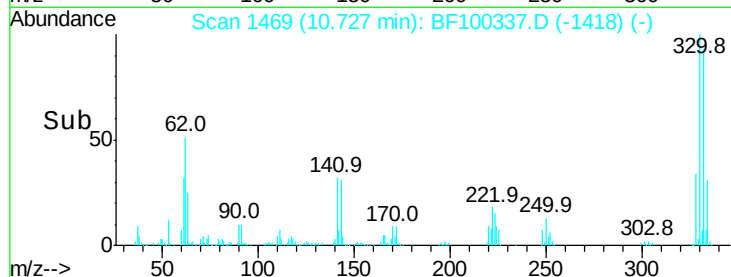
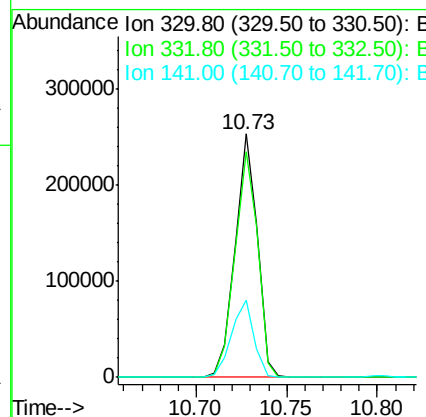
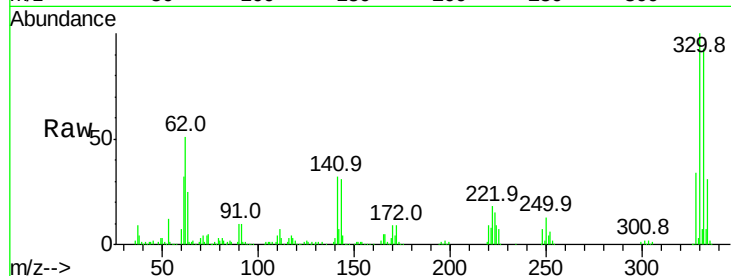
#41
 2,4,6-Tribromophenol
 Concen: 83.708 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.0	115.6	
141	32.2	29.9	44.9	

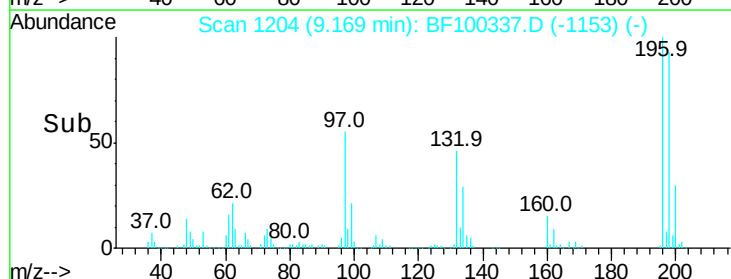
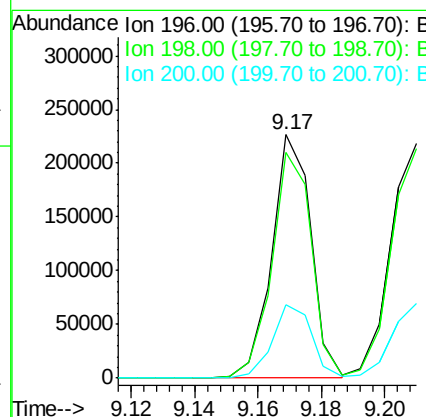
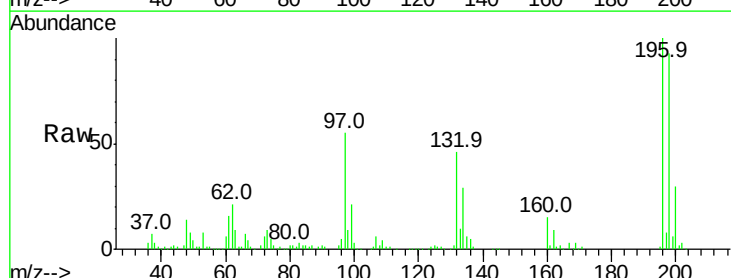
Manual Integrations
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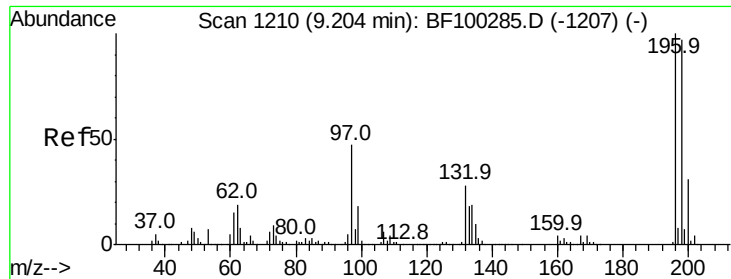
Sohil
 11/10/2017 1:14:53 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.523 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.5	75.7	113.5	
200	30.0	24.5	36.7	





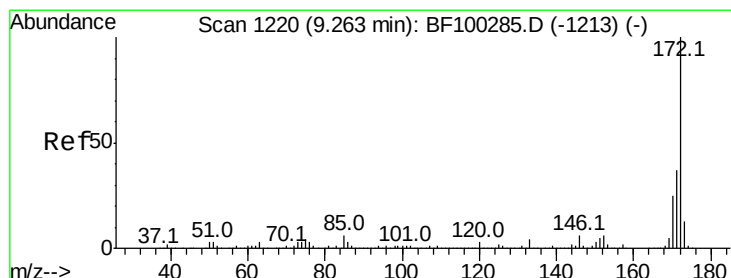
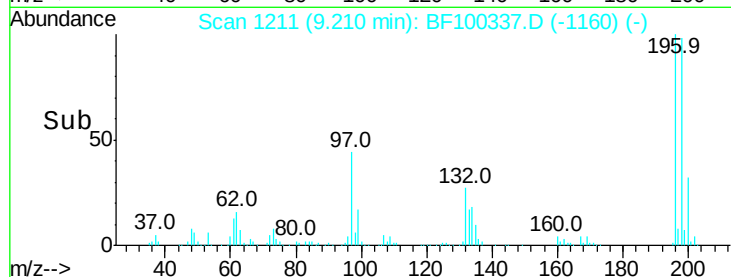
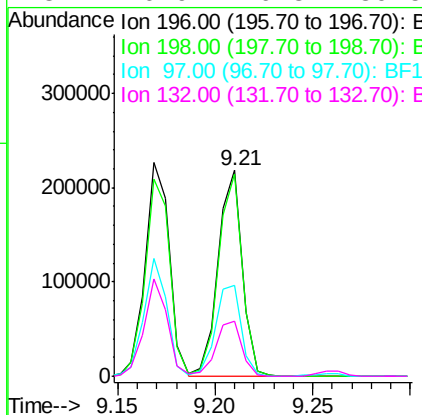
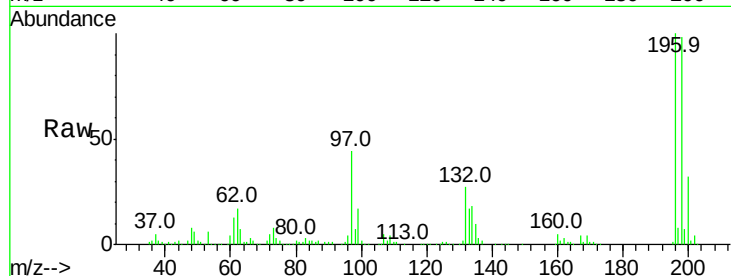
#43
 2,4,5-Trichlorophenol
 Concen: 33.833 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion	196	Resp	186977
Ion Ratio	Lower	Upper	
196	100		
198	98.1	74.6	112.0
97	44.4	42.9	64.3
132	26.9	26.3	39.5

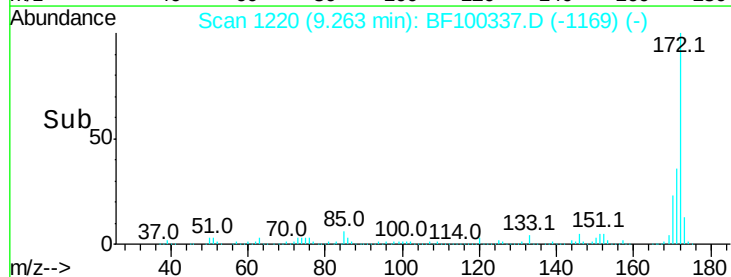
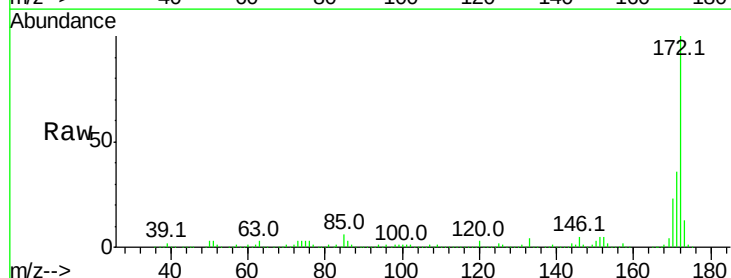
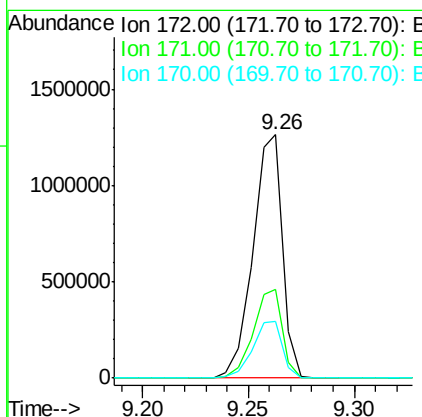
Manual Integrations
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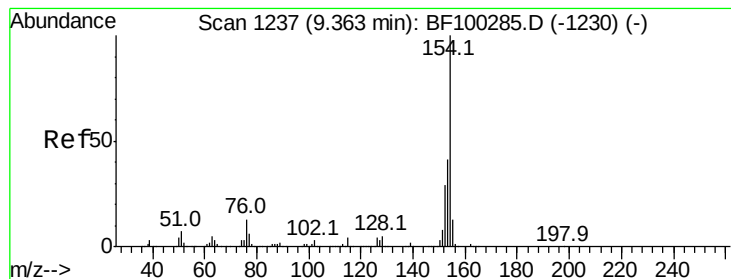
Sohil
 11/10/2017 1:14:53 PM



#44
 2-Fluorobiphenyl
 Concen: 73.305 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion	172	Resp	1221676
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	23.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 34.428 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

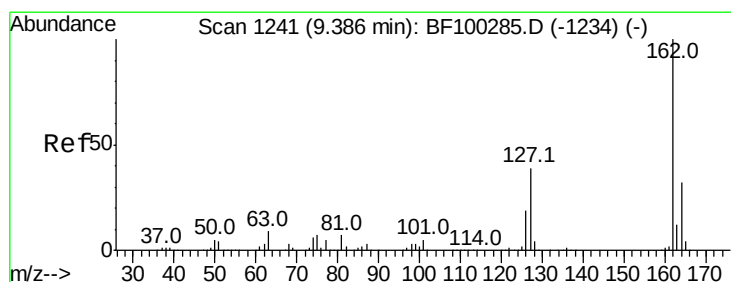
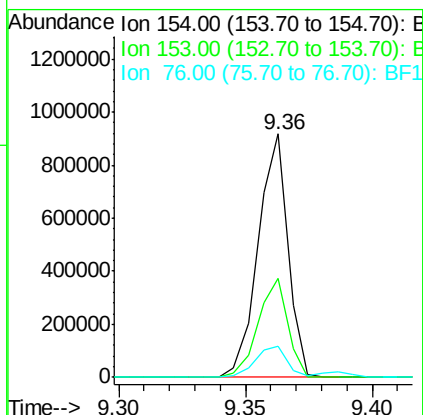
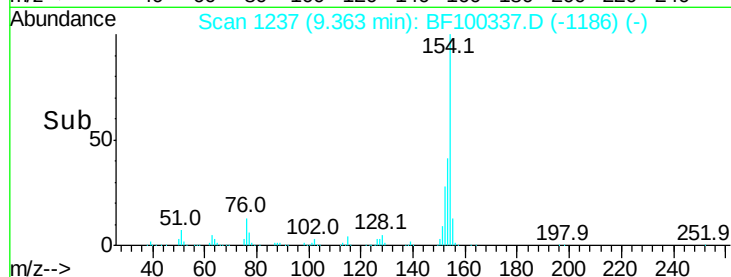
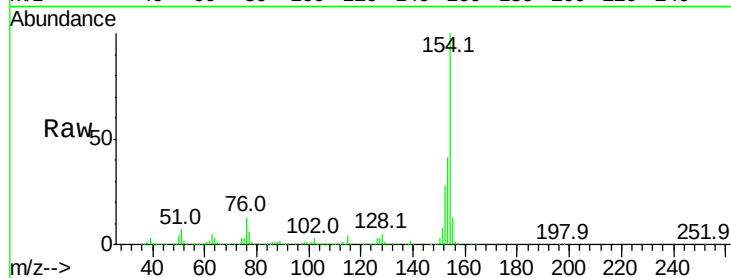
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	154	Resp:	755647
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.3	61.3
76	12.8	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 35.906 ng

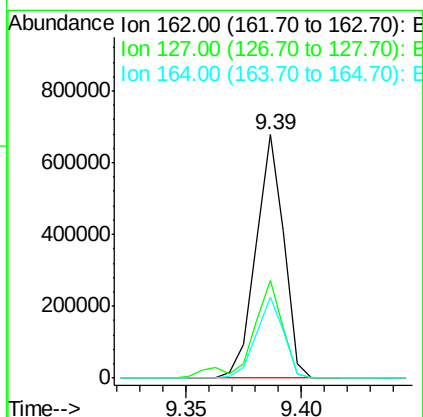
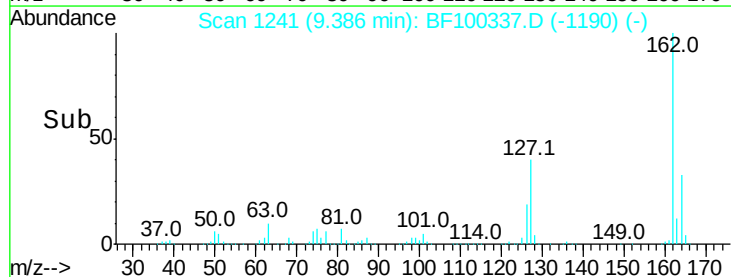
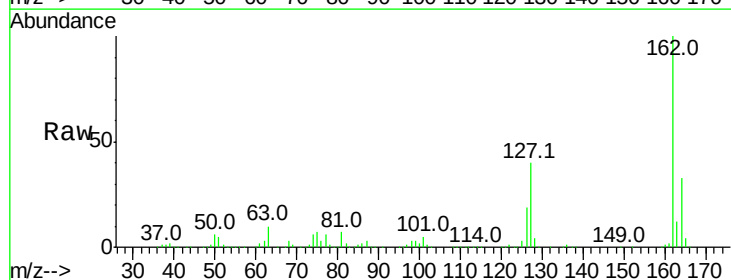
RT: 9.39 min Scan# 1241

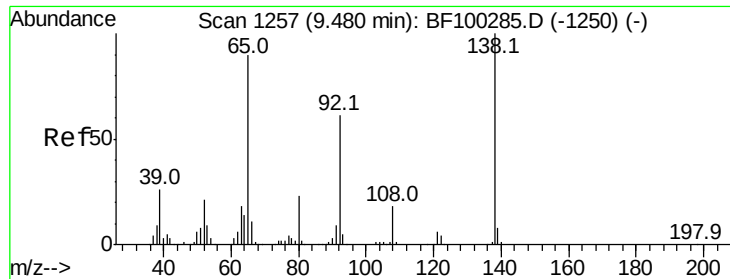
Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	162	Resp:	571732
Ion Ratio	Lower	Upper	
162	100		
127	39.9	33.9	50.9
164	33.3	26.5	39.7





#47

2-Nitroaniline

Concen: 38.138 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

ClientSampleId :

