

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100350.D
 Acq On : 9 Nov 2017 19:41
 Operator : SJ/JU
 Sample : PB104087BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BS

Manual Integrations
 APPROVED

Sohil
 11/10/2017 1:15:09 PM

Quant Time: Nov 10 00:59:42 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	163768	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	684068	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	334127	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	653053	20.00	ng	0.00
75) Chrysene-d12	14.07	240	446944	20.00	ng	0.00
86) Perylene-d12	15.54	264	367931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1192594	116.73	ng	0.02
7) Phenol-d6	6.53	99	1482960	117.71	ng	0.01
23) Nitrobenzene-d5	7.47	82	952804	92.09	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	415506	122.04	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1787453	81.46	ng	0.00
78) Terphenyl-d14	13.02	244	1660797	85.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	210863	42.352	ng	94
3) Pyridine	3.57	79	618881	45.562	ng	94
4) n-Nitrosodimethylamine	3.53	42	307232	46.586	ng	94
6) Aniline	6.57	93	358555	20.146	ng	100
8) 2-Chlorophenol	6.69	128	528912	48.937	ng	99
9) Benzaldehyde	6.46	77	329729	36.649	ng	98
10) Phenol	6.55	94	638354m	48.267	ng	
11) bis(2-Chloroethyl)ether	6.64	93	524420	47.208	ng	95
12) 1,3-Dichlorobenzene	6.85	146	586927	47.102	ng	99
13) 1,4-Dichlorobenzene	6.92	146	586646	46.516	ng	98
14) 1,2-Dichlorobenzene	7.07	146	544899	46.729	ng	98
15) Benzyl Alcohol	7.05	79	484565	49.283	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	973264	54.778	ng	98
17) 2-Methylphenol	7.15	107	474781	51.405	ng	99
18) Hexachloroethane	7.42	117	208472	50.134	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	382991	43.836	ng	92
20) 3+4-Methylphenols	7.30	107	558631	47.797	ng	# 87
22) Acetophenone	7.32	105	707603	42.420	ng	# 96
24) Nitrobenzene	7.49	77	581474	54.601	ng	99
25) Isophorone	7.73	82	1108316	50.973	ng	100
26) 2-Nitrophenol	7.80	139	304981	59.614	ng	97
27) 2,4-Dimethylphenol	7.83	122	540719	55.475	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	685006	48.163	ng	99
29) 2,4-Dichlorophenol	8.04	162	500518	53.791	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	485732	48.259	ng	96
31) Naphthalene	8.21	128	1536823	46.643	ng	99
32) Benzoic acid	7.96	122	395231	51.986	ng	99
33) 4-Chloroaniline	8.25	127	98299	7.167	ng	96
34) Hexachlorobutadiene	8.32	225	281884	47.103	ng	97
35) Caprolactam	8.64	113	160545m	50.276	ng	
36) 4-Chloro-3-methylphenol	8.73	107	512853	51.318	ng	99
37) 2-Methylnaphthalene	8.90	142	1064760	48.676	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	462069	41.698	ng	99
40) Hexachlorocyclopentadiene	9.05	237	574344	110.124	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	377379	53.733	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	369096	50.724	ng	92
45) 1,1'-Biphenyl	9.36	154	1260273	43.610	ng	99
46) 2-Chloronaphthalene	9.39	162	995091	47.465	ng	96
47) 2-Nitroaniline	9.49	65	339891	54.469	ng	98
48) Acenaphthylene	9.81	152	1571116	45.220	ng	100
49) Dimethylphthalate	9.67	163	1208672	47.378	ng	99
50) 2,6-Dinitrotoluene	9.73	165	274513	54.362	ng	98
51) Acenaphthene	9.98	154	1059432	50.138	ng	100
52) 3-Nitroaniline	9.89	138	91512	15.347	ng	94
53) 2,4-Dinitrophenol	10.00	184	281821	108.595	ng	# 14
54) Dibenzofuran	10.15	168	1383543	46.717	ng	99
55) 4-Nitrophenol	10.06	139	475582	98.223	ng	97
56) 2,4-Dinitrotoluene	10.13	165	371909	58.380	ng	94
57) Fluorene	10.49	166	1022772	47.142	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	318332	53.379	ng	# 88
59) Diethylphthalate	10.36	149	1187706	46.523	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	494453	46.458	ng	96
61) 4-Nitroaniline	10.52	138	284674	50.347	ng	95
62) Azobenzene	10.65	77	1142903	47.532	ng	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	185915	54.886	ng	78
65) n-Nitrosodiphenylamine	10.60	169	1009170	44.443	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	341153	48.732	ng	# 87
67) Hexachlorobenzene	11.04	284	349254	47.700	ng	# 90
68) Atrazine	11.13	200	337123	49.046	ng	97
69) Pentachlorophenol	11.23	266	408056	77.723	ng	98
70) Phenanthrene	11.46	178	1559115	45.344	ng	99
71) Anthracene	11.51	178	1601631	45.912	ng	99
72) Carbazole	11.66	167	1443793	44.855	ng	99
73) Di-n-butylphthalate	11.99	149	1786370	47.424	ng	100
74) Fluoranthene	12.64	202	1627906	44.673	ng	98
76) Benzidine	12.76	184	516424	28.852	ng	99
77) Pyrene	12.87	202	1668533	52.371	ng	100
79) Butylbenzylphthalate	13.49	149	737922	56.794	ng	98
80) Benzo(a)anthracene	14.06	228	1293148	48.046	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	154075	15.978	ng	99
82) Chrysene	14.10	228	1254737	48.142	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	958900	56.113	ng	98
84) Di-n-octyl phthalate	14.66	149	1474633	50.231	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	1087672	51.594	ng	96
87) Benzo(b)fluoranthene	15.12	252	1040991	47.756	ng	99
88) Benzo(k)fluoranthene	15.14	252	1009867	49.032	ng	99
89) Benzo(a)pyrene	15.49	252	968308	50.107	ng	100
90) Dibenzo(a,h)anthracene	17.07	278	887495	56.157	ng	98
91) Benzo(g,h,i)perylene	17.51	276	944733	61.068	ng	96

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

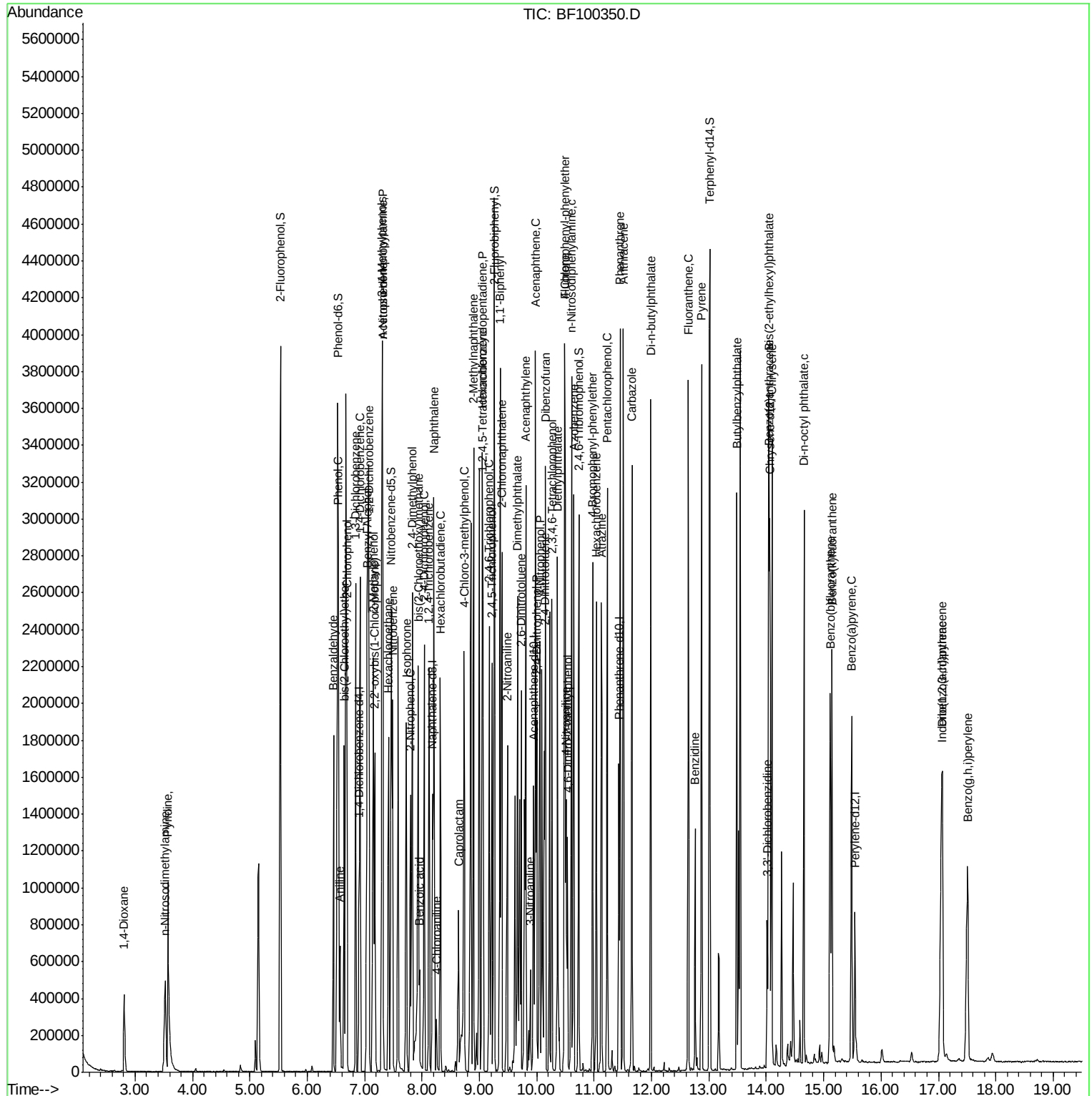
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
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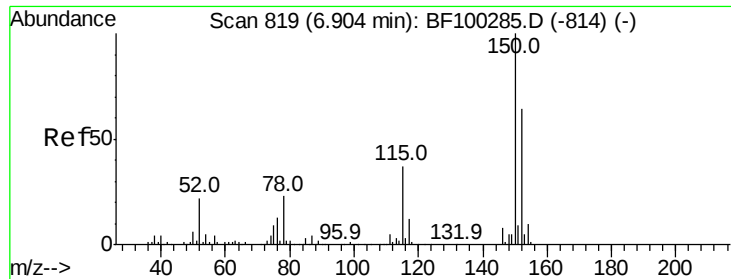
Instrument :
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ClientSampleId :
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#1