P001-S001-0001-01MS

Tot Ion: 65 Resp: 176578

Ion Ratio Lower Upper

65 100

92 65.7 55.8 83.6

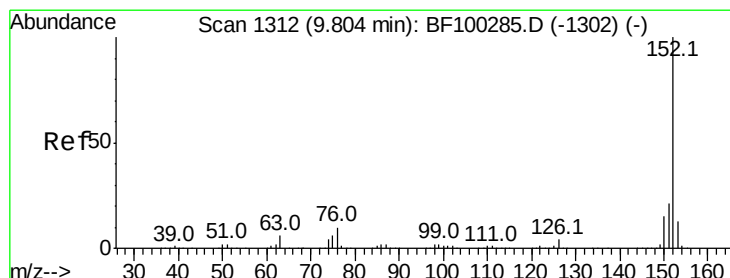
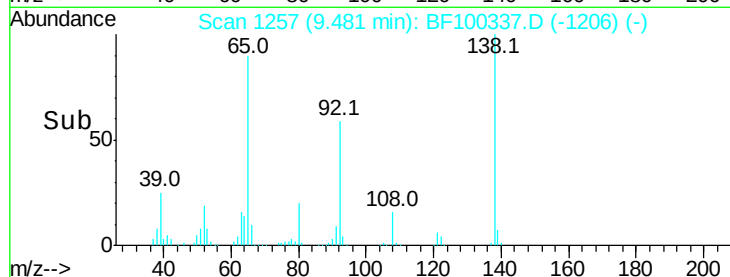
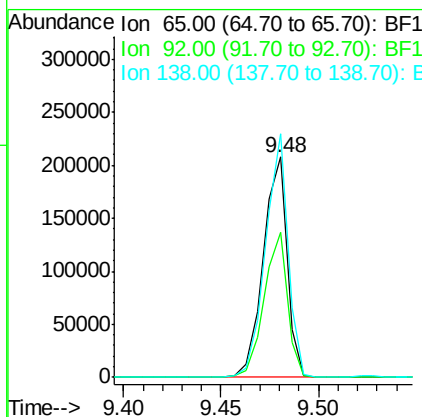
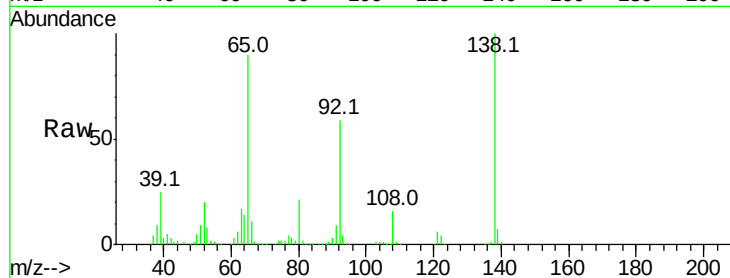
138 110.6 91.2 136.8

Manual Integrations

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Sohil

11/10/2017 1:14:53 PM



#48

Acenaphthylene

Concen: 31.730 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

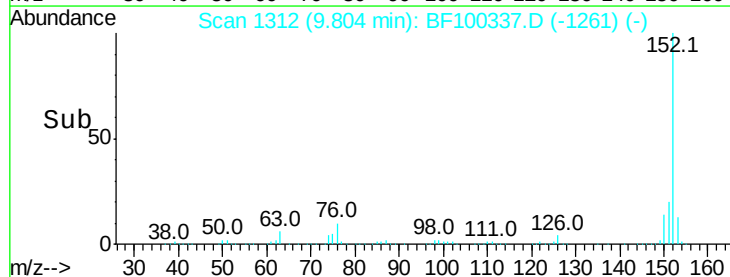
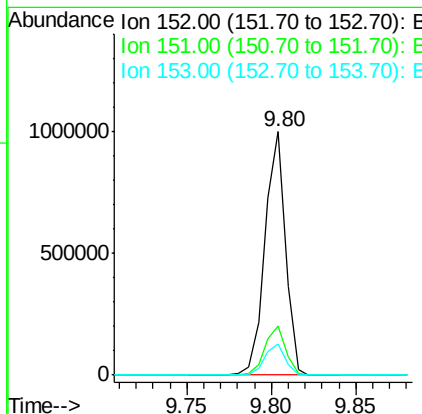
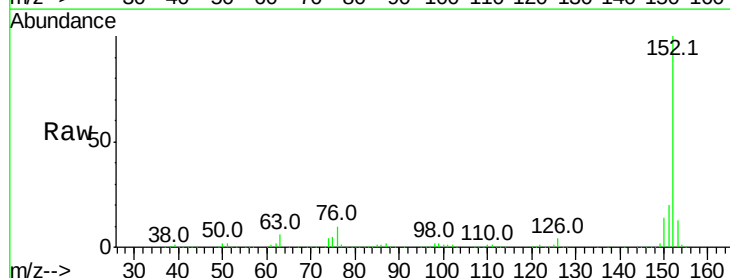
Tgt Ion: 152 Resp: 837294

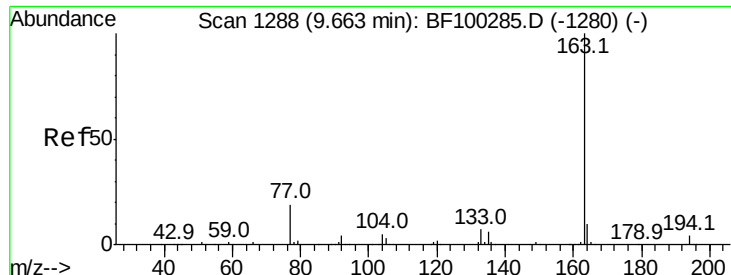
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 12.9 10.7 16.1





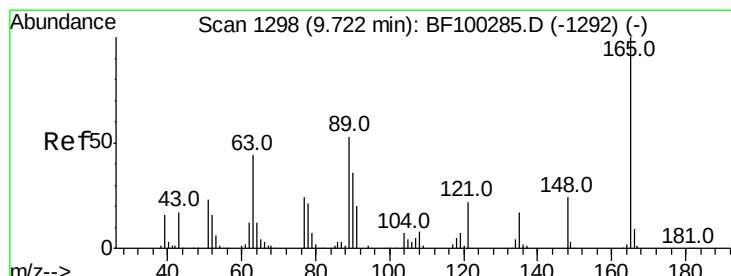
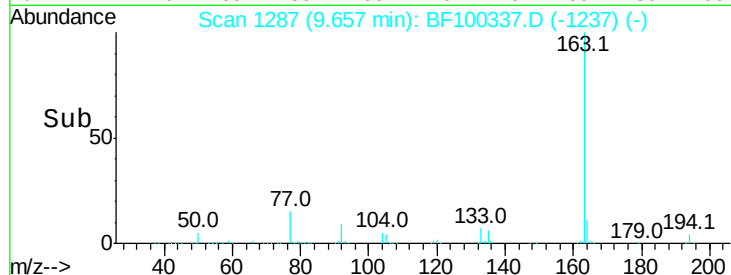
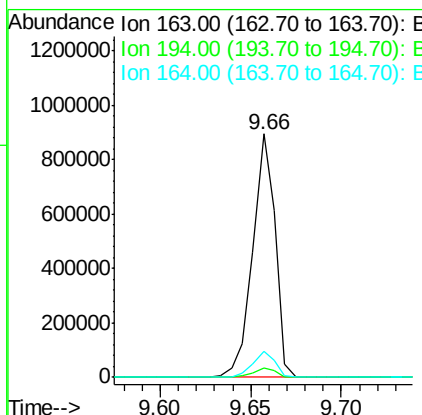
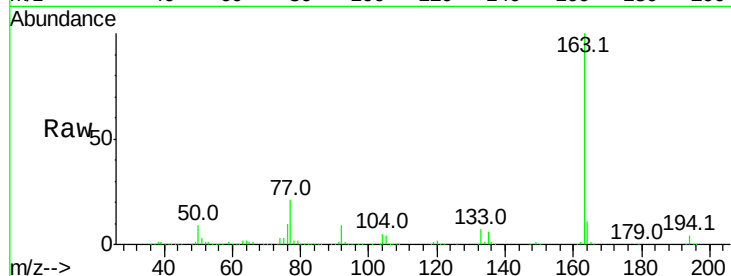
#49
Dimethylphthalate
Concen: 39.860 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	772308		
194	3.9		2.7	4.1
164	10.6		8.2	12.2

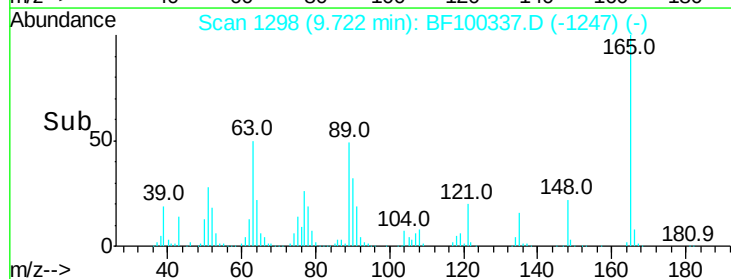
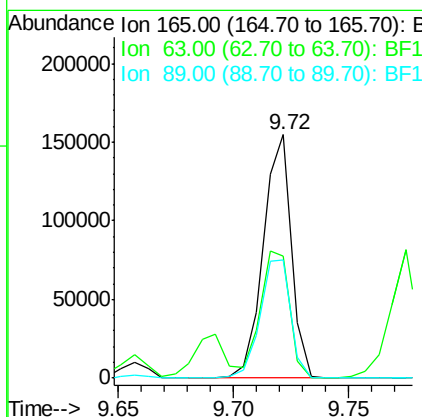
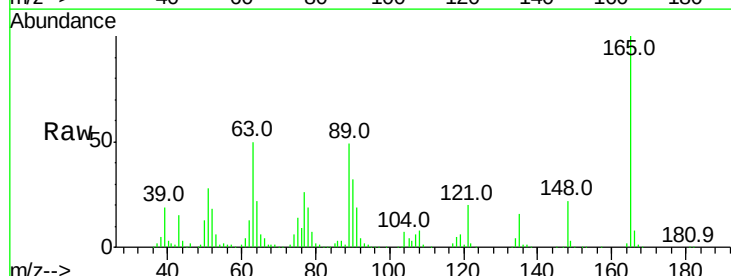
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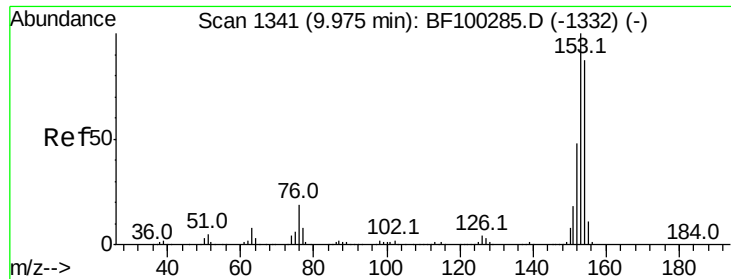
Sohil
11/10/2017 1:14:53 PM



#50
2,6-Dinitrotoluene
Concen: 34.283 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	131484		
63	50.2		44.7	67.1
89	48.7		44.0	66.0





#51

Acenaphthene

Concen: 31.314 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

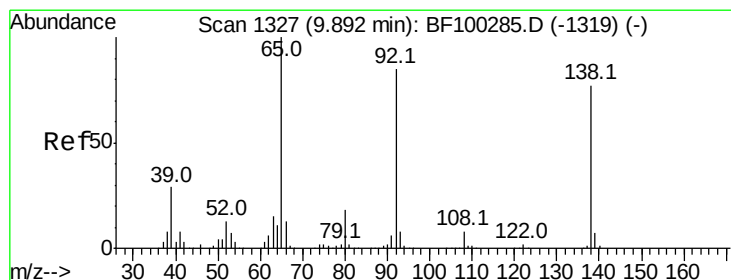
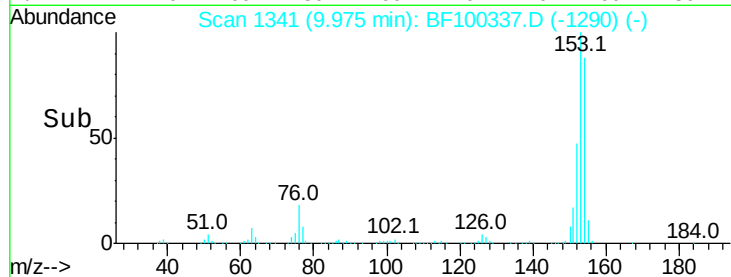
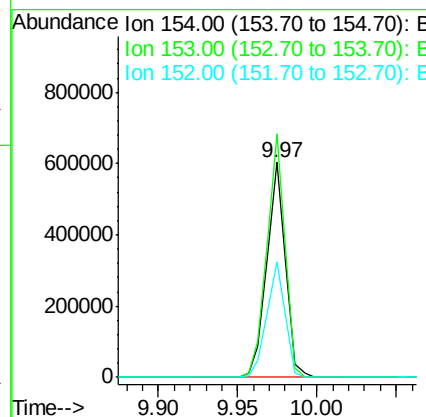
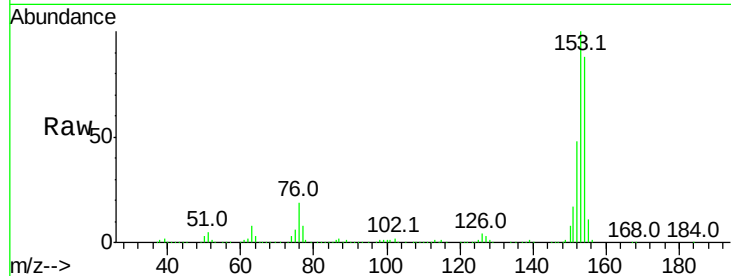
ClientSampleId :

P001-S001-0001-01MS

Tot Ion	154	Resp	502551
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.2	136.8
152	53.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 20.947 ng

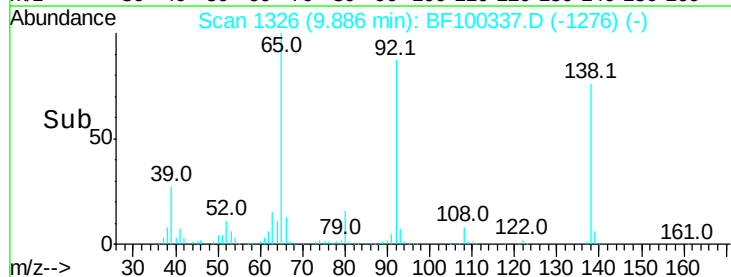
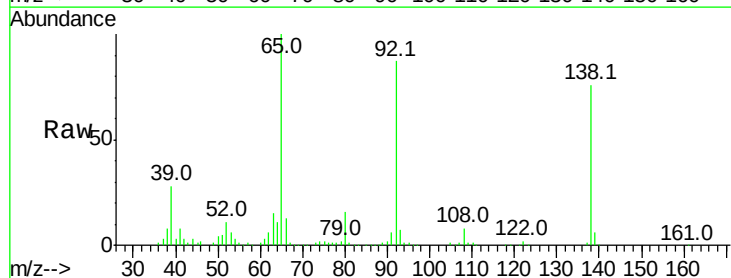
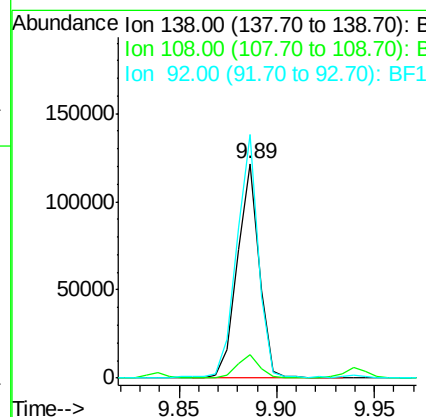
RT: 9.89 min Scan# 1326

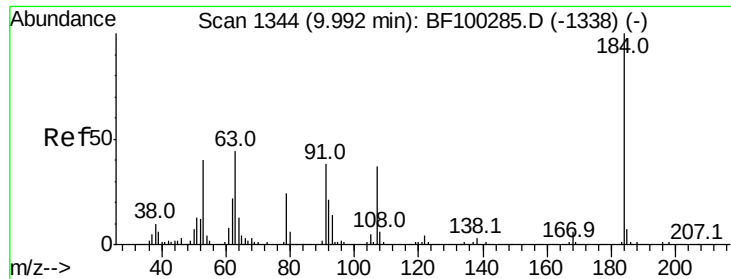
Delta R.T. -0.01 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion	138	Resp	94869
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	113.6	89.4	134.2





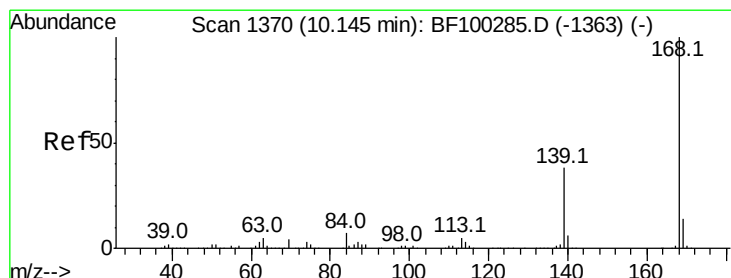
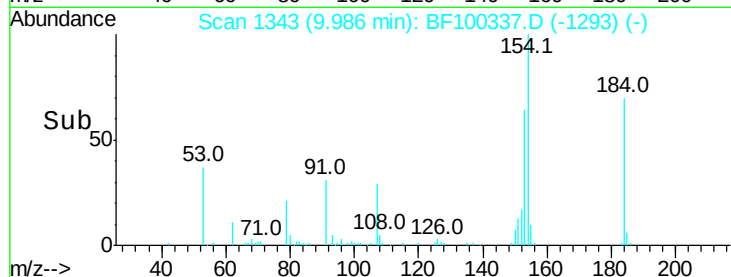
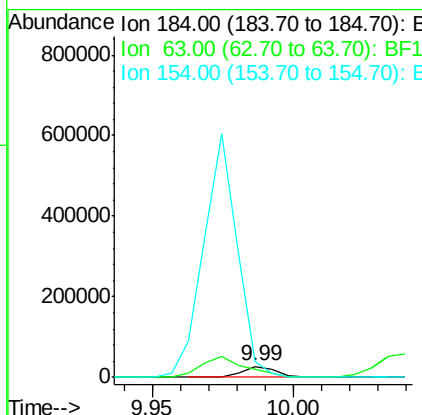
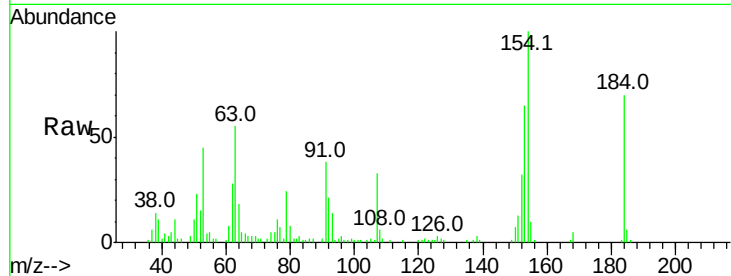
#53
2,4-Dinitrophenol
Concen: 23.840 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	77.8	54.2	81.2
154	142.4	184.0	276.0#

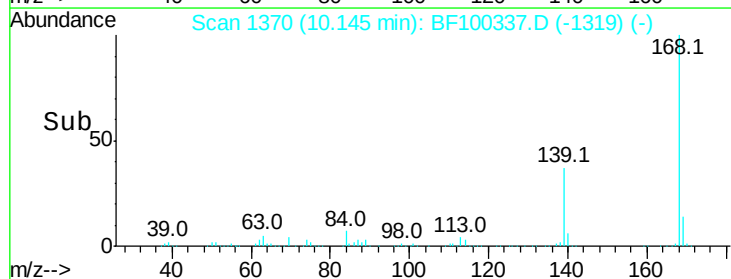
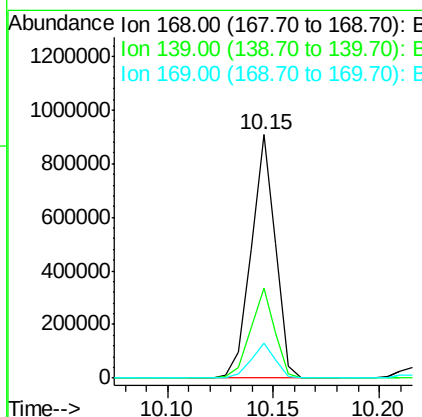
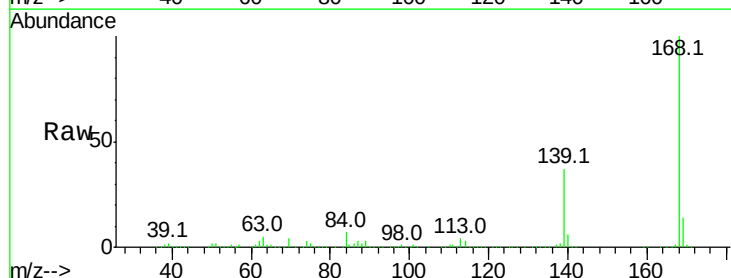
Manual Integrations
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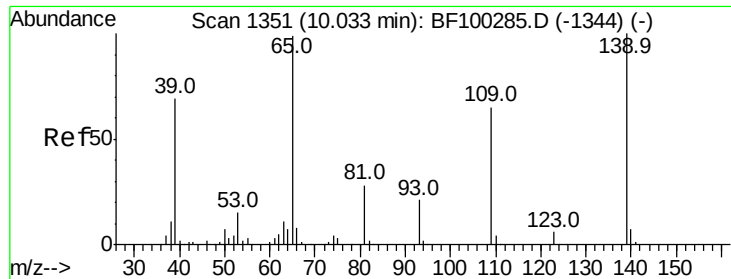
Sohil
11/10/2017 1:14:53 PM



#54
Dibenzofuran
Concen: 32.125 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	14.4	10.9	16.3





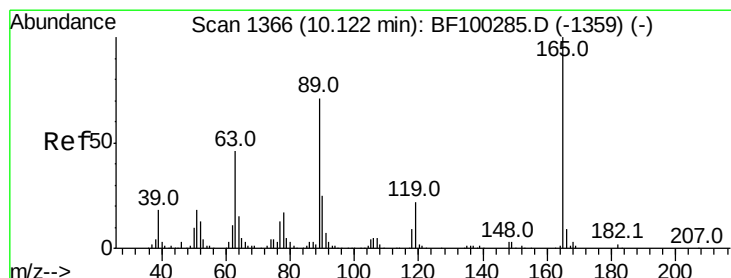
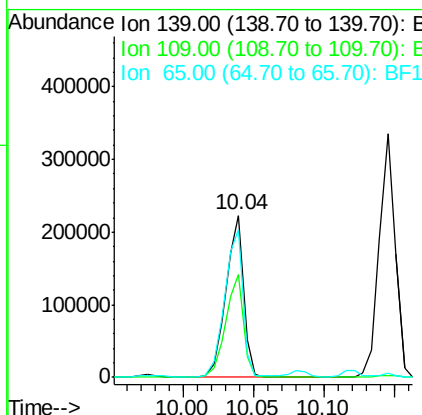
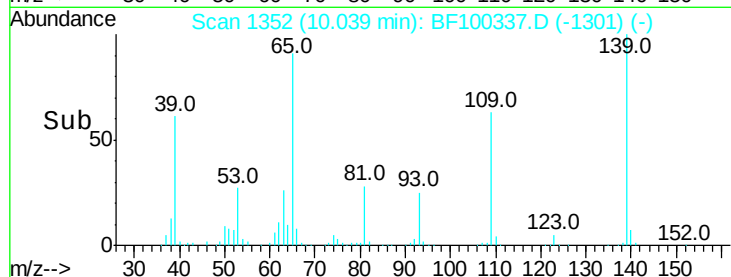
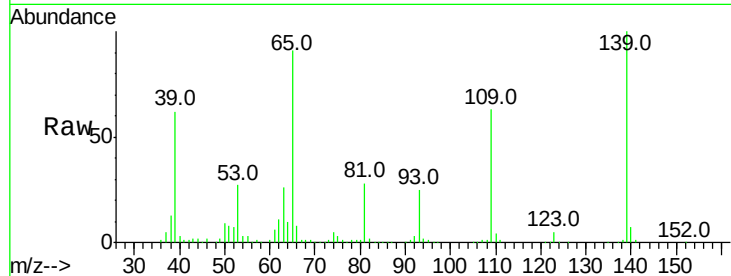
#55
4-Nitrophenol
Concen: 52.769 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.2	48.4	88.4
65	91.5	72.6	112.6

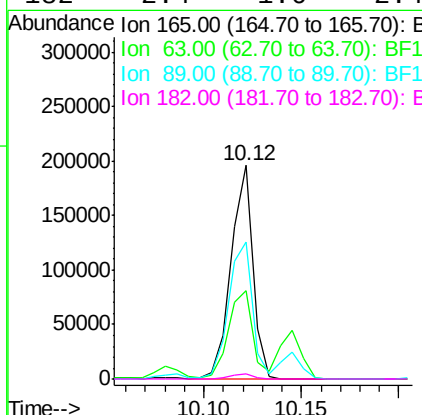
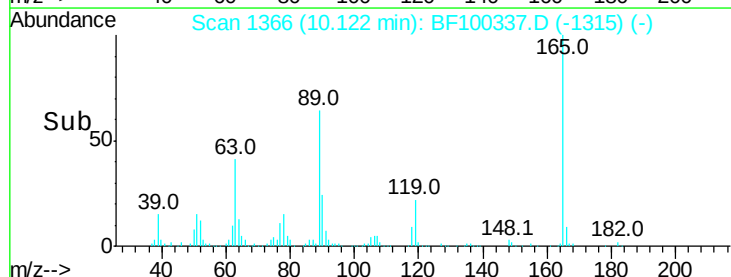
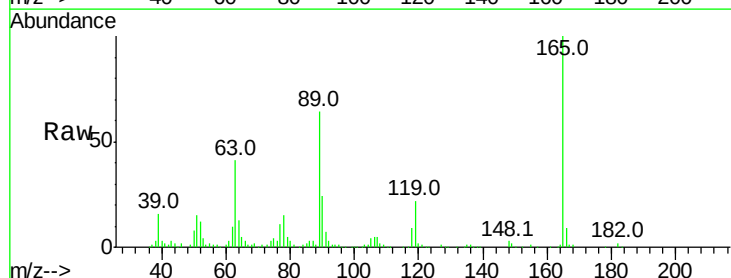
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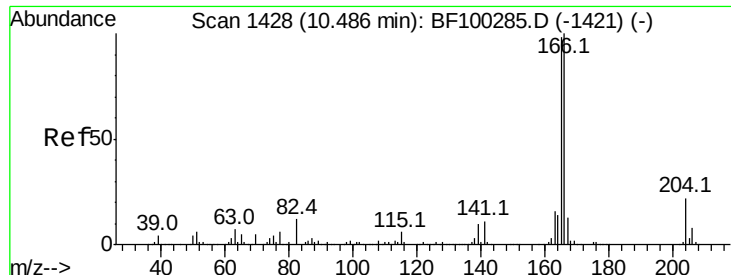
Sohil
11/10/2017 1:14:53 PM



#56
2,4-Dinitrotoluene
Concen: 31.576 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.1	36.4	54.6
89	64.4	57.8	86.6
182	2.4	1.6	2.4#





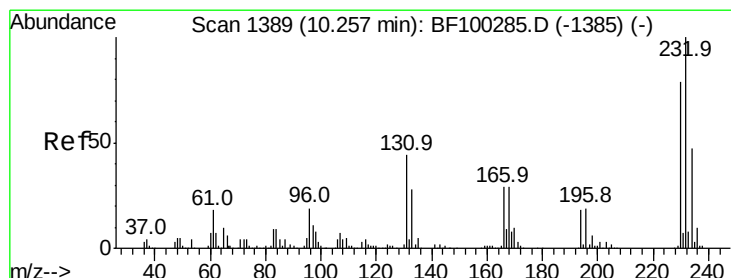
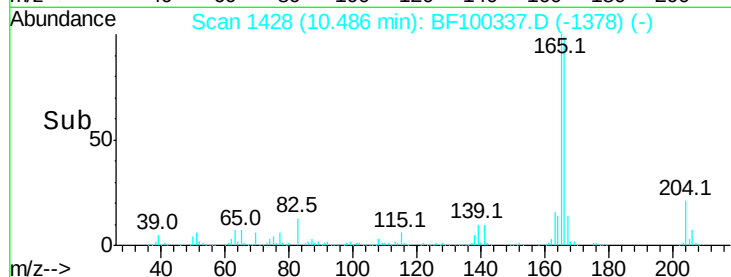
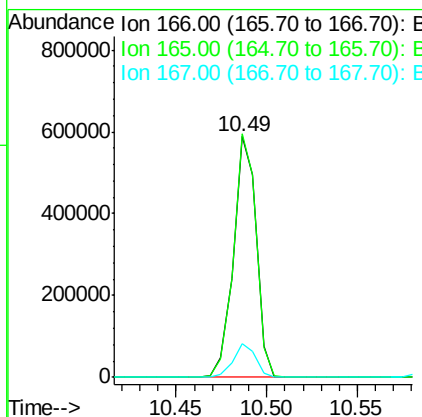
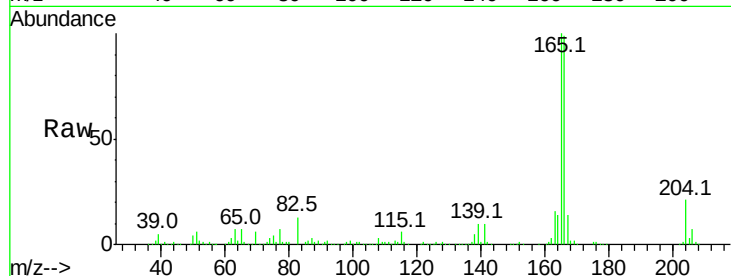
#57
Fluorene
 Concen: 31.172 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.0	79.8	119.8	
167	13.8	10.6	16.0	

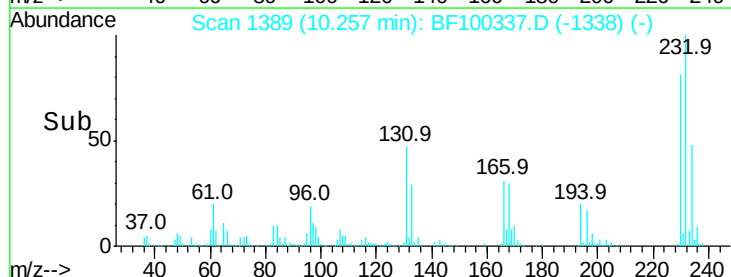
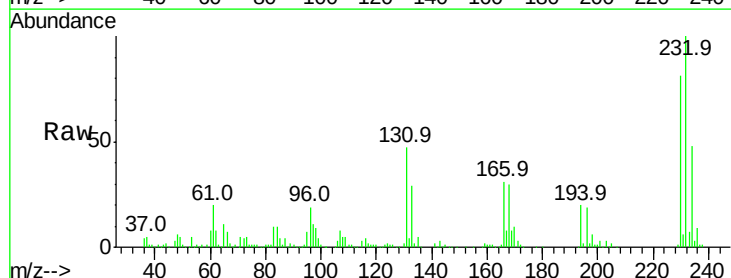
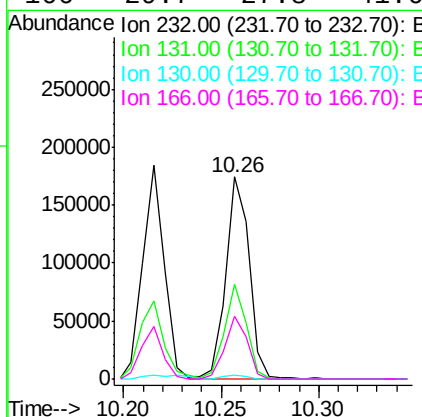
Manual Integrations
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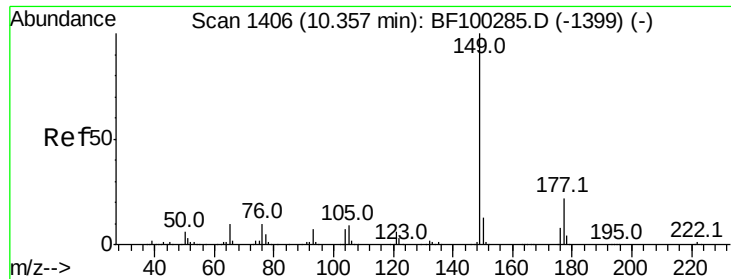
Sohil
 11/10/2017 1:14:53 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 31.989 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.3	43.8	65.8	
130	1.9	2.1	3.1#	
166	29.7	27.8	41.6	