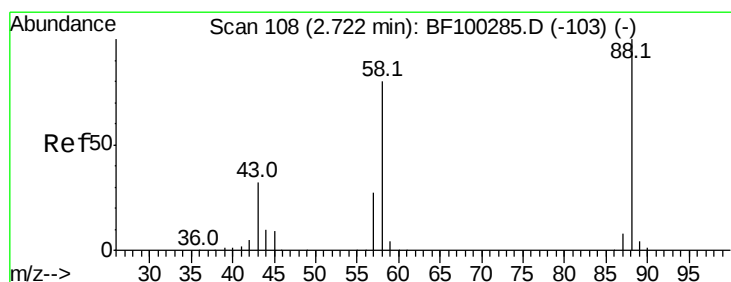
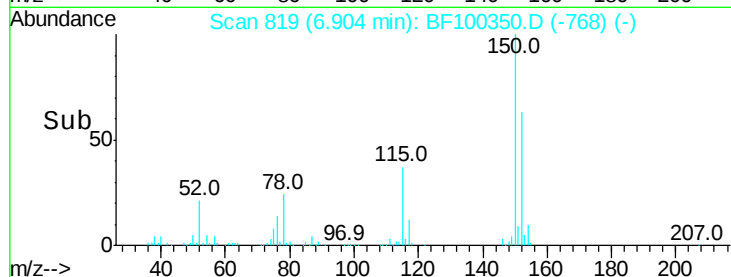
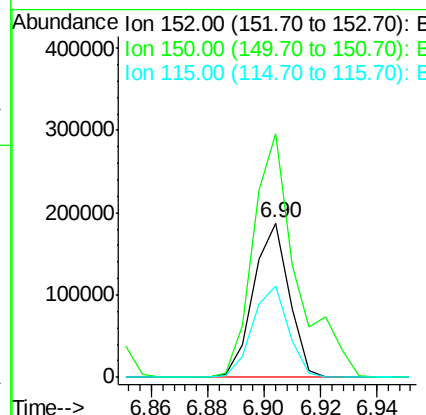
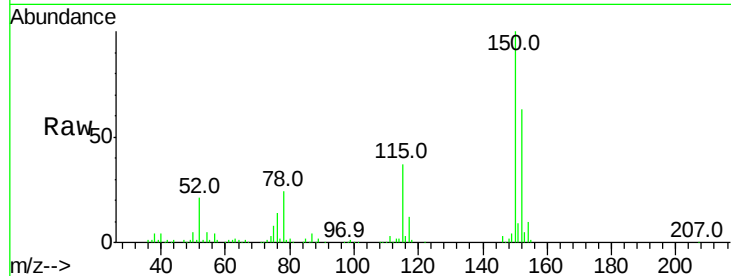
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	58.9	50.1	75.1

Manual Integrations
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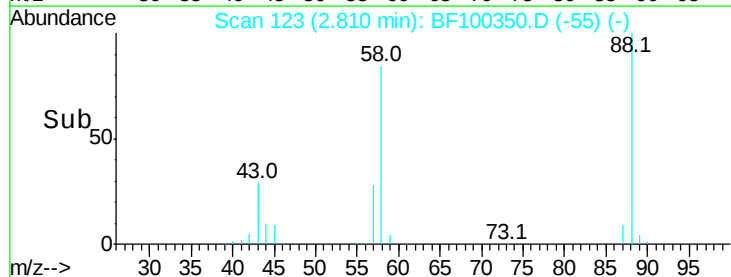
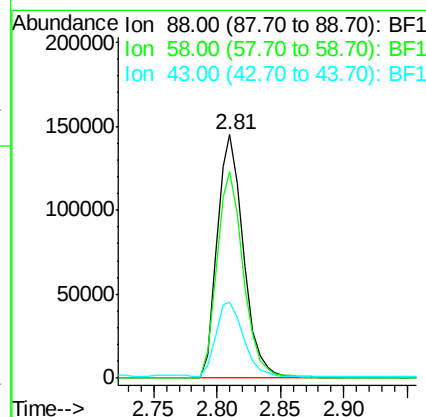
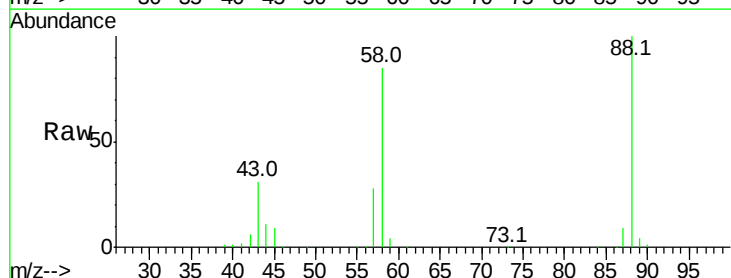
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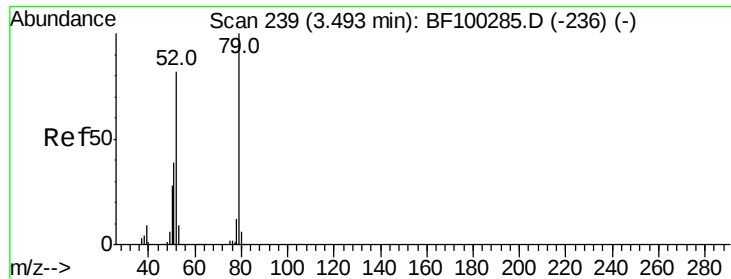


#2

1,4-Dioxane
Concen: 42.352 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.10 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.4	62.6	93.8
43	31.7	24.6	37.0





#3

Pvridine

Concen: 45.562 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.08 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

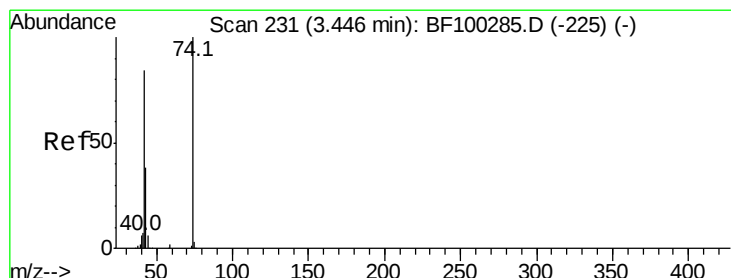
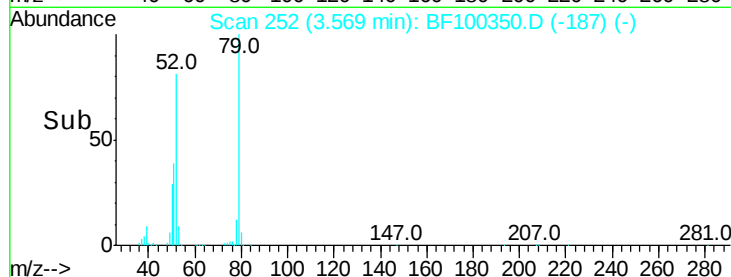
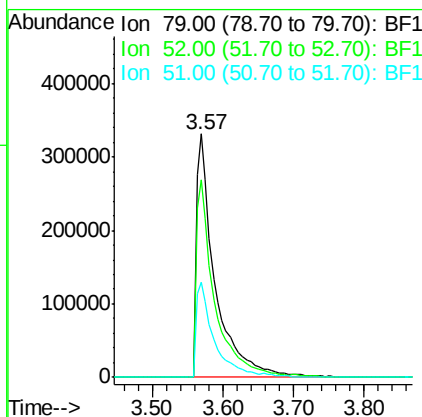
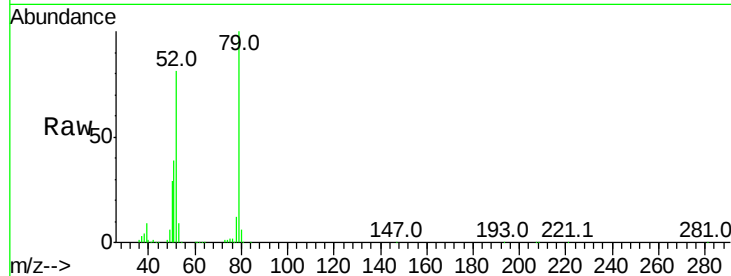
ClientSampleId :

PB104087BS

Tot Ion:	79	Resp:	618881
Ion Ratio	Lower	Upper	
79	100		
52	81.4	59.8	89.6
51	38.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 46.586 ng

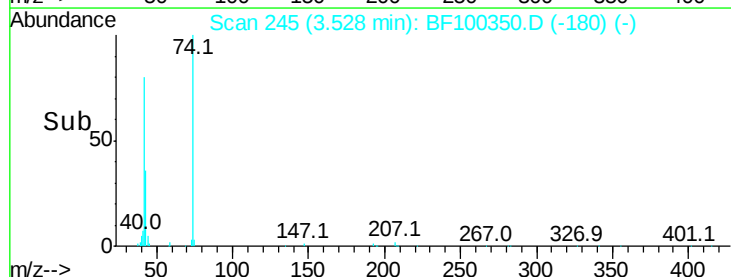
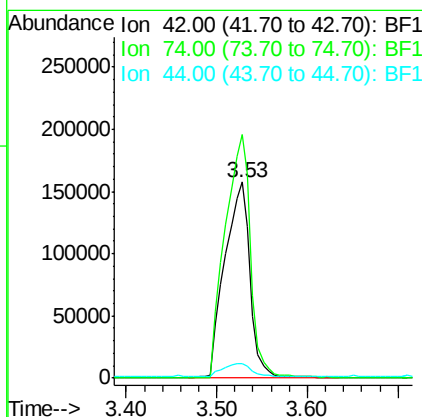
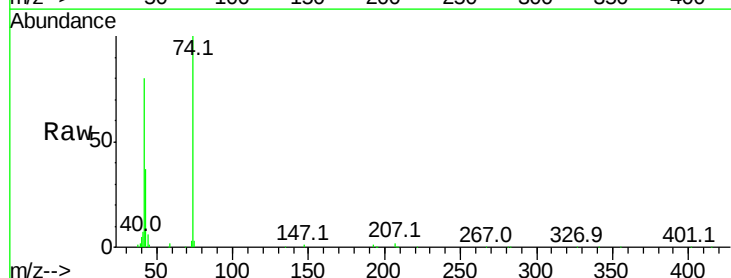
RT: 3.53 min Scan# 245

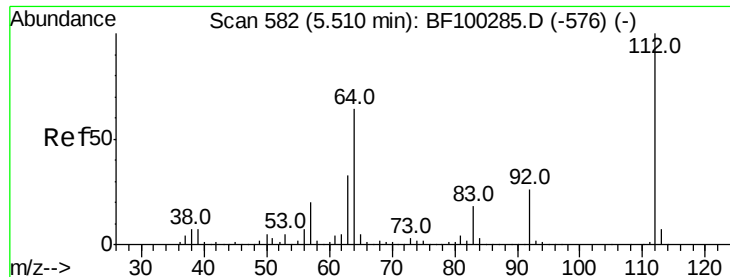
Delta R.T. 0.08 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion:	42	Resp:	307232
Ion Ratio	Lower	Upper	
42	100		
74	124.3	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 116.733 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

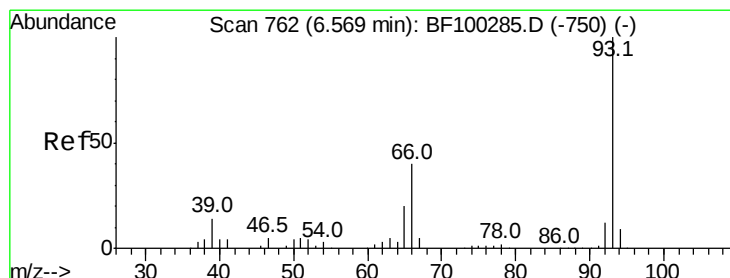
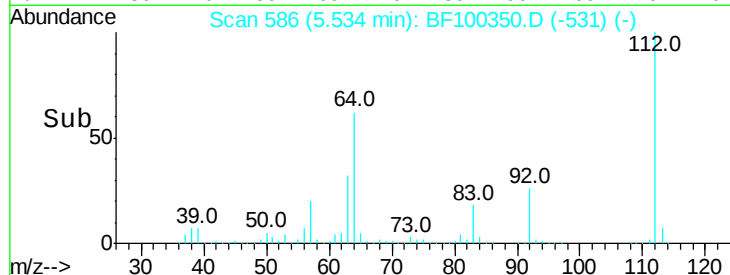
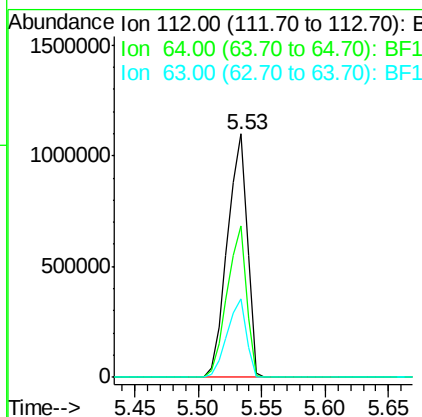
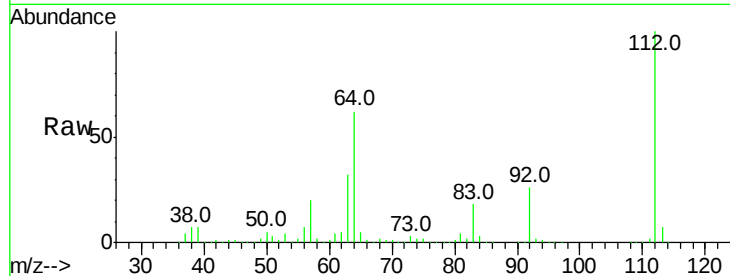
ClientSampleId :

PB104087BS

Tot Ion:	112	Resp:	1192594
Ion Ratio	Lower	Upper	
112	100		
64	62.0	47.9	71.9
63	32.4	23.7	35.5

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#6

Aniline

Concen: 20.146 ng

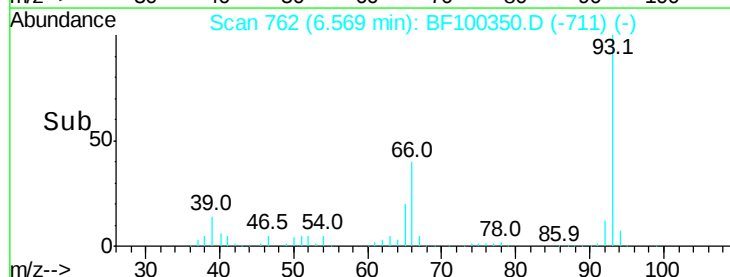
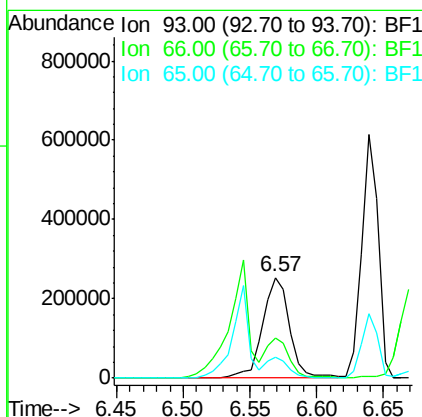
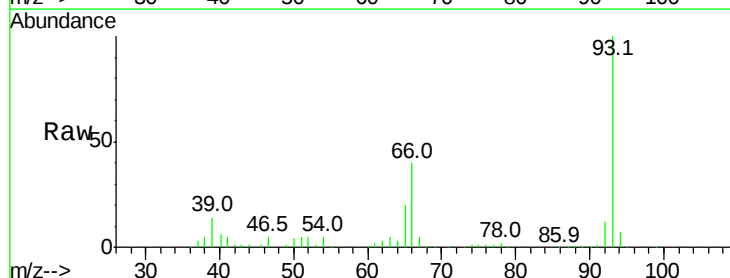
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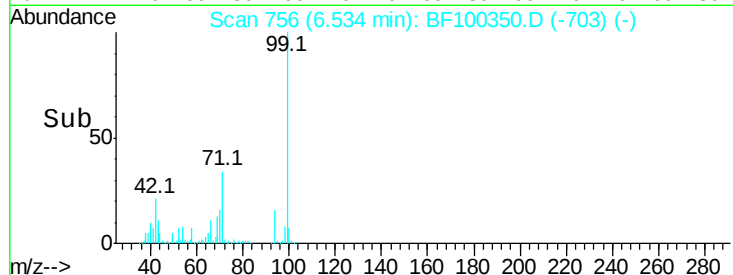
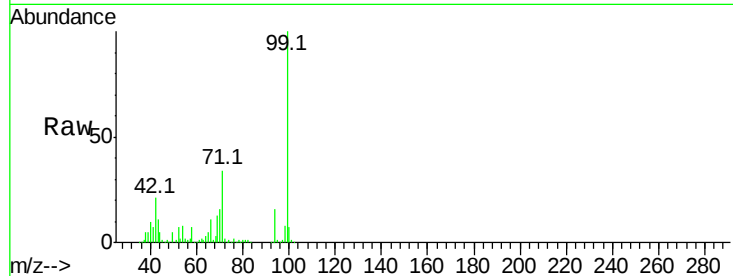
Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion:	93	Resp:	358555
Ion Ratio	Lower	Upper	
93	100		
66	39.9	32.2	48.2
65	20.3	16.4	24.6





#7

Phenol-d6

Concen: 117.712 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tot Ion:	99	Resp:	1482960
Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.6	25.4	38.0

Instrument :

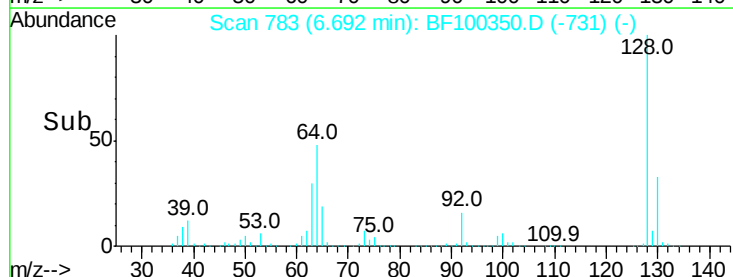
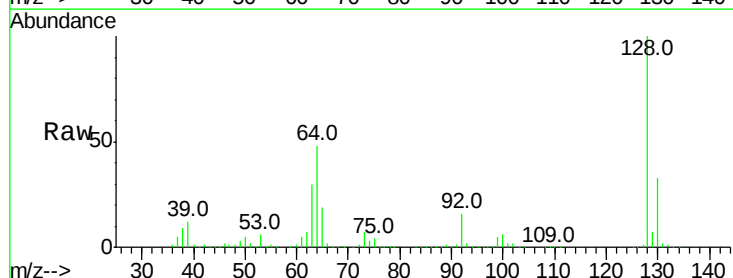
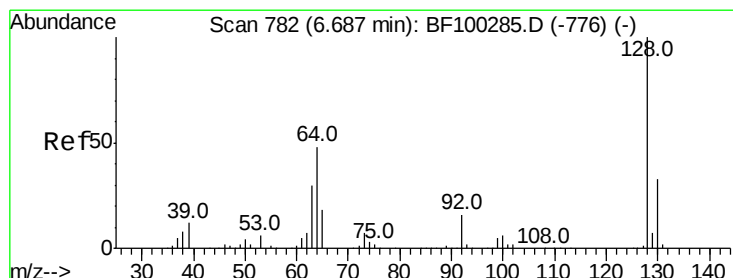
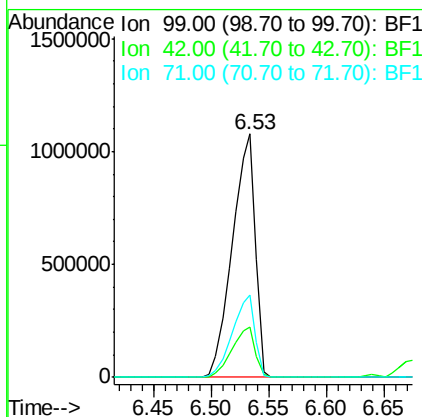
BNA_F

ClientSampleId :

PB104087BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.937 ng

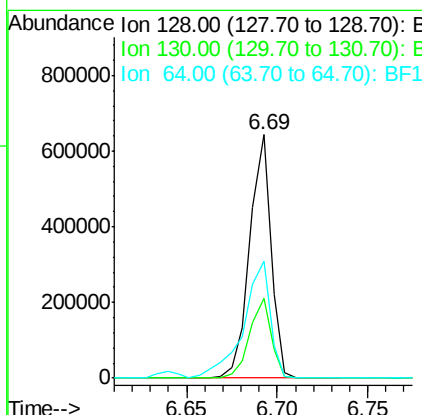
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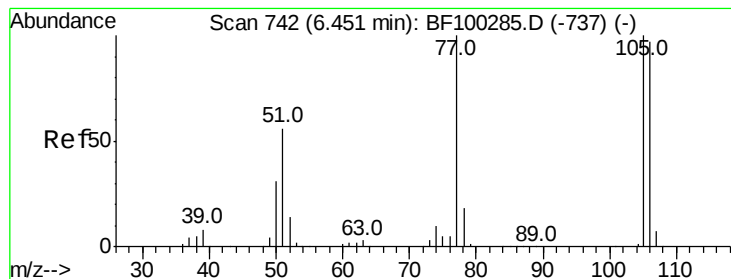
Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion:	128	Resp:	528912
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	48.2	29.4	69.4





#9

Benzaldehyde

Concen: 36.649 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleID :