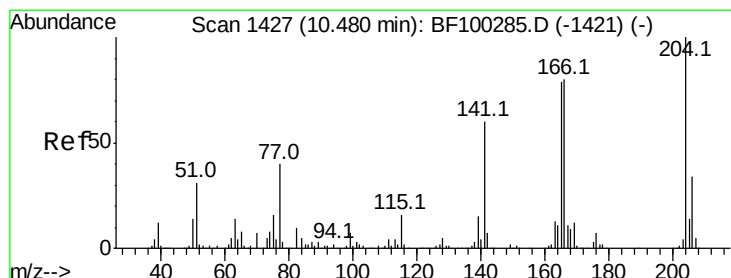
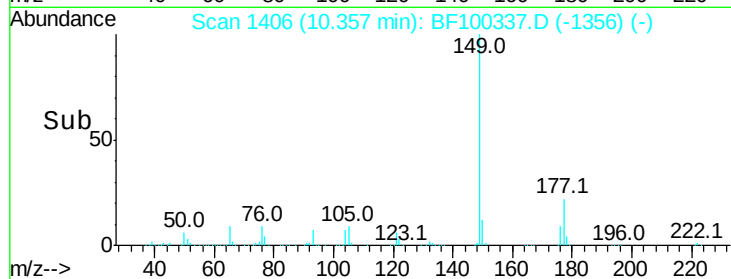
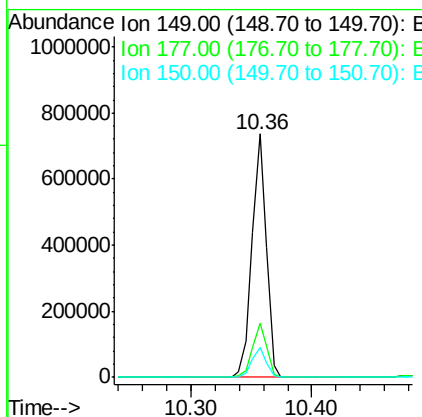
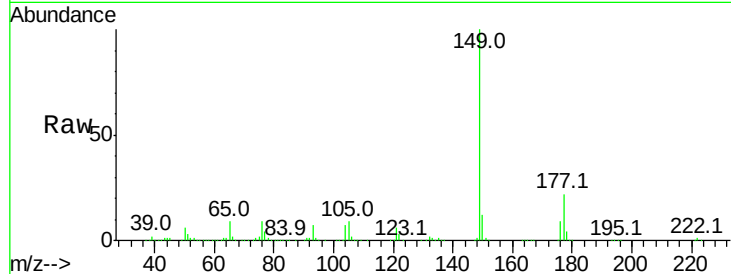
#59
Diethylphthalate
Concen: 31.672 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.1	24.1
150	12.1	10.1	15.1

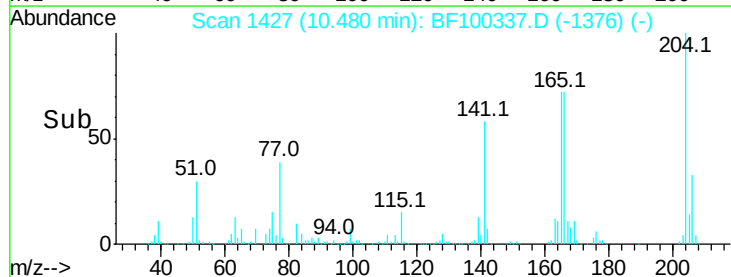
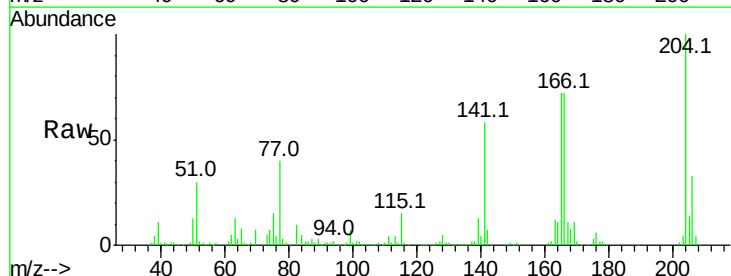
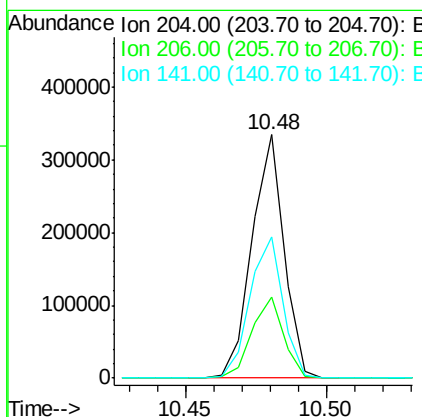
Manual Integrations
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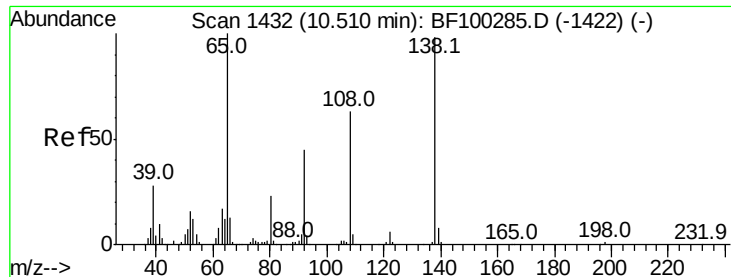
Sohil
11/10/2017 1:14:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.646 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	58.2	54.6	81.8





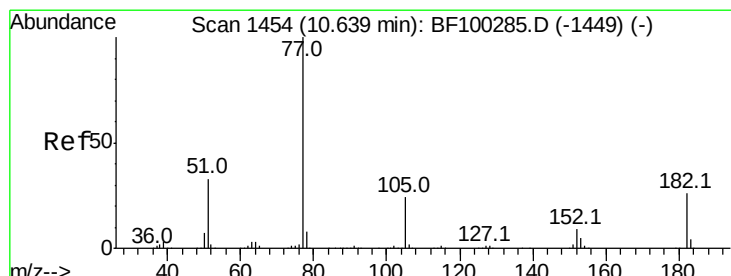
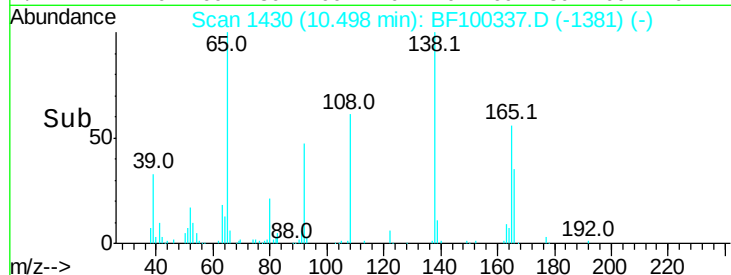
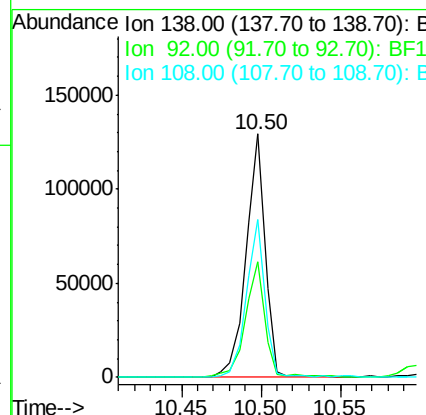
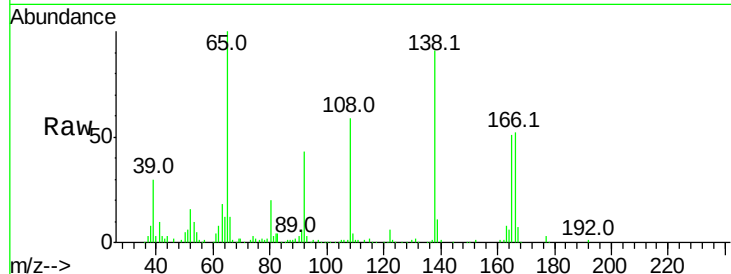
#61
4-Nitroaniline
Concen: 25.237 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.4	30.2	70.2
108	64.7	52.5	92.5

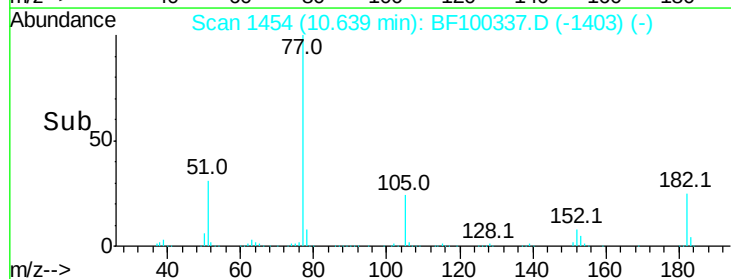
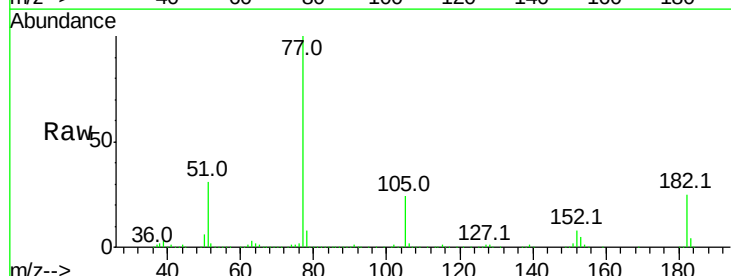
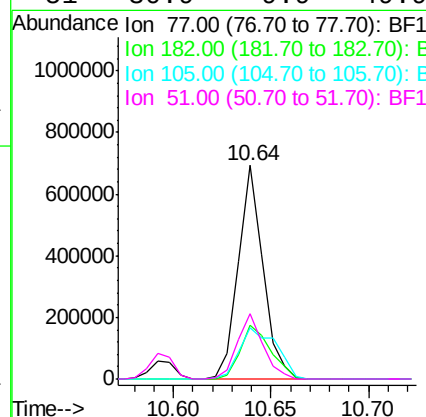
Manual Integrations
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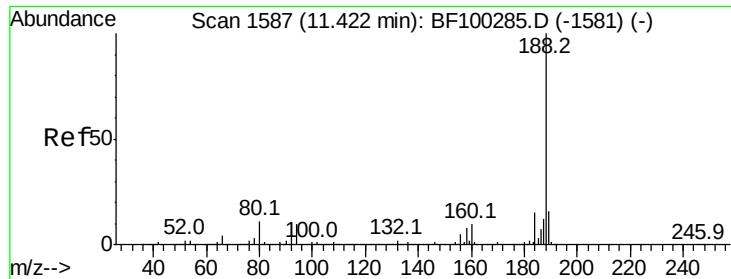
Sohil
11/10/2017 1:14:53 PM



#62
Azobenzene
Concen: 33.442 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	1.7	41.7
105	24.2	3.0	43.0
51	30.9	9.9	49.9





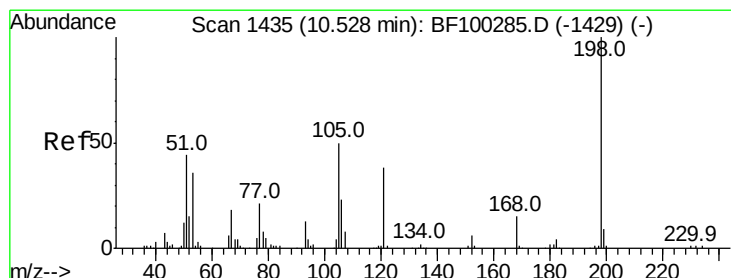
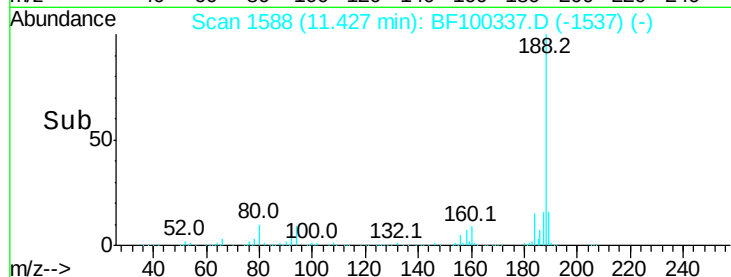
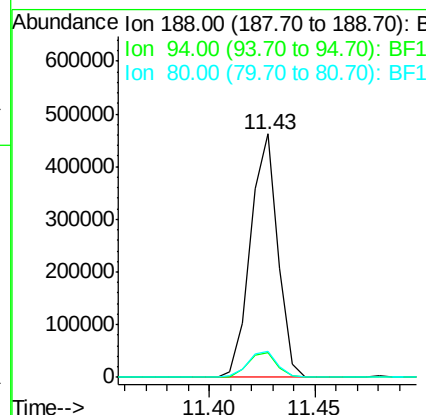
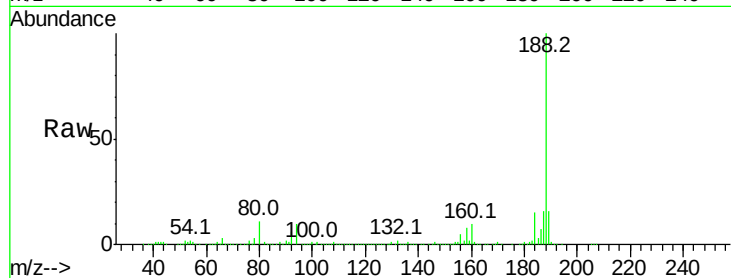
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	411998		
94	9.9		8.5	12.7
80	10.6		9.2	13.8

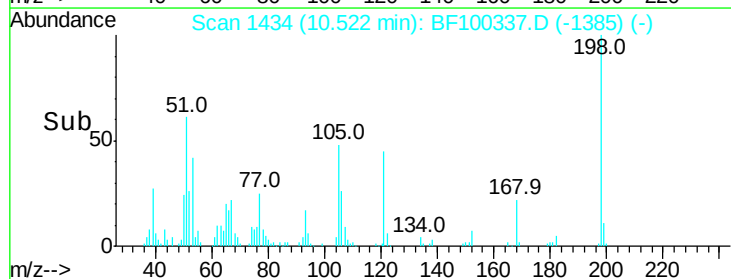
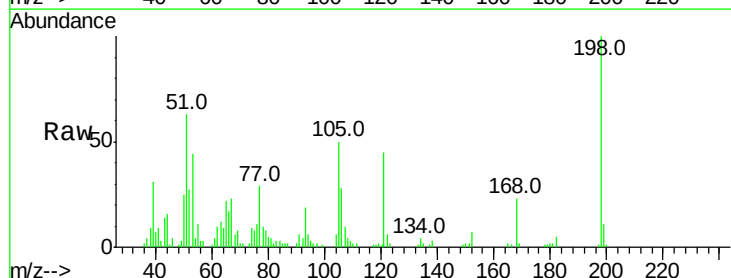
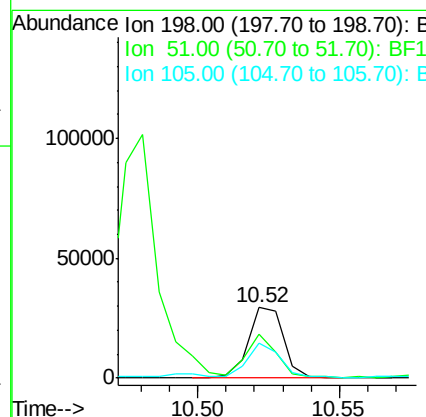
Manual Integrations
APPROVED

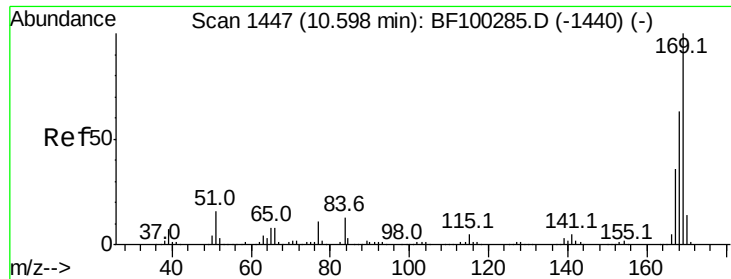
Sohil
11/10/2017 1:14:53 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 18.537 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	25240		
51	62.5		37.7	77.7
105	50.0		36.3	76.3





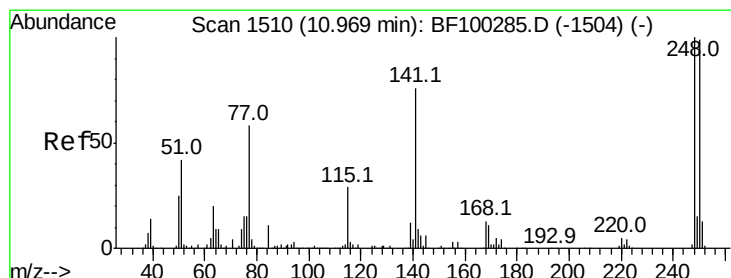
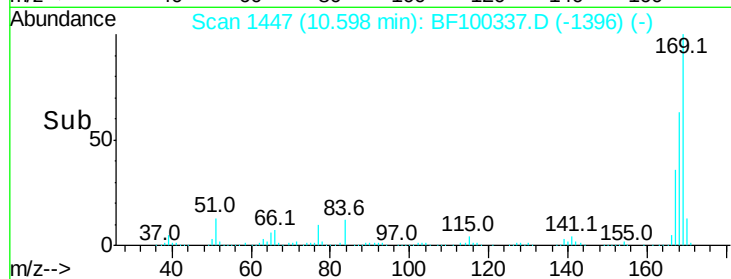
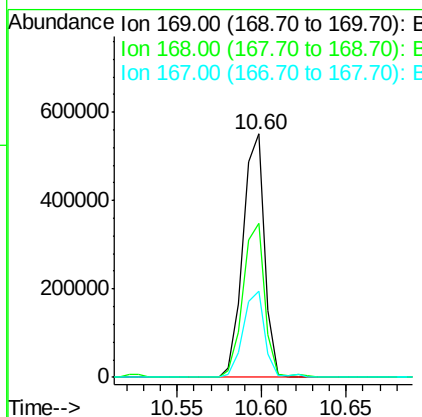
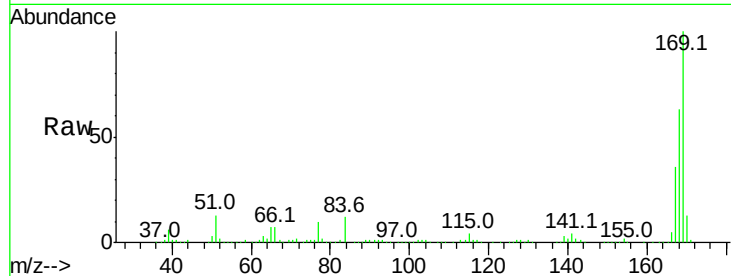
#65
 n-Nitrosodiphenylamine
 Concen: 34.189 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.0	54.4	81.6
167	35.6	29.8	44.6