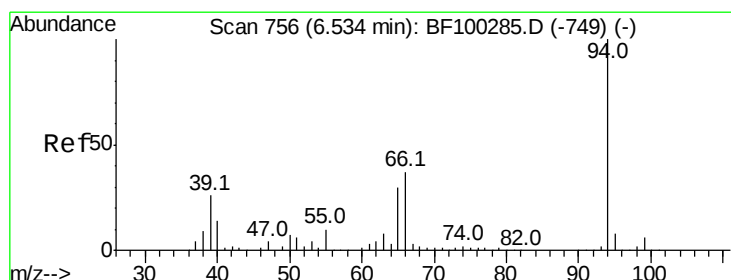
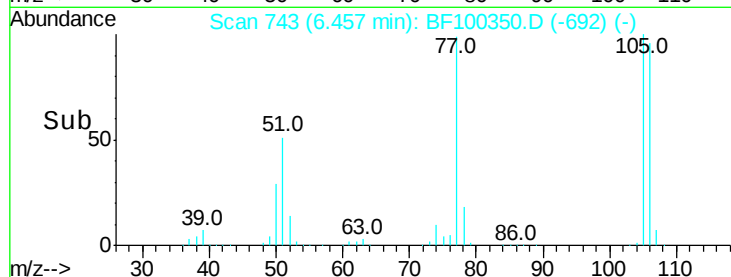
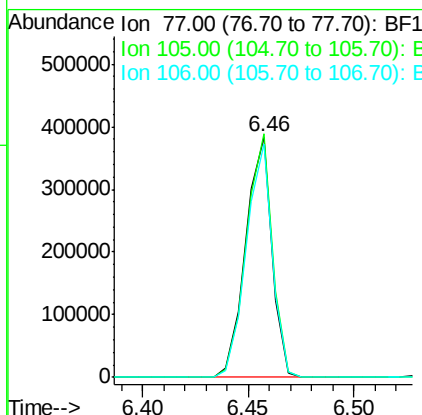
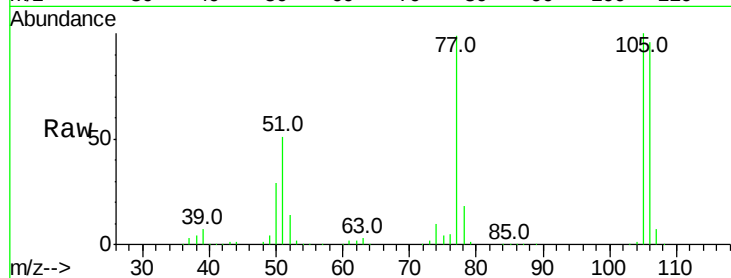
PB104087BS

Tot Ion: 77 Resp: 329729

Ion	Ratio	Lower	Upper
77	100		
105	101.4	81.1	121.1
106	97.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 48.267 ng m

RT: 6.55 min Scan# 758

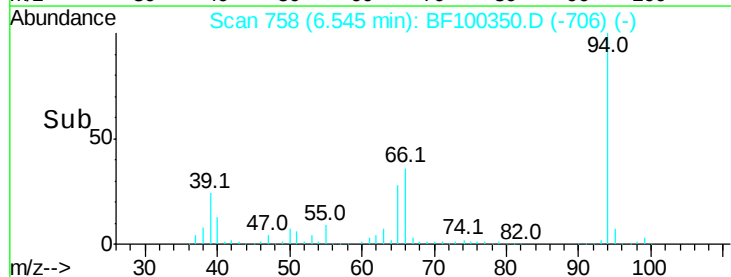
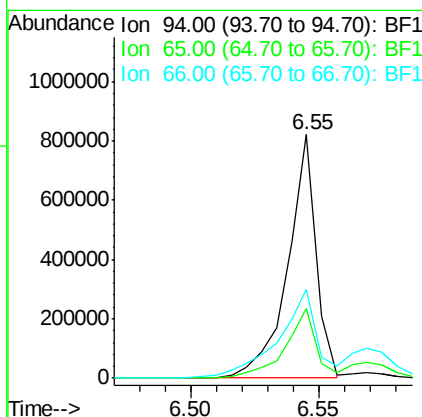
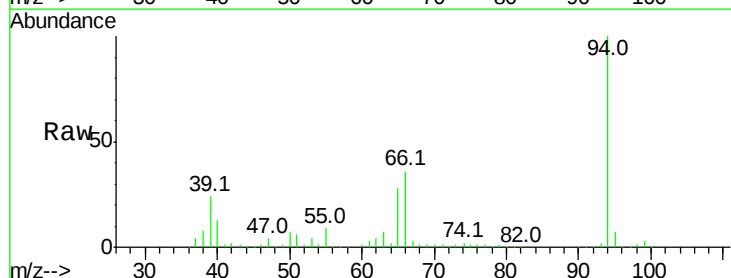
Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion: 94 Resp: 638354

Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	36.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 47.208 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

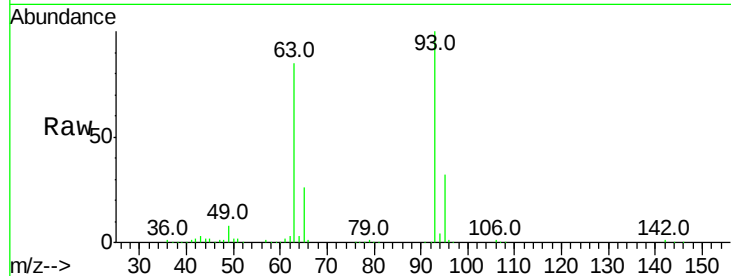
PB104087BS

Tot Ion: 93 Resp: 524420

Ion	Ratio	Lower	Upper
93	100		
63	84.8	58.6	98.6
95	32.2	11.8	51.8

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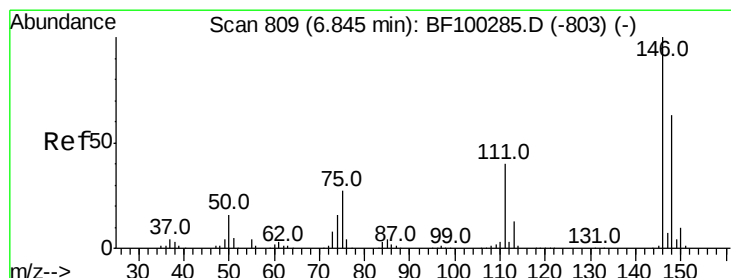
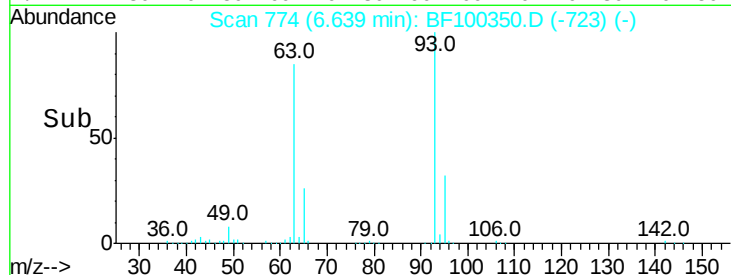
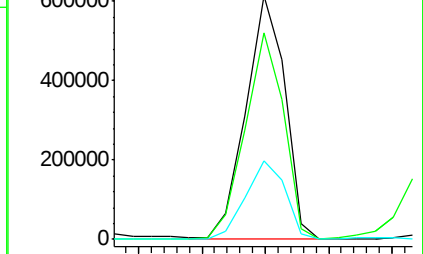
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Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 47.102 ng

RT: 6.85 min Scan# 809

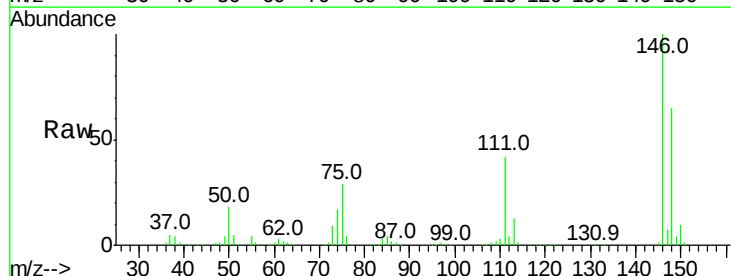
Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion: 146 Resp: 586927

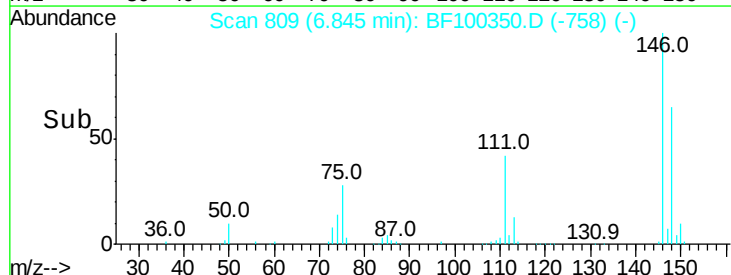
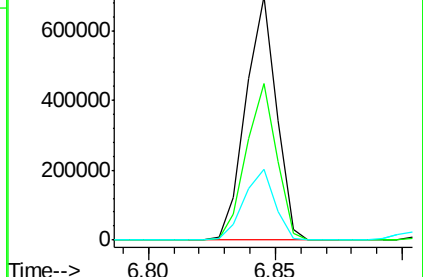
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	29.3	24.2	36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 46.516 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

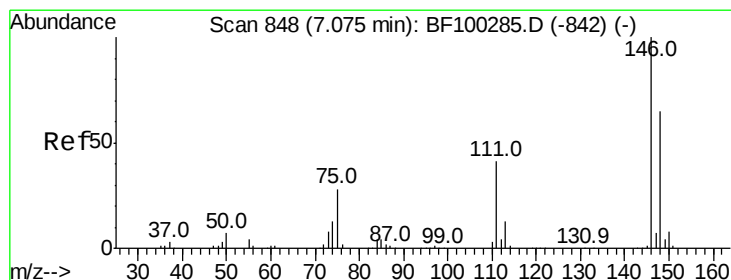
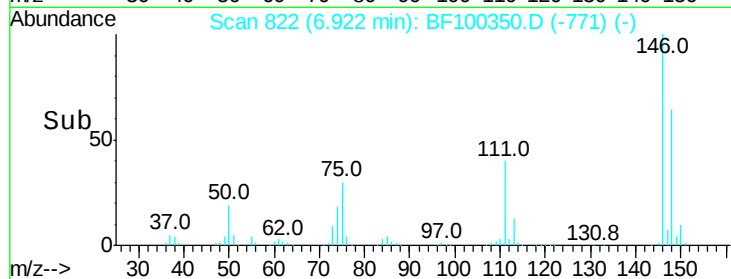
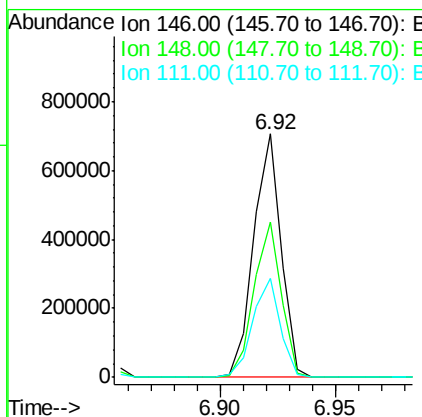
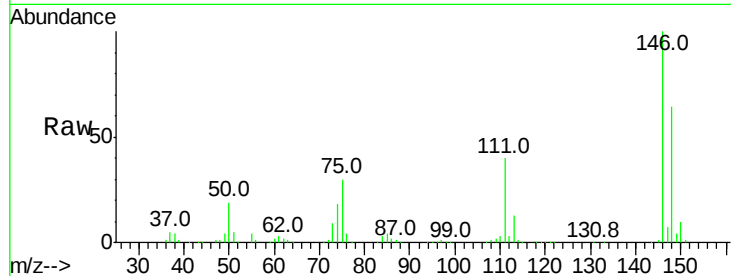
ClientSampleId :