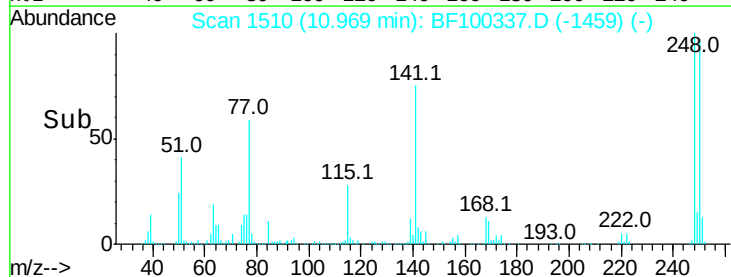
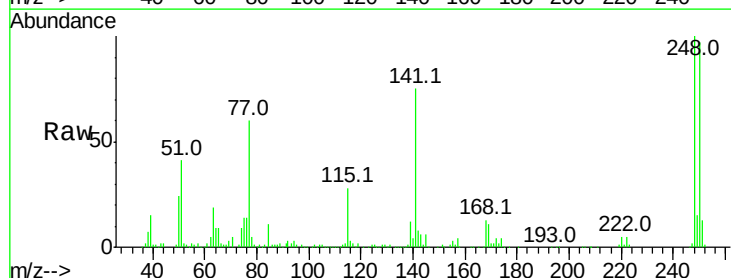
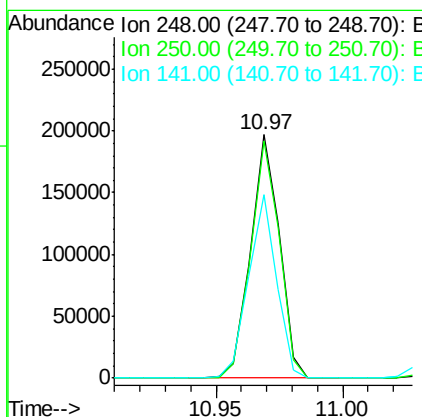
Manual Integrations
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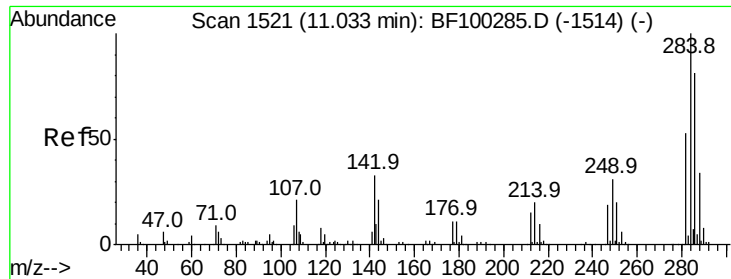
Sohil
 11/10/2017 1:14:53 PM



#66
 4-Bromophenyl-phenylether
 Concen: 35.338 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	75.2	74.4	111.6





#67

Hexachlorobenzene

Concen: 33.601 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

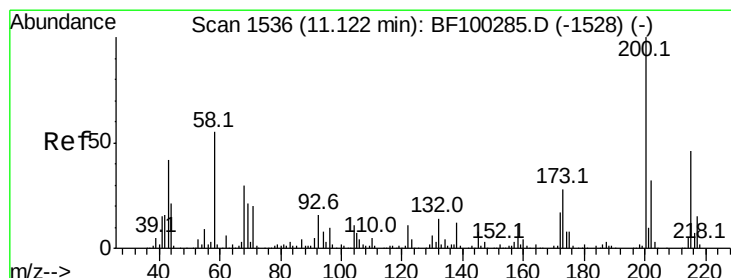
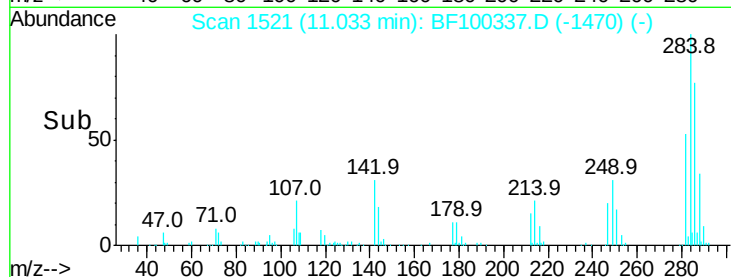
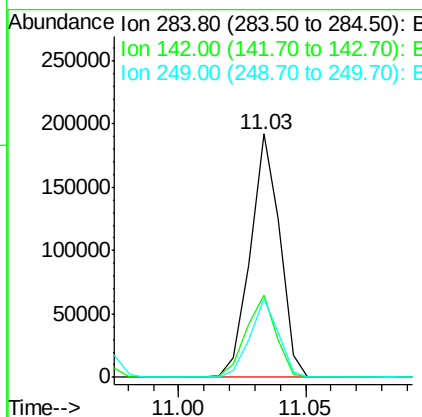
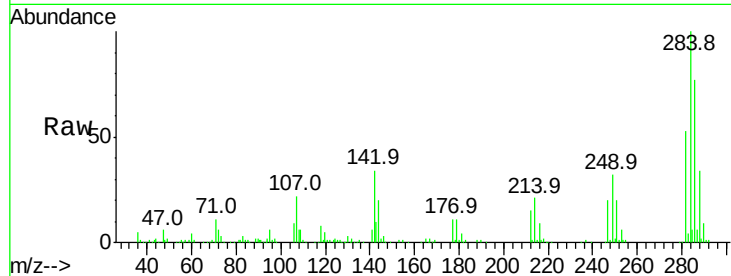
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	284	Resp:	155211
Ion Ratio	Lower	Upper	
284	100		
142	33.8	34.6	52.0#
249	32.0	24.8	37.2

Manual Integrations
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Sohil
11/10/2017 1:14:53 PM



#68

Atrazine

Concen: 32.843 ng

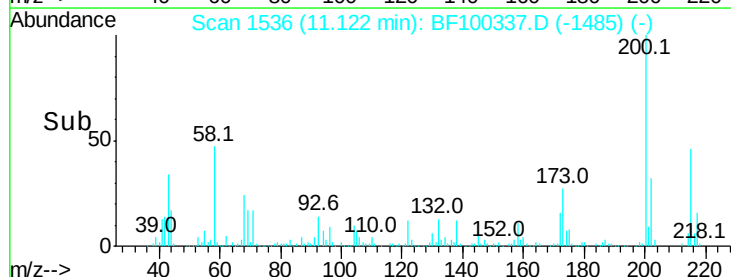
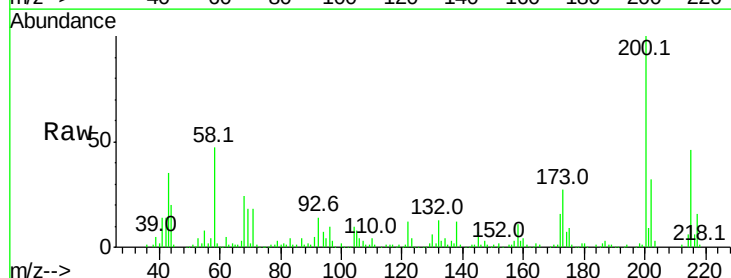
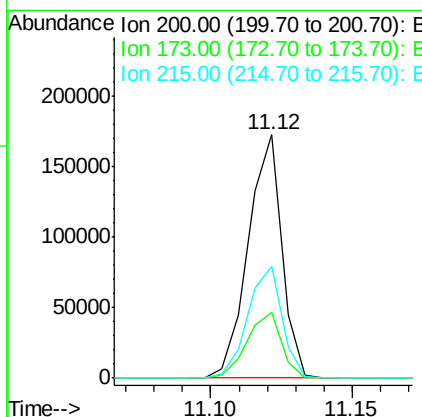
RT: 11.12 min Scan# 1536

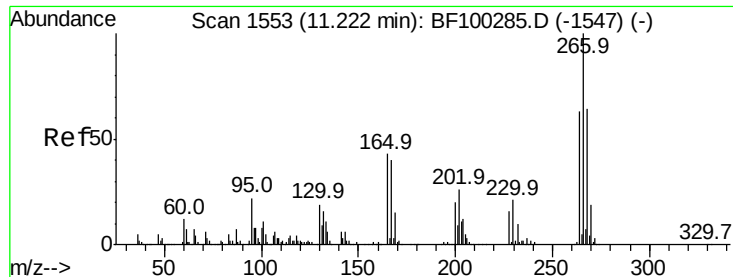
Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	200	Resp:	142419
Ion Ratio	Lower	Upper	
200	100		
173	27.2	8.6	48.6
215	46.0	25.1	65.1





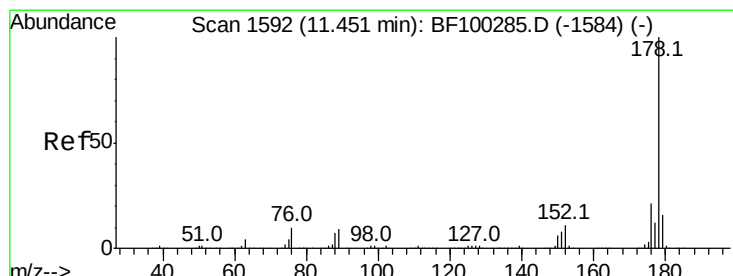
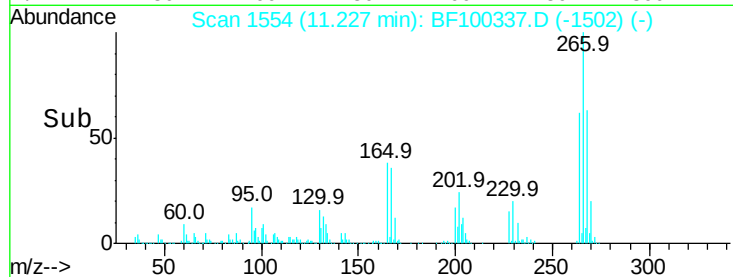
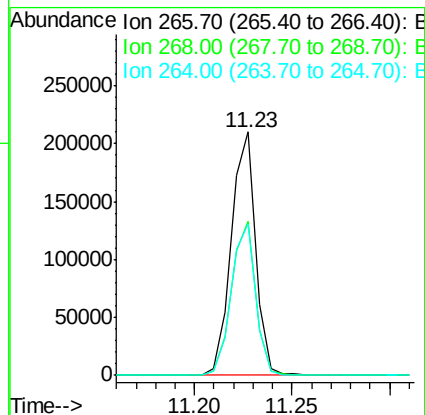
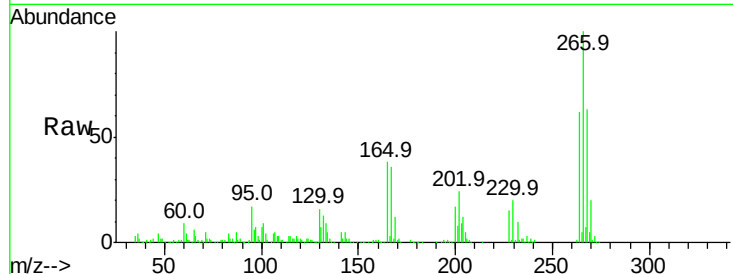
#69
 Pentachlorophenol
 Concen: 54.922 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion:	266	Resp:	181913
Ion Ratio		Lower	Upper
266	100		
268	63.3	51.1	76.7
264	62.3	49.5	74.3

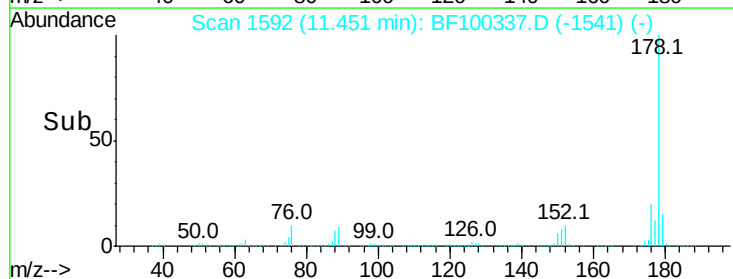
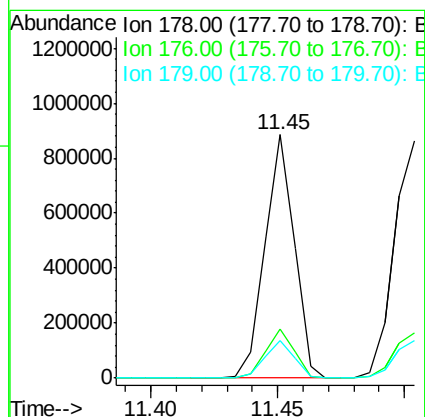
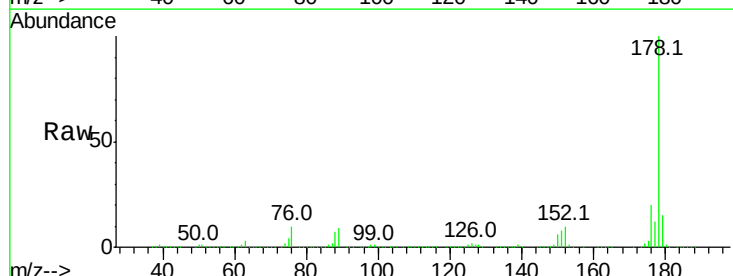
Manual Integrations
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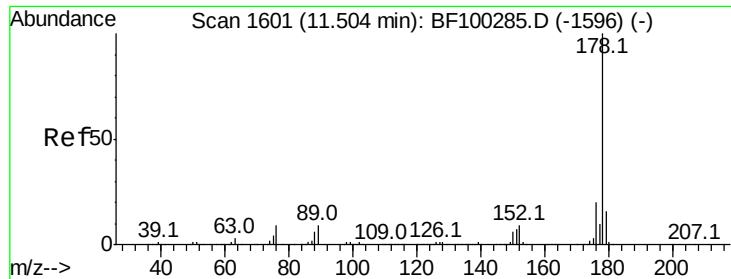
Sohil
 11/10/2017 1:14:53 PM



#70
 Phenanthrene
 Concen: 32.886 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion:	178	Resp:	713369
Ion Ratio		Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.4	13.0	19.6