PB104087BS

Tot Ion:	146	Resp:	586646
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	40.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 46.729 ng

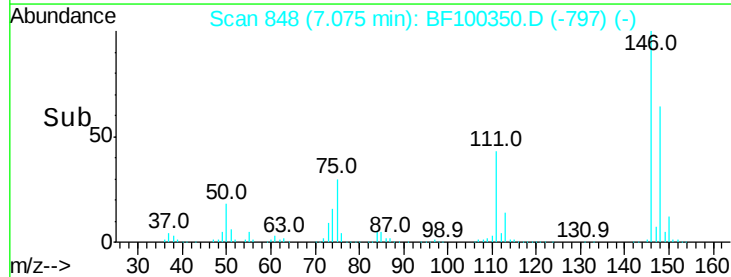
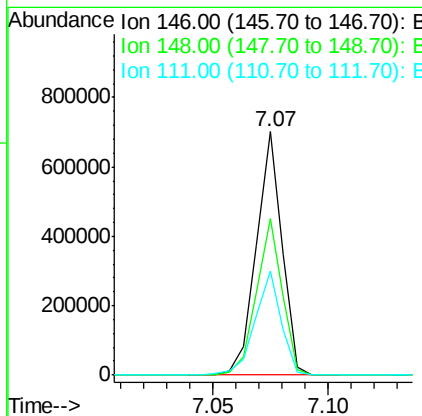
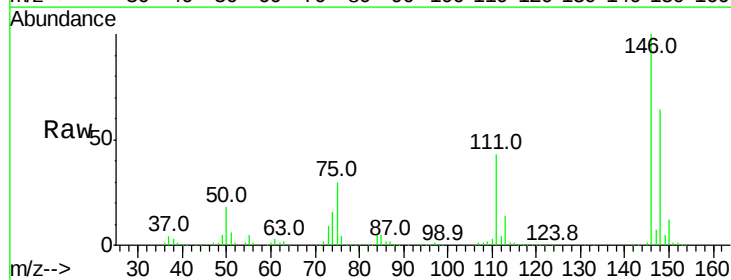
RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion:	146	Resp:	544899
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	75.8
111	42.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 49.283 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

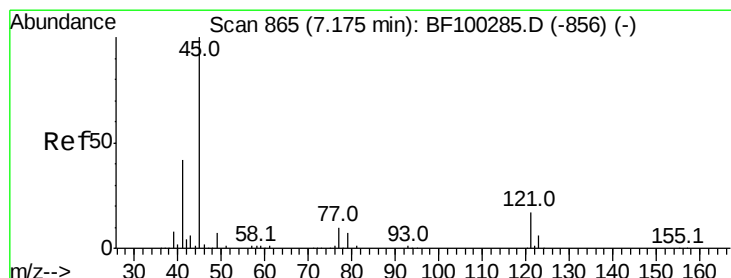
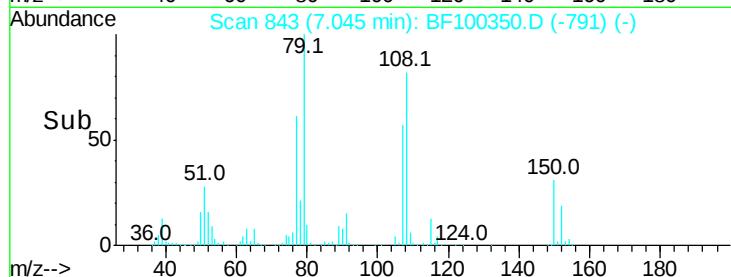
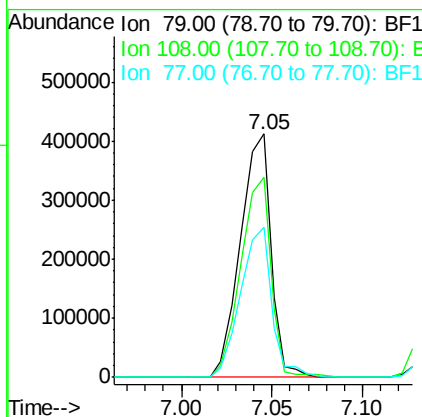
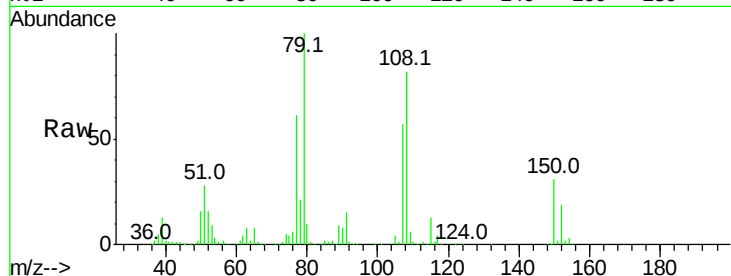
ClientSampled :

PB104087BS

Tot Ion:	79	Resp:	484565
Ion Ratio	Lower	Upper	
79	100		
108	82.0	65.1	97.7
77	61.5	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.778 ng

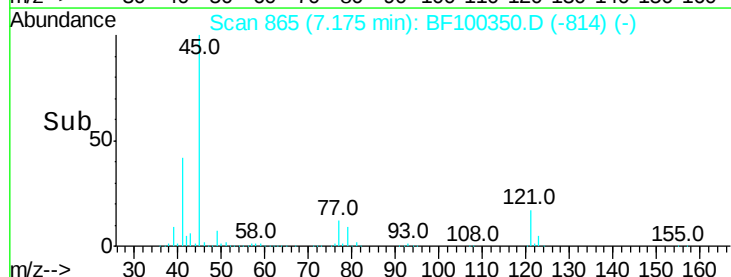
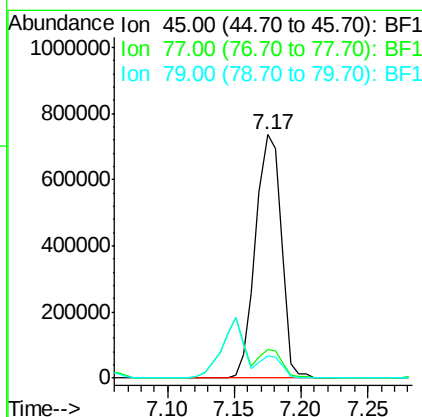
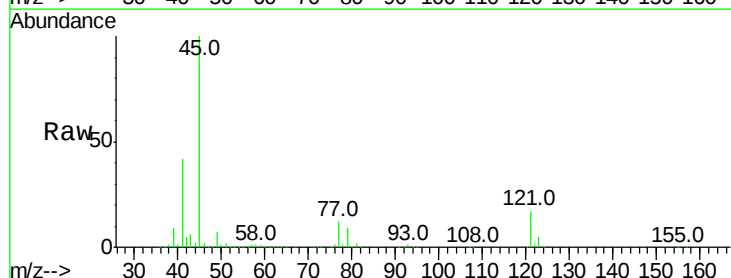
RT: 7.17 min Scan# 865

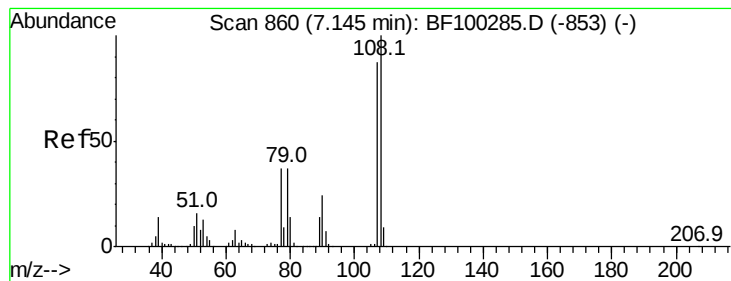
Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion:	45	Resp:	973264
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	32.9
79	9.0	0.0	29.6





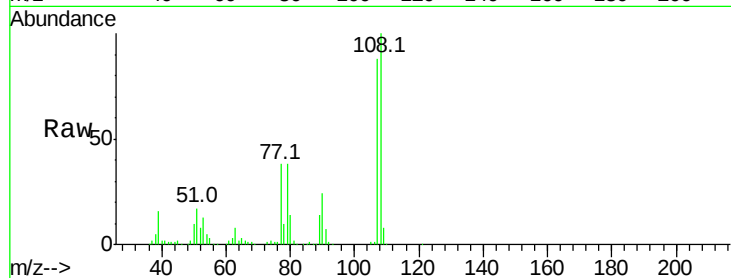
#17
2-Methylphenol
Concen: 51.405 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

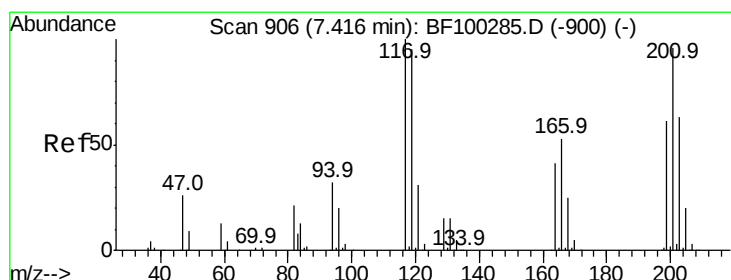
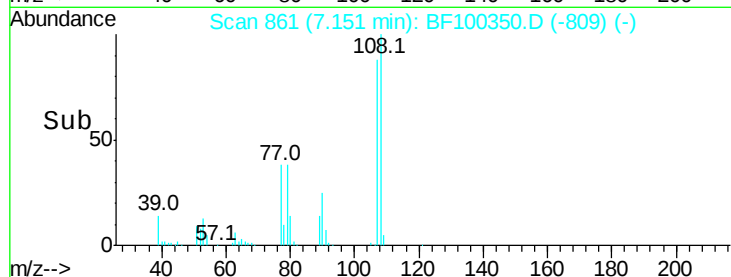
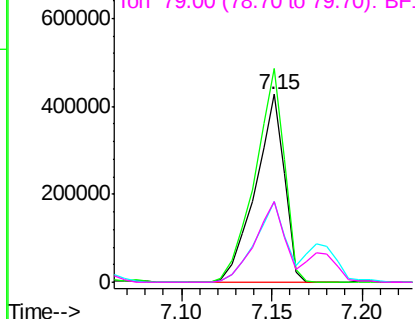
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.7	137.5	
77	42.8	33.8	50.8	
79	42.9	33.8	50.8	

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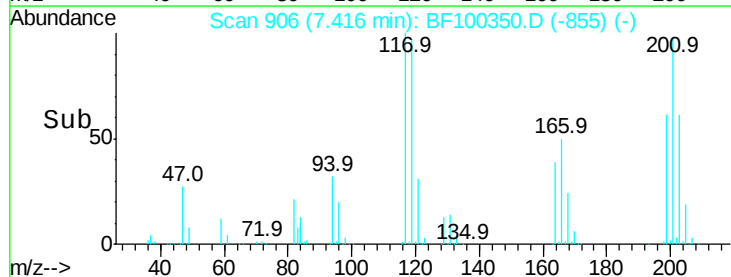
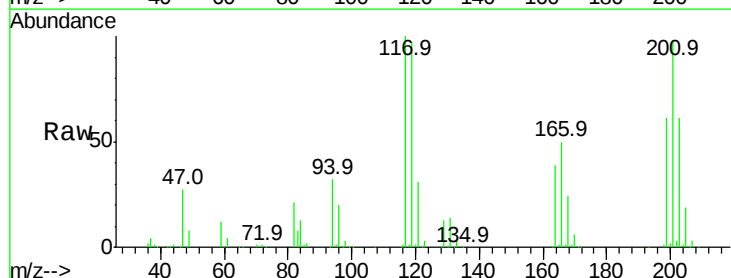
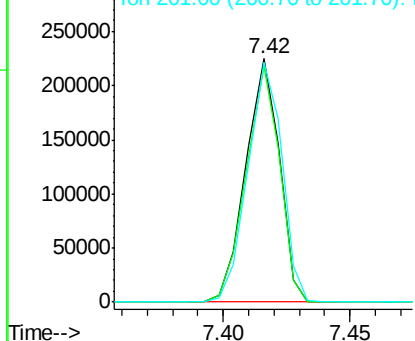
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

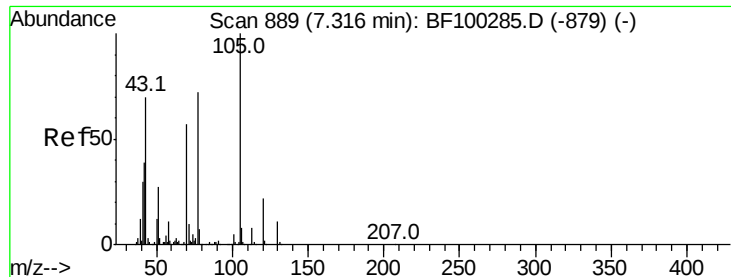


#18
Hexachloroethane
Concen: 50.134 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	75.8	113.8	
201	98.3	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: 43.836 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF100350.D

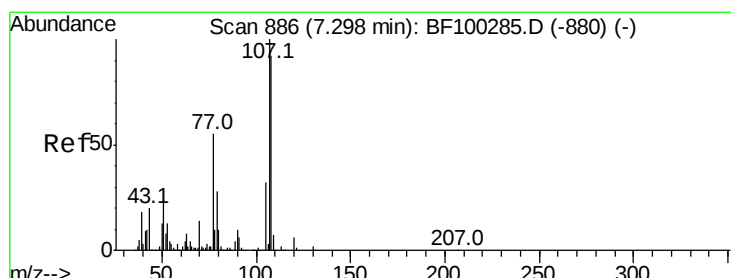
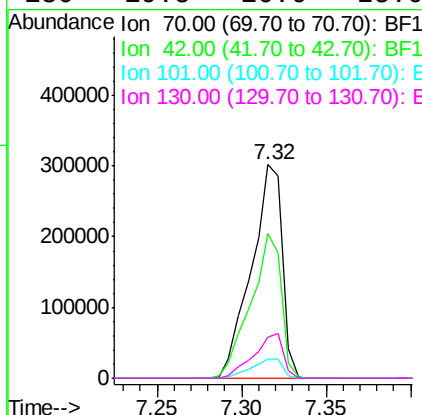
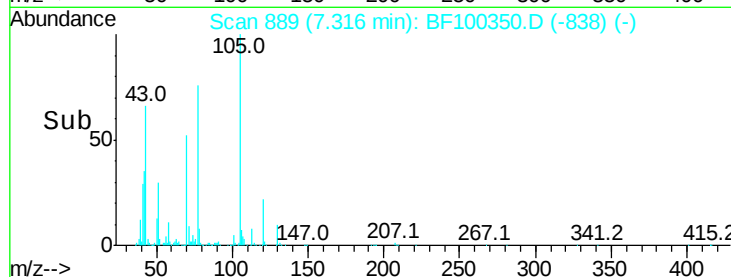
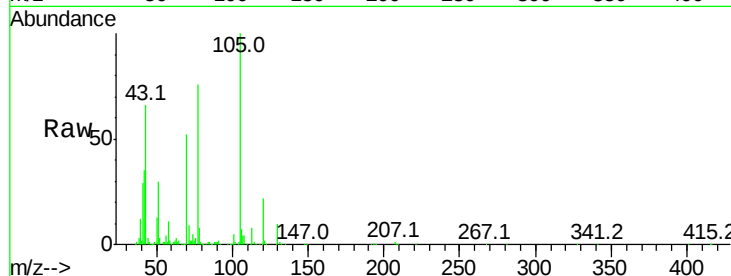
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	70	Resp	382991
Ion Ratio	Lower	Upper	
70	100		
42	67.6	47.5	71.3
101	9.2	7.4	11.2
130	19.5	16.6	25.0

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#20

3+4-Methylphenols

Concen: 47.797 ng

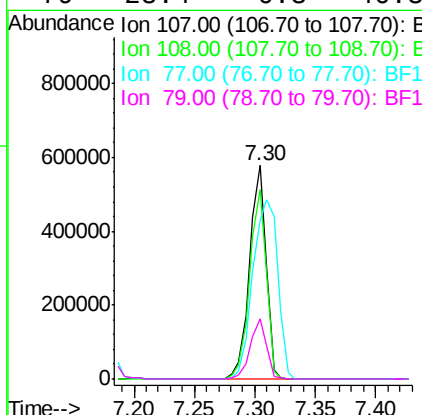
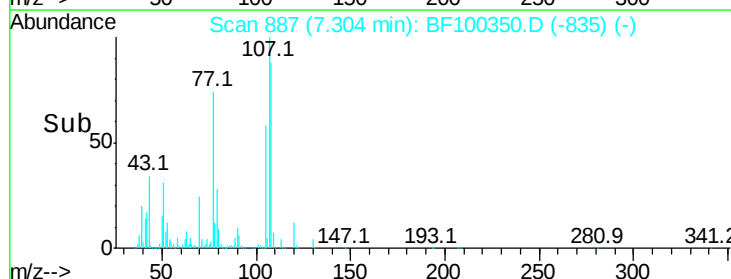
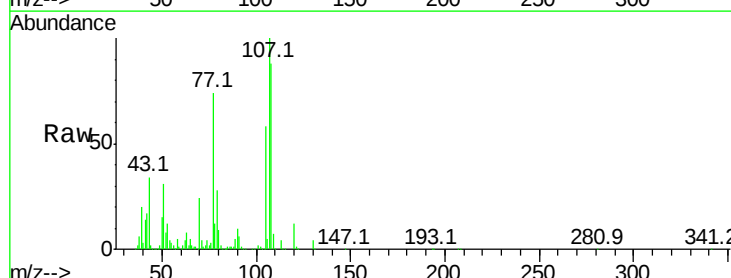
RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion	107	Resp	558631
Ion Ratio	Lower	Upper	
107	100		
108	88.5	68.2	108.2
77	74.4	26.7	66.7#
79	28.4	6.3	46.3





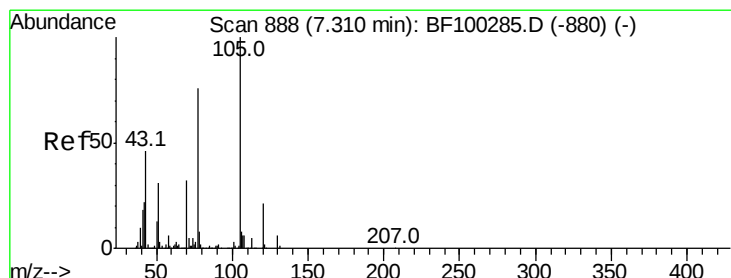
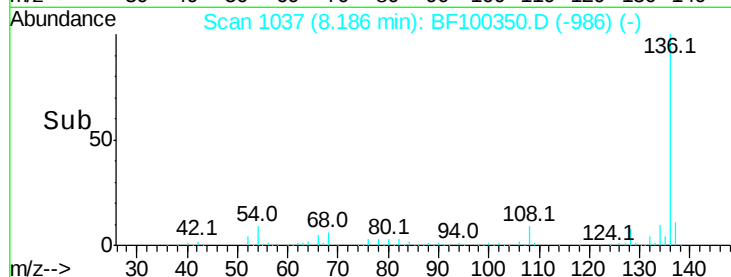
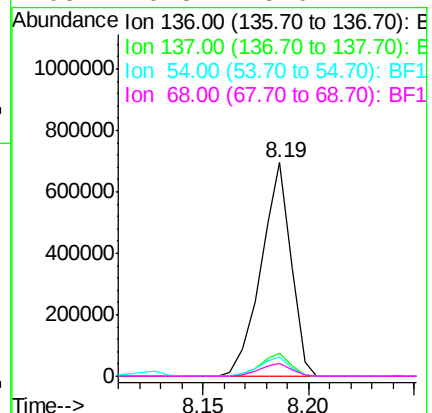
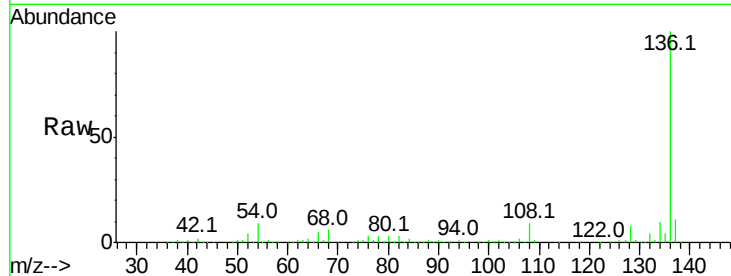
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	684068		
137	11.0		8.9	13.3
54	8.7		6.6	9.8
68	6.3		5.0	7.4