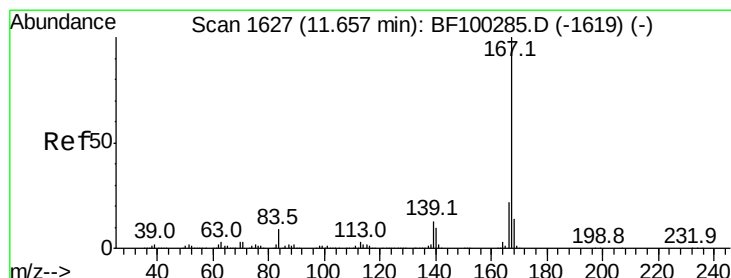
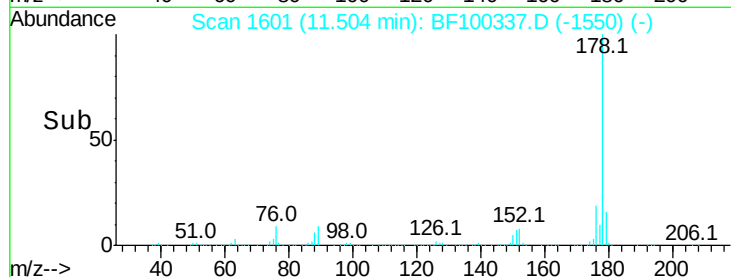
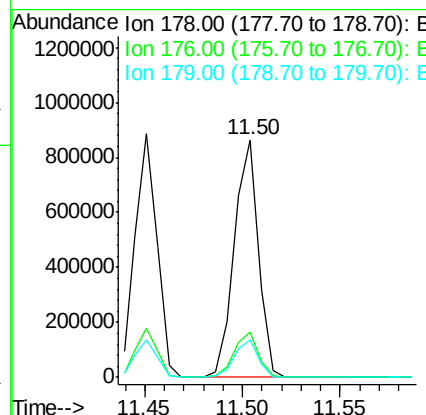
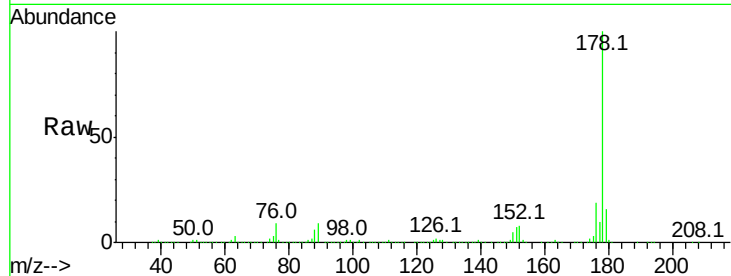
#71
 Anthracene
 Concen: 33.614 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	19.0

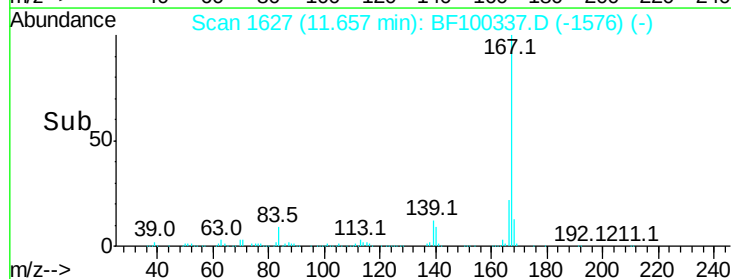
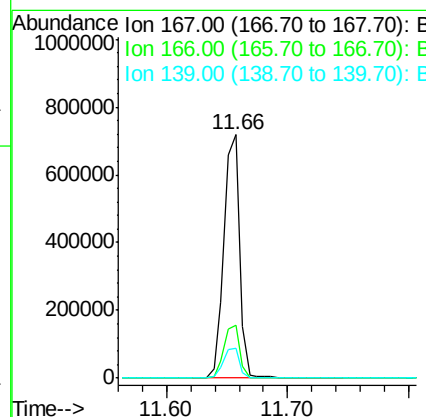
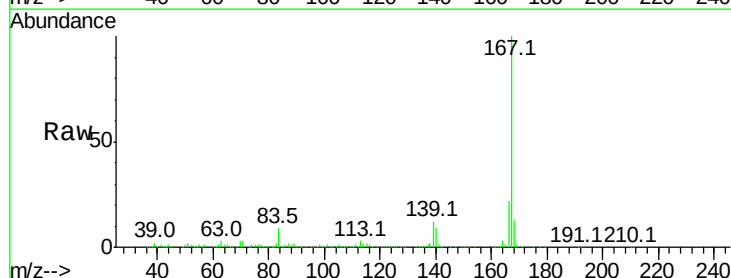
Manual Integrations
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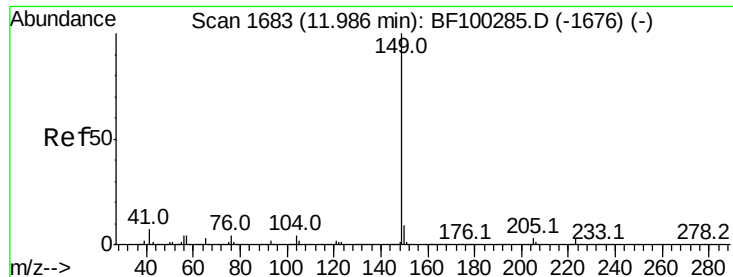
Sohil
 11/10/2017 1:14:53 PM



#72
 Carbazole
 Concen: 31.742 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 56.153 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

ClientSampleId :

P001-S001-0001-01MS

Tot Ion:149 Resp: 1334423

Ion Ratio Lower Upper

149 100

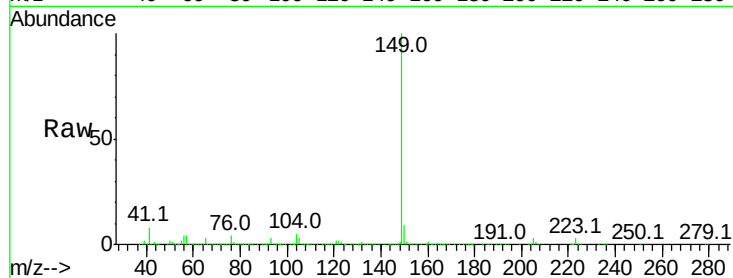
150 9.4 7.8 11.6

104 4.6 3.8 5.8

Manual Integrations
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Sohil

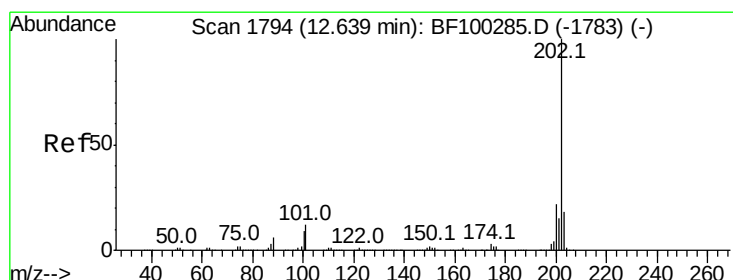
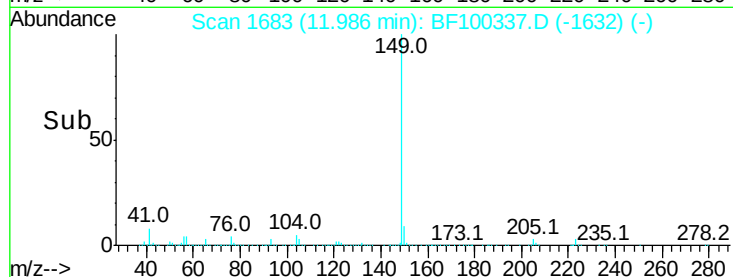
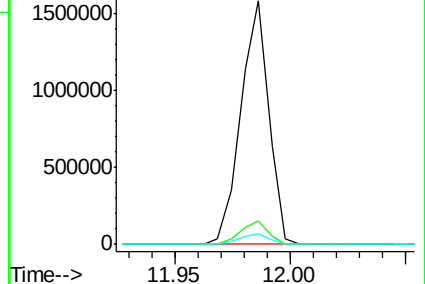
11/10/2017 1:14:53 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.809 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

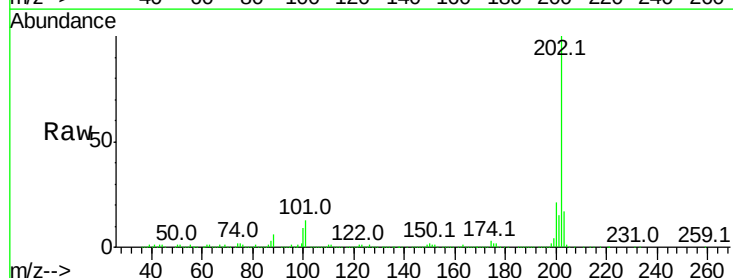
Tgt Ion:202 Resp: 777254

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

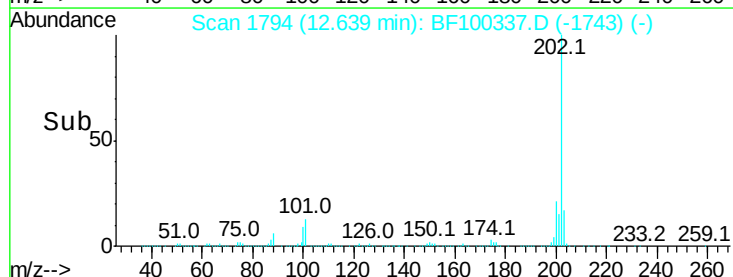
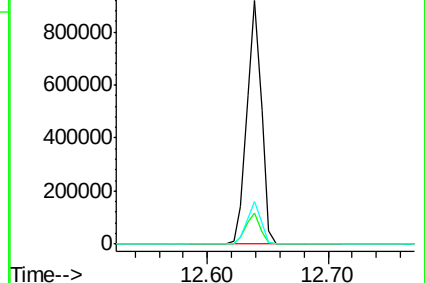
203 17.3 0.0 38.1

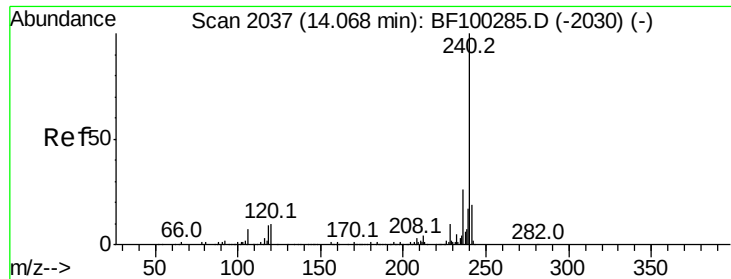


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

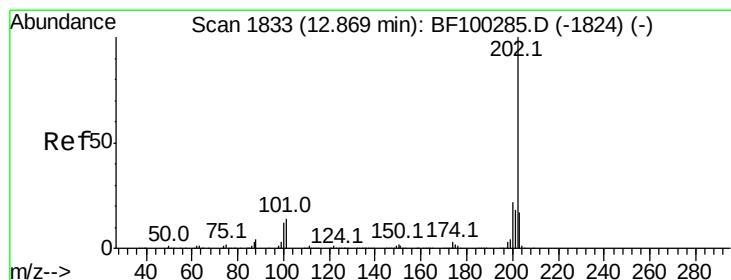
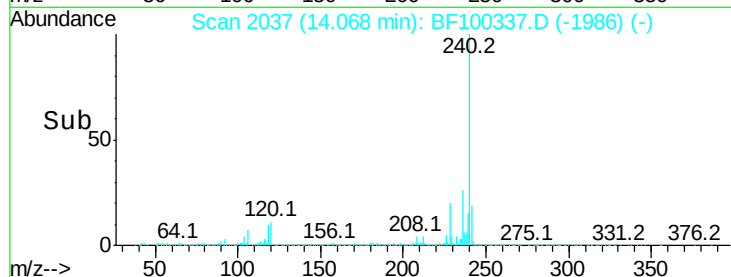
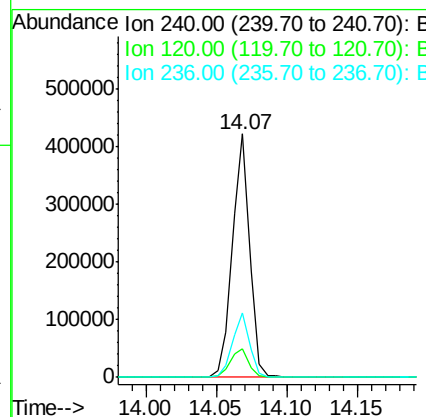
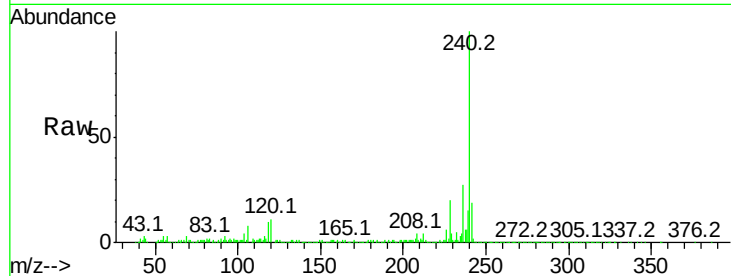
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	240	Resp:	356376
Ion Ratio	Lower	Upper	
240	100		
120	11.5	9.5	14.3
236	26.6	20.7	31.1

Manual Integrations
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Sohil
11/10/2017 1:14:53 PM



#77

Pyrene

Concen: 31.568 ng

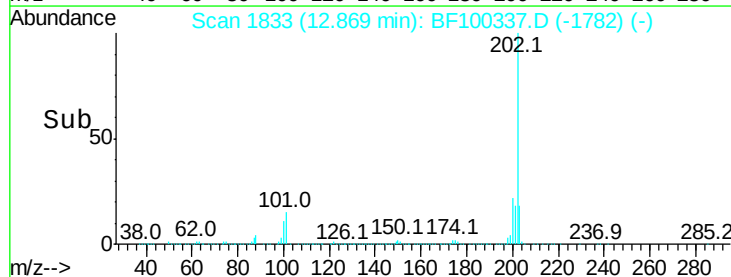
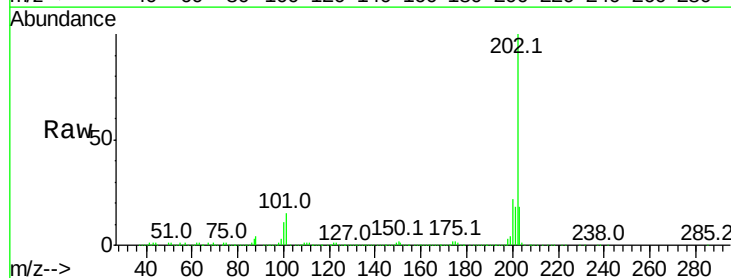
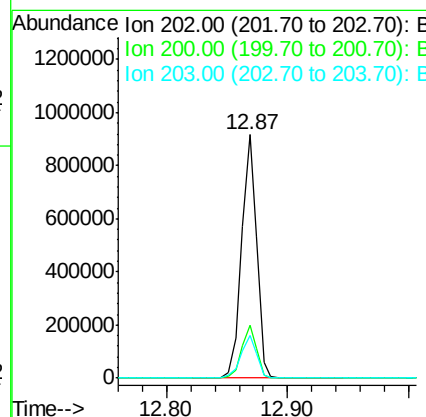
RT: 12.87 min Scan# 1833

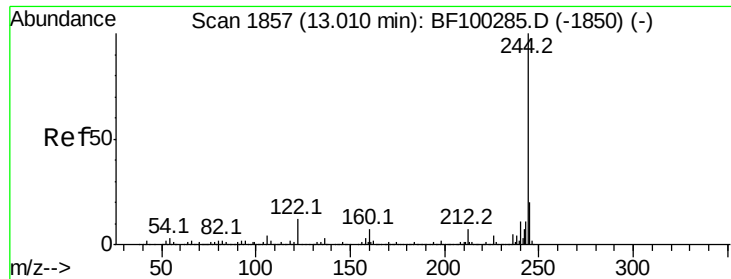
Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	202	Resp:	801953
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5





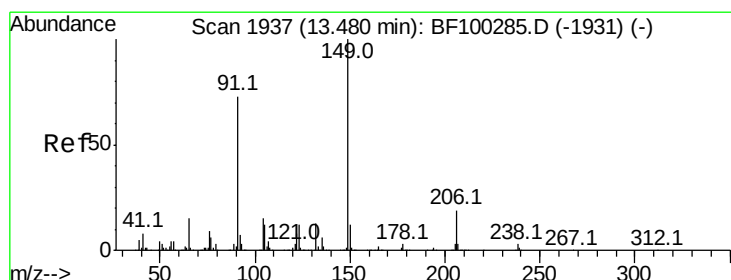
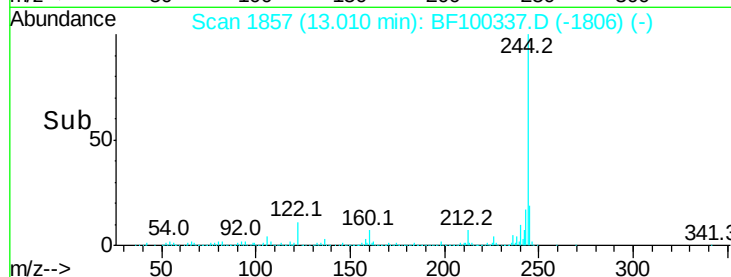
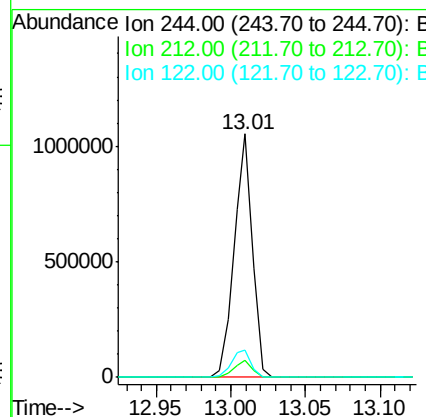
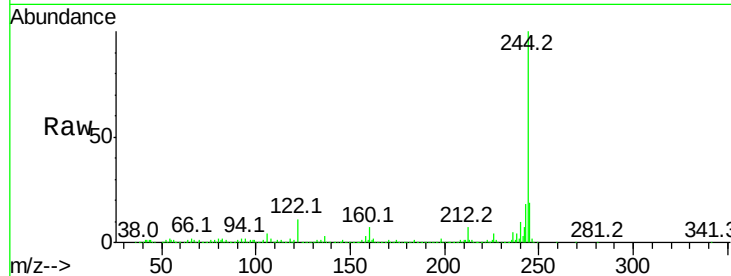
#78
 Terphenyl-d14
 Concen: 58.767 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Instrument :
 BNA_F
 ClientSampleId :
 P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.1	11.0	16.4