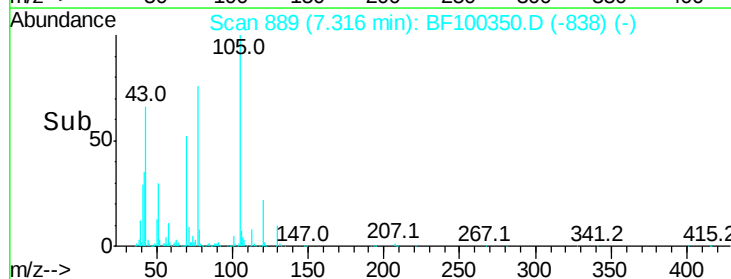
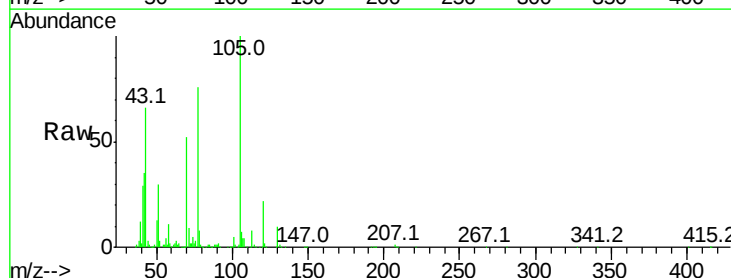
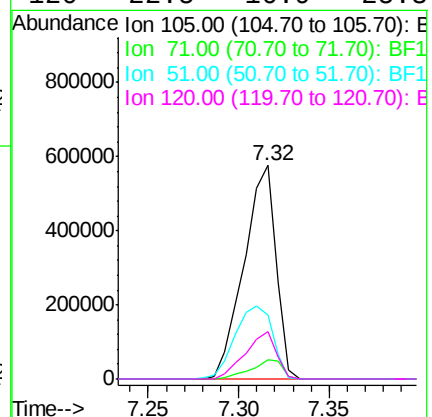
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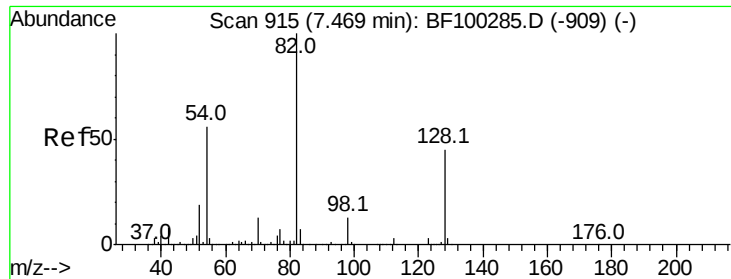
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#22
Acetophenone
Concen: 42.420 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	707603		
71	9.0		4.4	6.6#
51	30.2		22.3	33.5
120	22.5		16.9	25.3





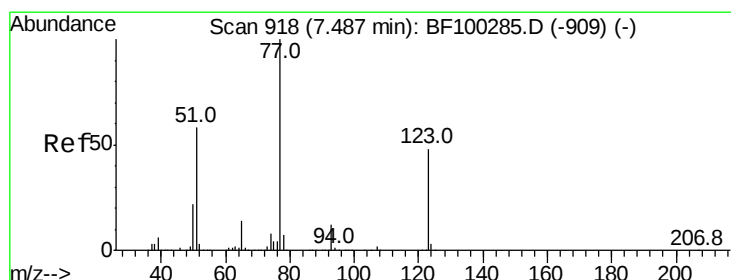
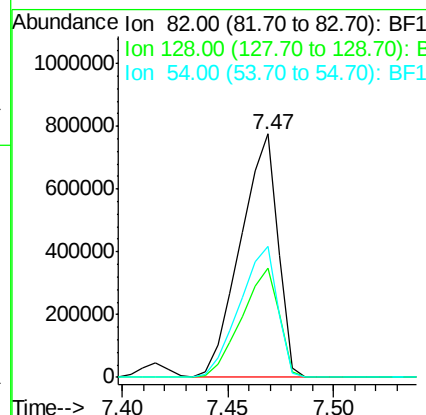
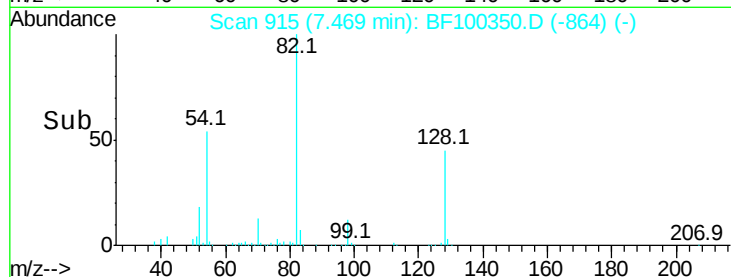
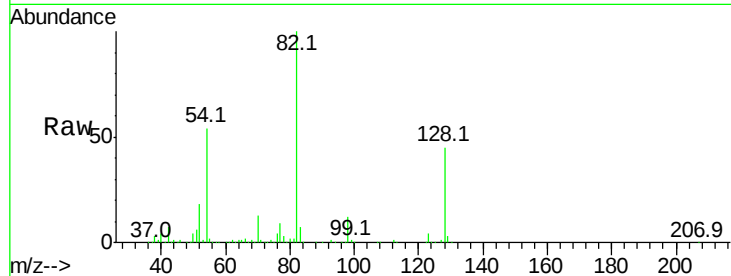
#23
Nitrobenzene-d5
Concen: 92.086 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampled :
PB104087BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	53.9	41.4	62.2

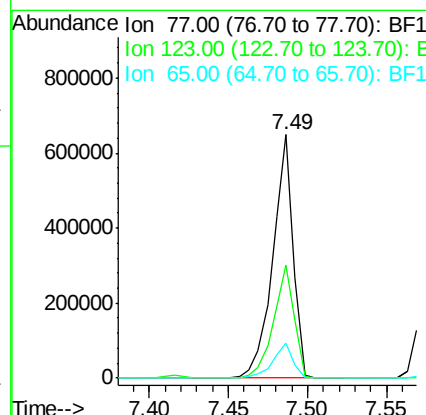
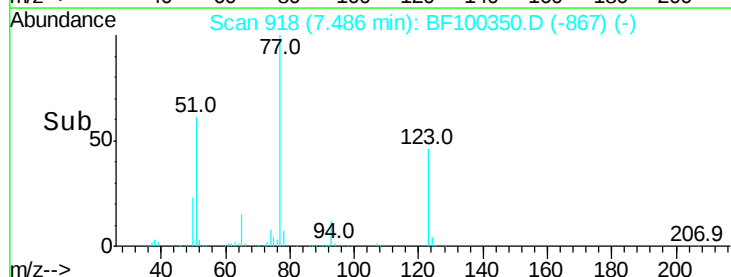
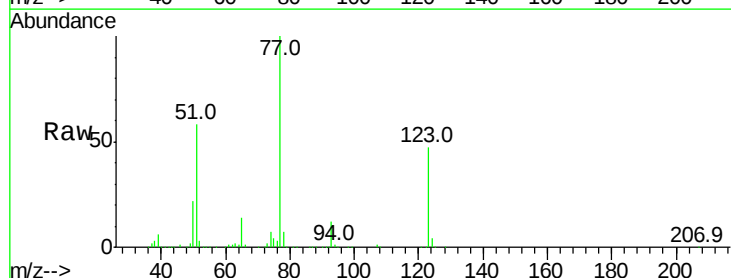
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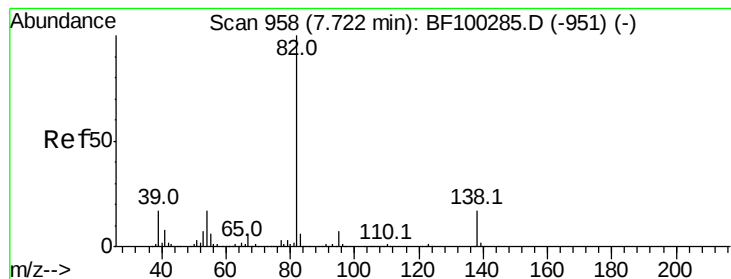
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#24
Nitrobenzene
Concen: 54.601 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.9	56.9
65	14.1	11.0	16.4





#25

Isophorone

Concen: 50.973 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB104087BS

Tot Ion: 82 Resp: 1108316

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

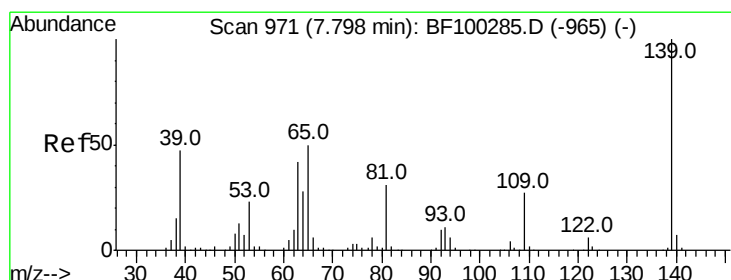
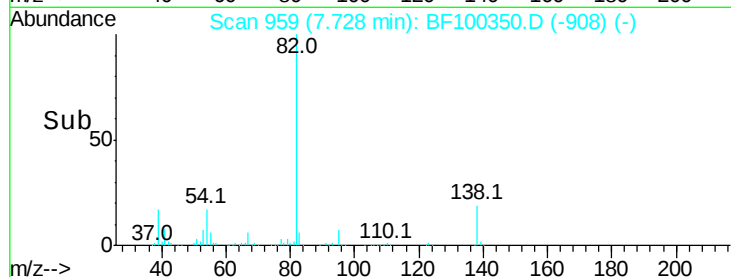
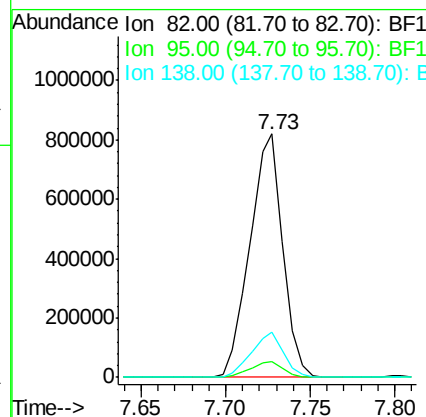
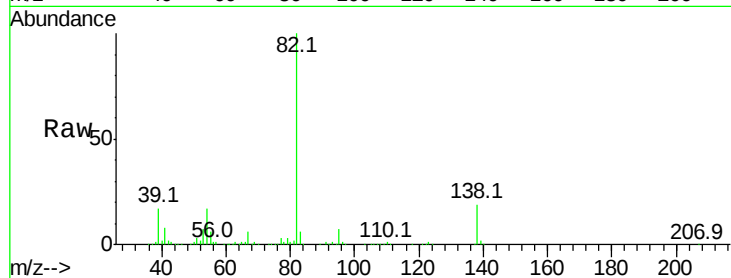
138 18.7 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 59.614 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