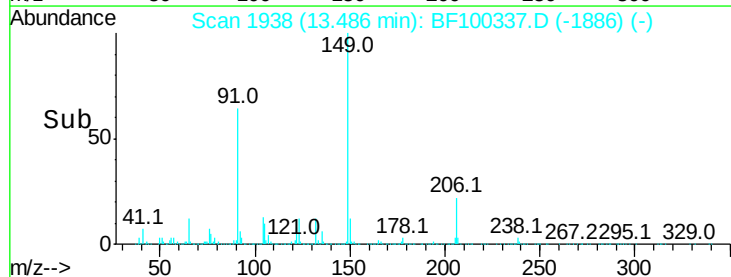
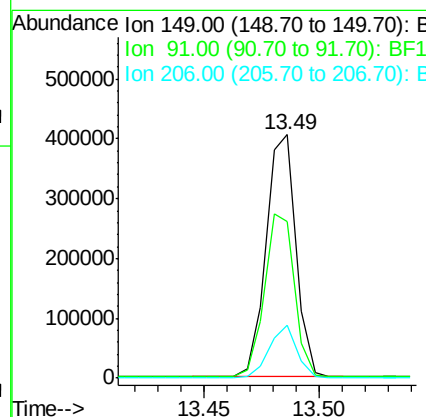
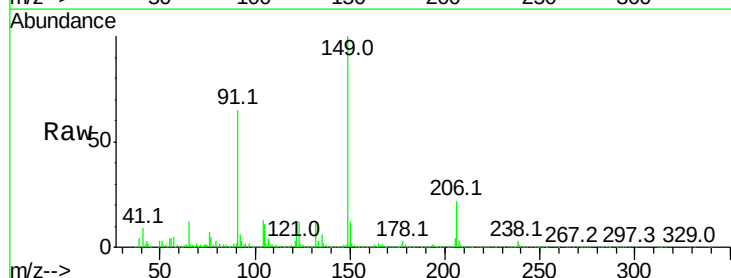
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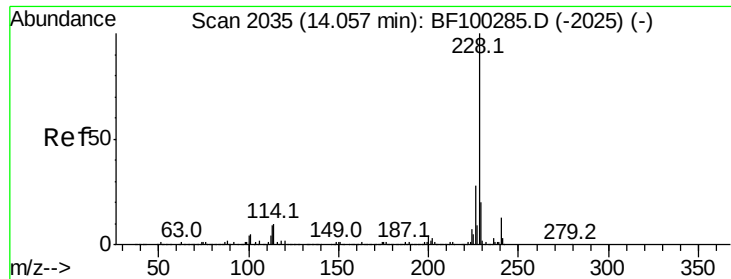
Sohil
 11/10/2017 1:14:53 PM



#79
 Butylbenzylphthalate
 Concen: 35.250 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: BF100337.D
 Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.5	56.8	85.2
206	21.6	14.1	21.1#





#80

Benzo(a)anthracene

Concen: 32.623 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

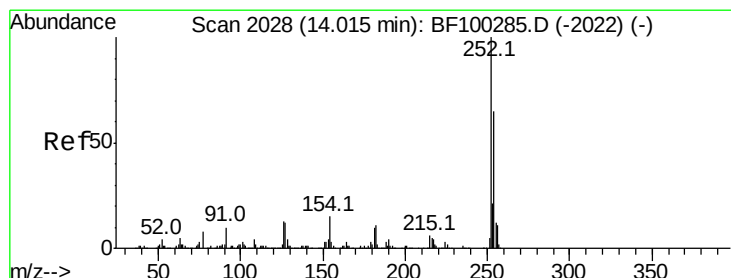
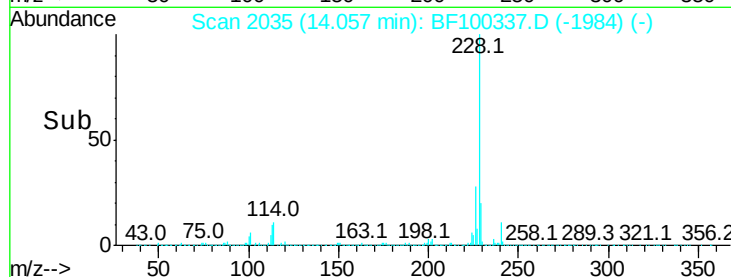
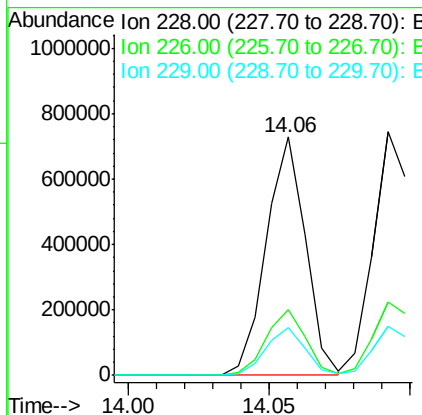
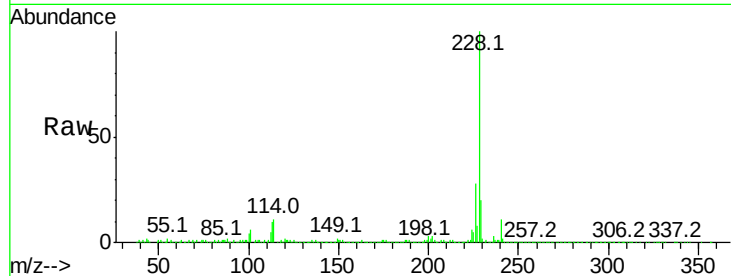
ClientSampleId :

P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	15.8	23.6

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#81

3,3'-Dichlorobenzidine

Concen: 10.729 ng

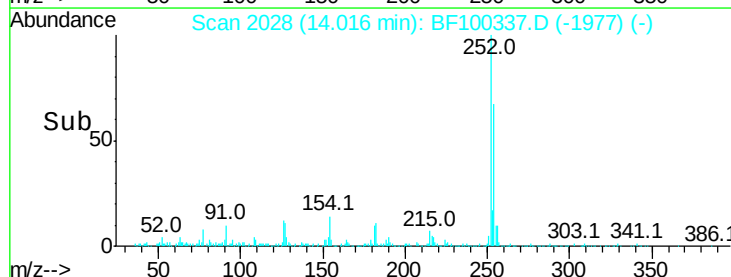
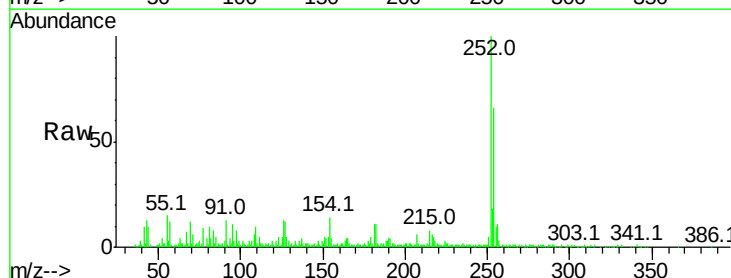
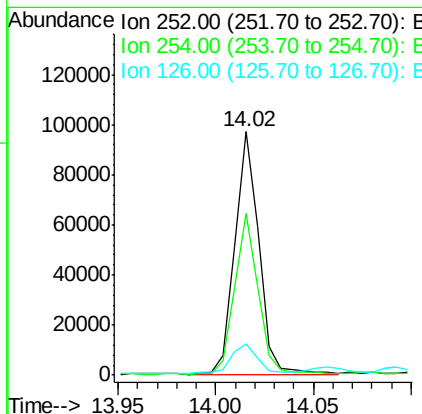
RT: 14.02 min Scan# 2028

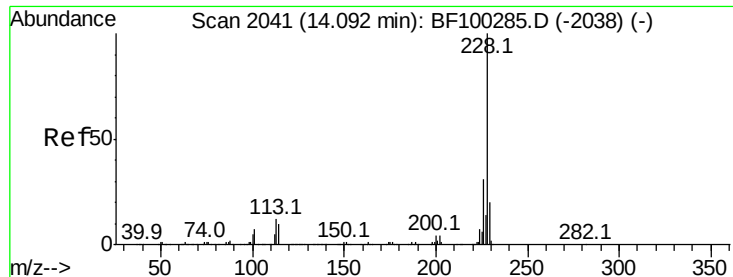
Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	50.4	75.6
126	12.7	11.3	16.9





#82

Chrysene

Concen: 32.628 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Instrument :

BNA_F

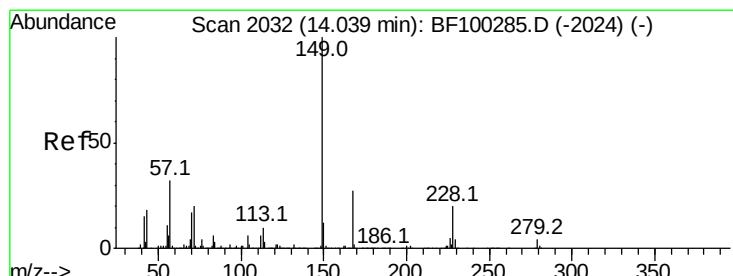
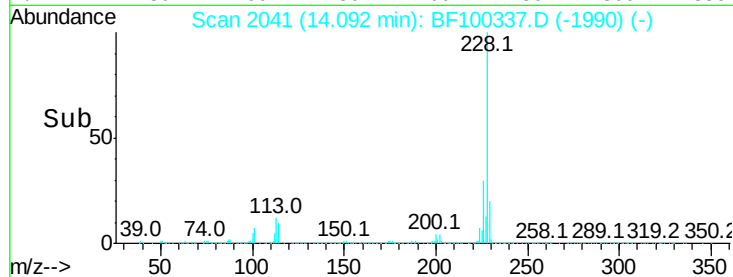
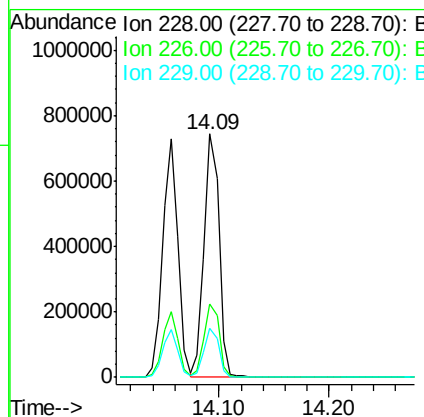
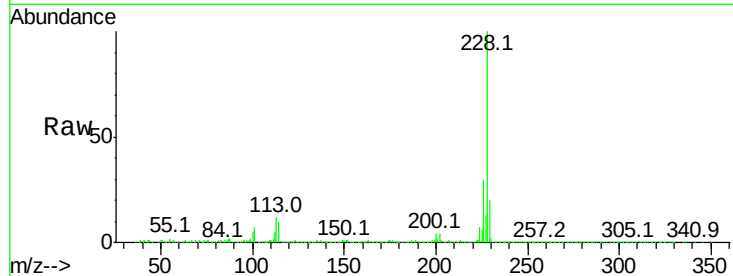
ClientSampleId :

P001-S001-0001-01MS

Tot Ion:	228	Resp:	678067
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	20.0	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 36.873 ng

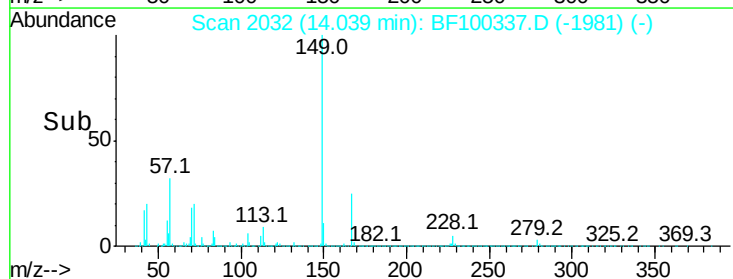
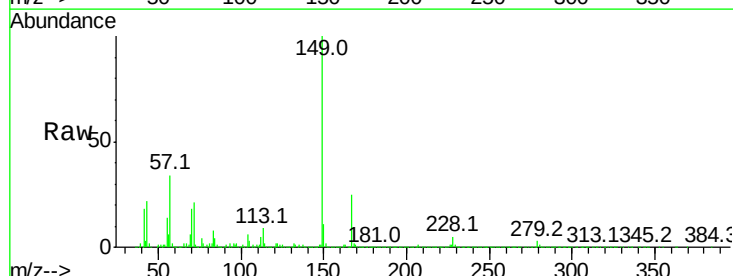
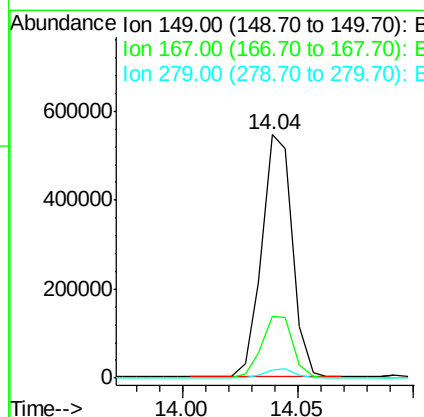
RT: 14.04 min Scan# 2032

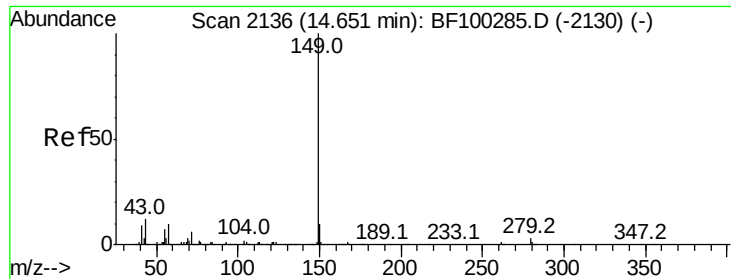
Delta R.T. 0.00 min

Lab File: BF100337.D

Acq: 9 Nov 2017 13:02

Tgt Ion:	149	Resp:	502435
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.3	31.9
279	3.1	3.0	4.4





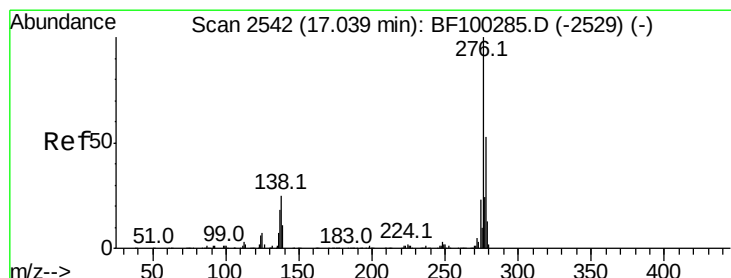
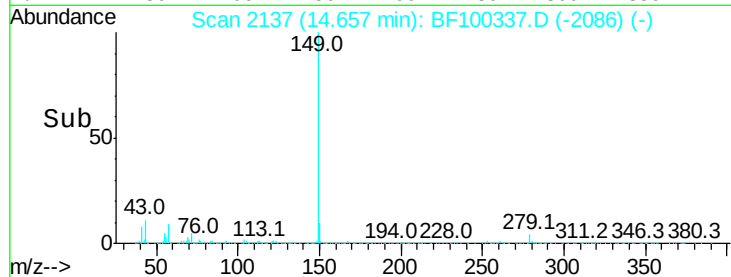
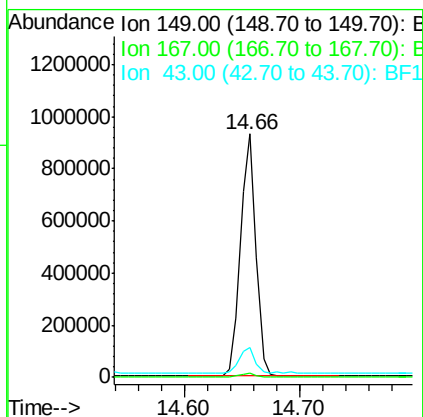
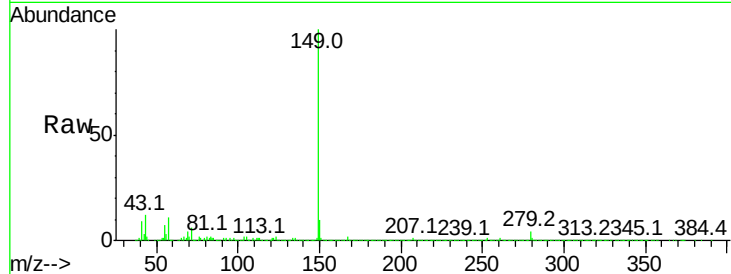
#84
Di-n-octyl phthalate
Concen: 36.641 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.9	8.4	12.6	

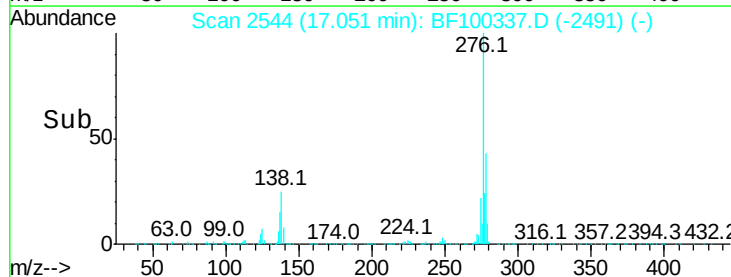
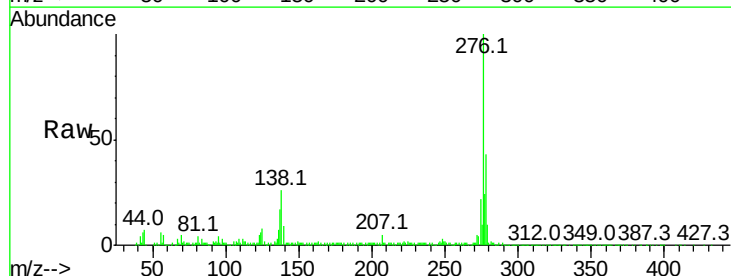
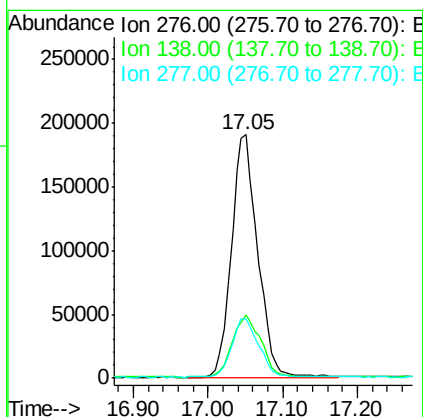
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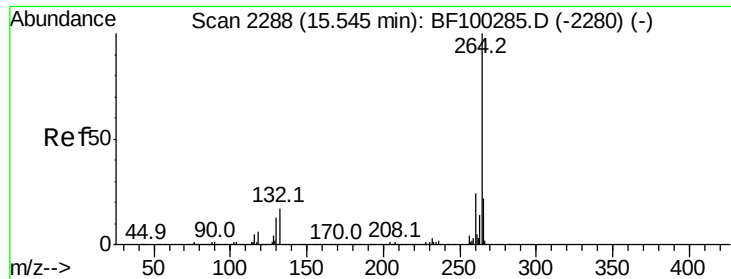
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#85
Indeno(1,2,3-cd)pyrene
Concen: 27.627 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	28.6	25.0	37.6	
277	24.9	20.1	30.1	





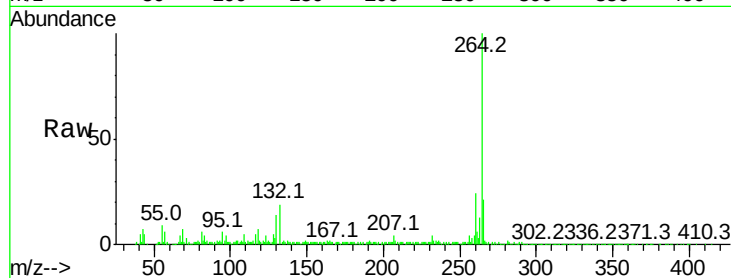
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3

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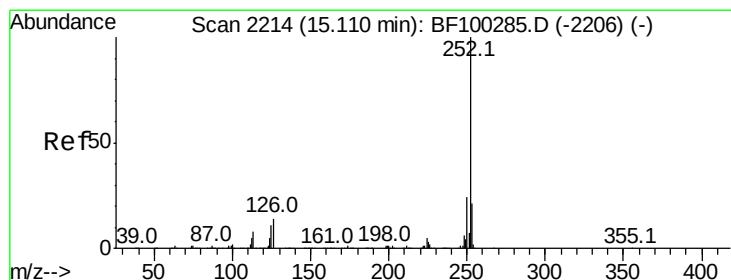
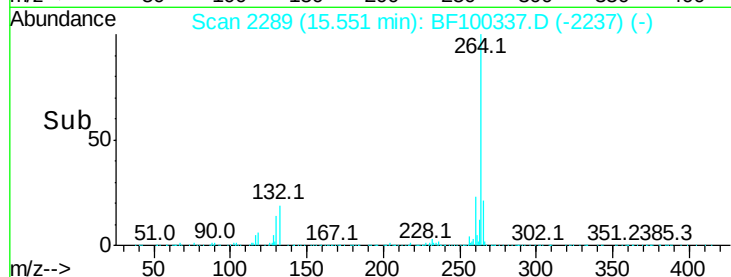
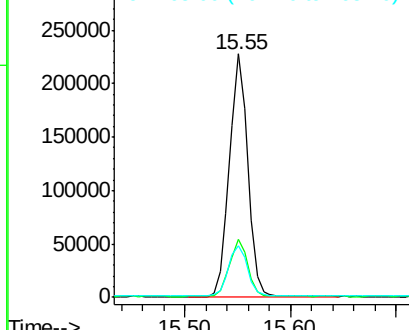


Abundance

Ion 264.00 (263.70 to 264.70): E

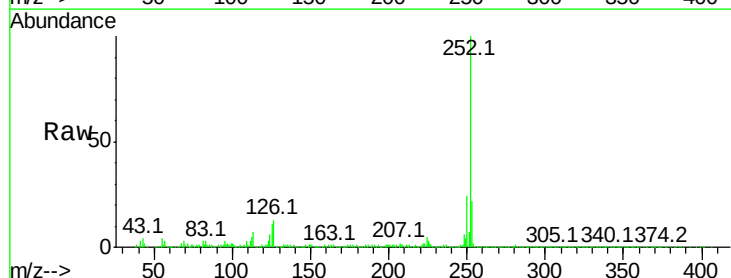
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 33.561 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.8	9.0	13.6

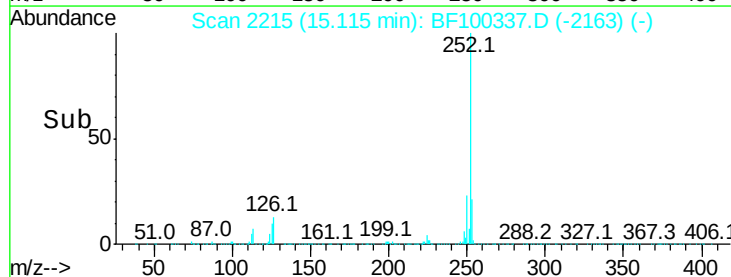
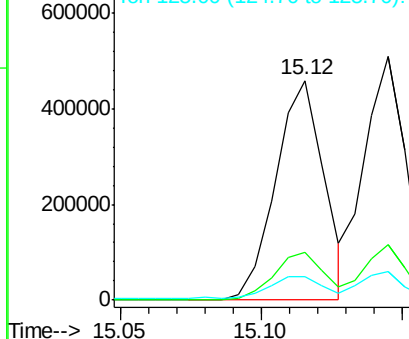


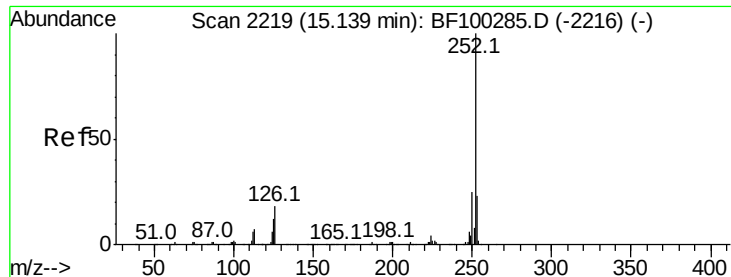
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





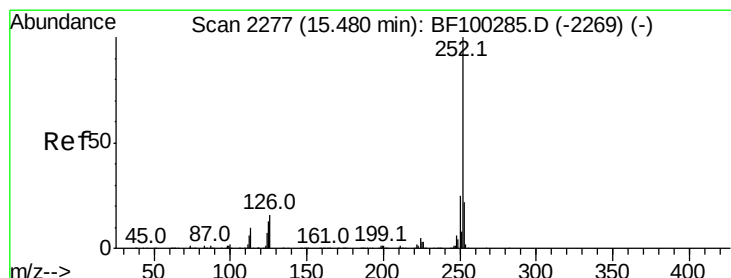
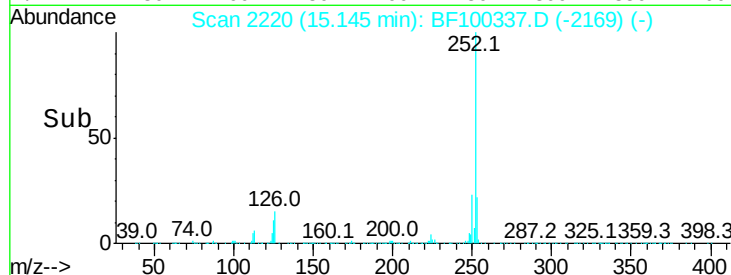
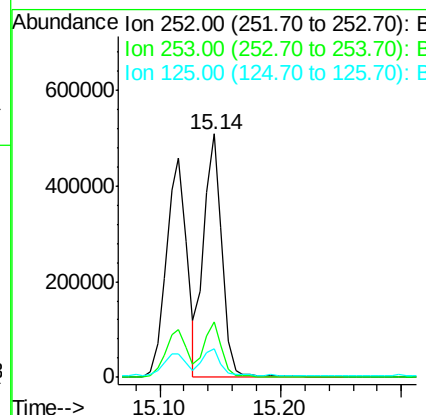
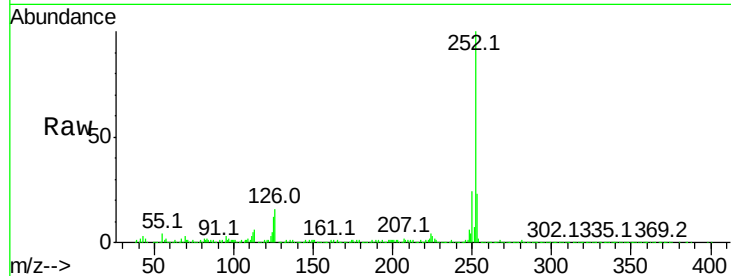
#88
Benzo(k)fluoranthene
Concen: 34.534 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.6	10.2	15.2

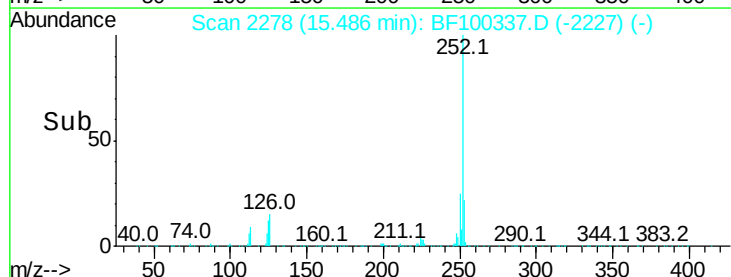
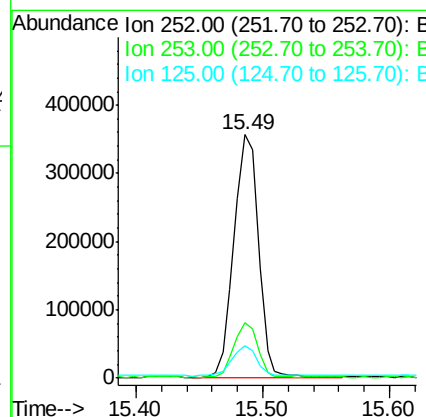
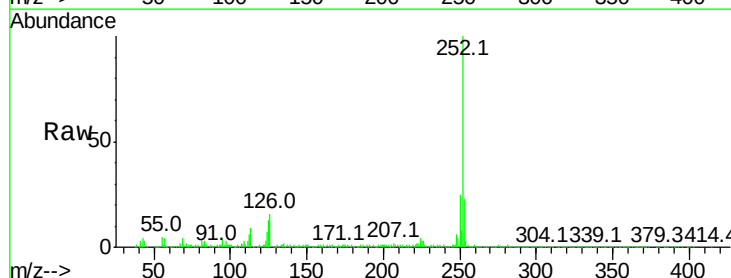
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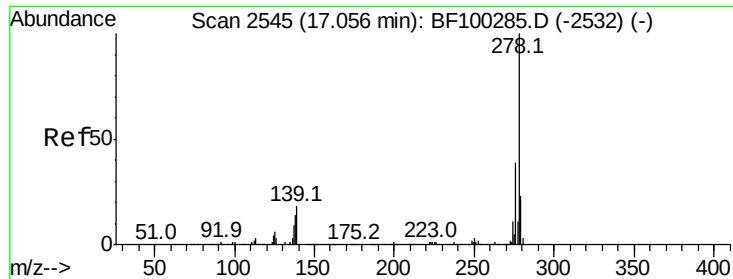
Sohil
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#89
Benzo(a)pyrene
Concen: 33.365 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.2	9.8	14.6





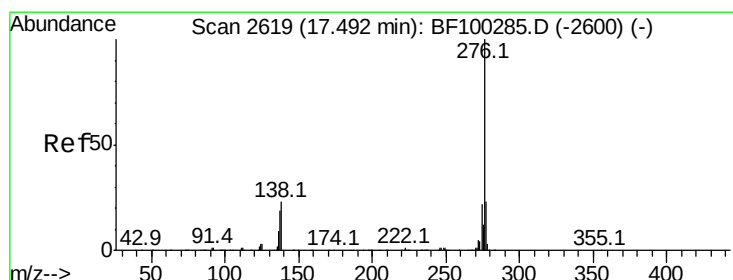
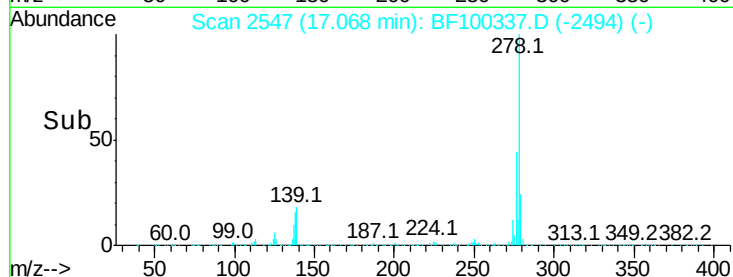
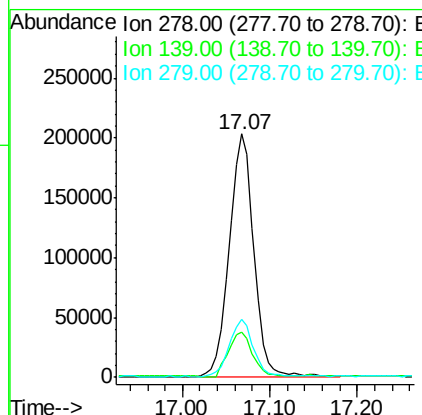
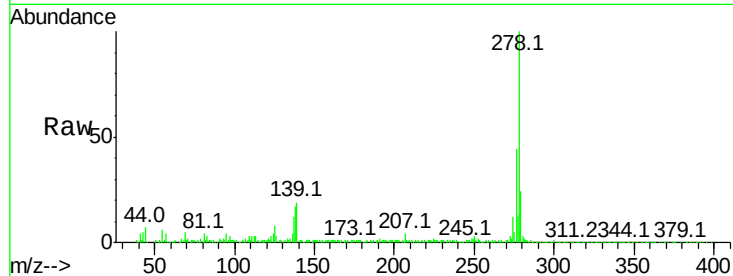
#90
Dibenzo(a,h)anthracene
Concen: 33.026 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.9	23.9
279	24.0	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 34.221 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BF100337.D
Acq: 9 Nov 2017 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	23.4	21.8	32.8