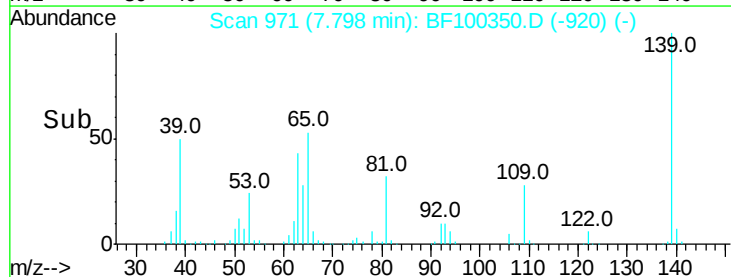
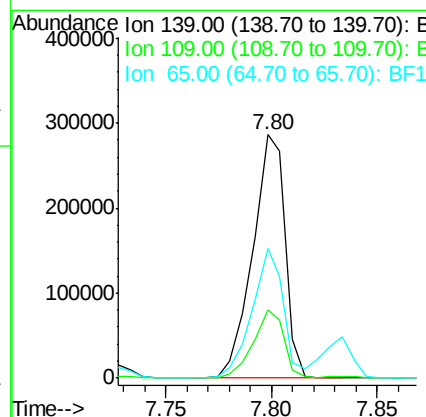
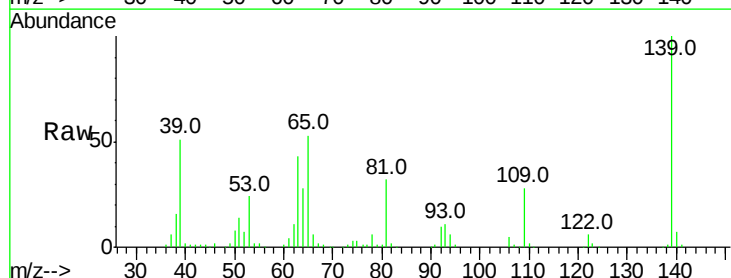
Tgt Ion: 139 Resp: 304981

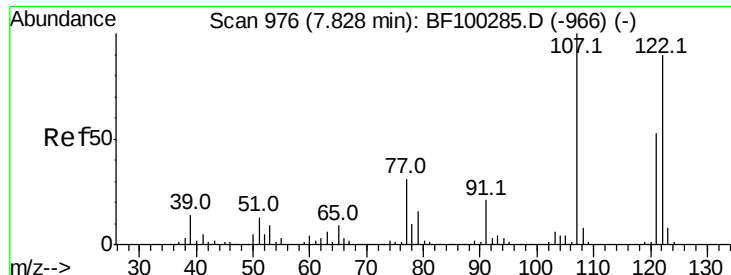
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 53.4 40.5 60.7





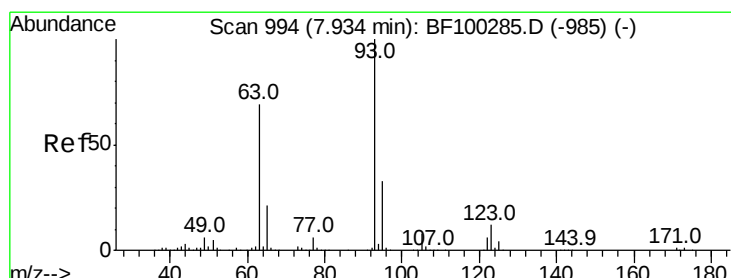
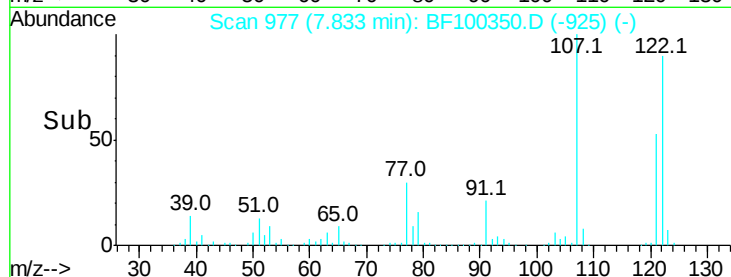
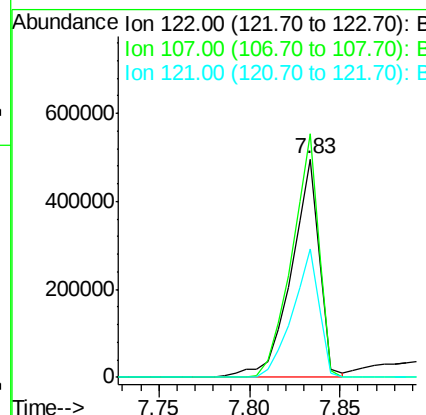
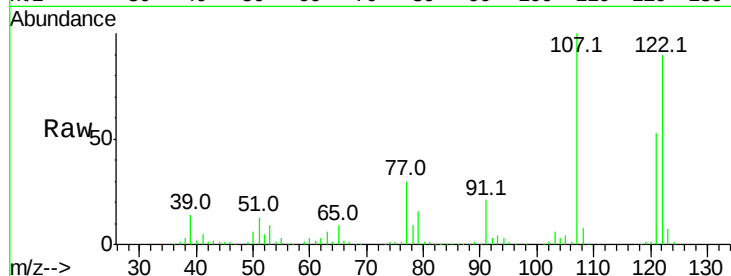
#27
2,4-Dimethylphenol
Concen: 55.475 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	540719		
107	111.5		91.2	136.8
121	59.1		47.2	70.8

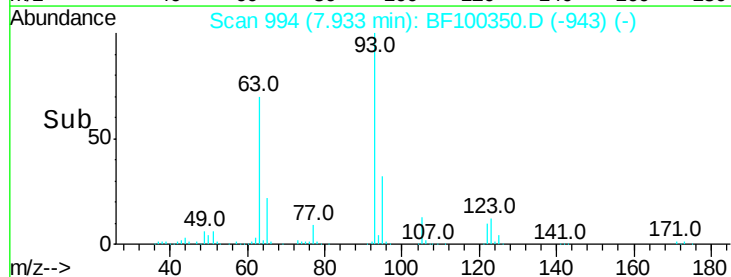
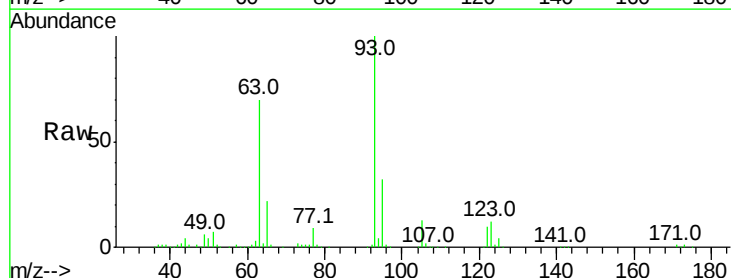
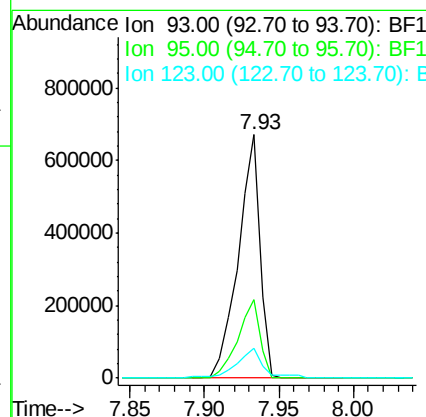
Manual Integrations
APPROVED

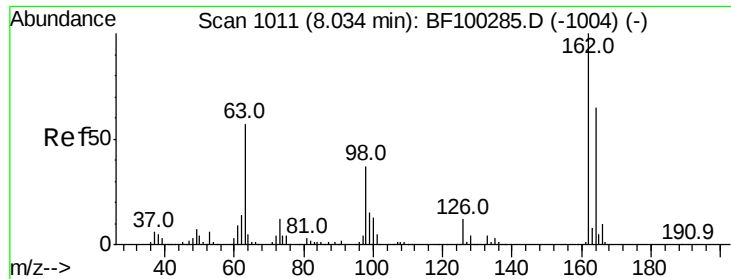
Sohil
11/10/2017 1:15:09 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.163 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	685006		
95	32.0		26.3	39.5
123	12.2		9.8	14.6





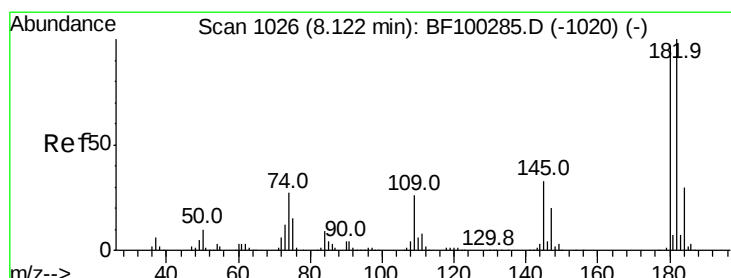
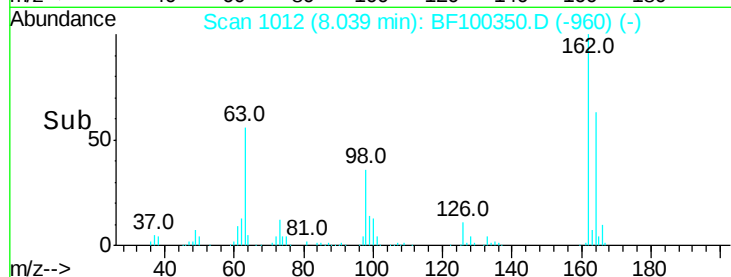
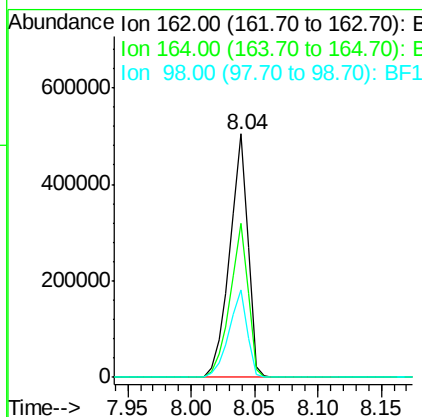
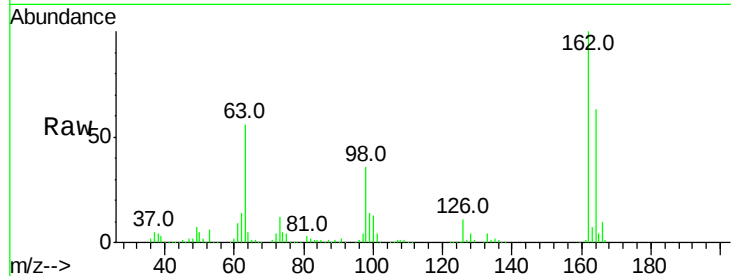
#29
2,4-Dichlorophenol
Concen: 53.791 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	500518		
164	63.5	42.7	82.7	
98	36.1	18.1	58.1	

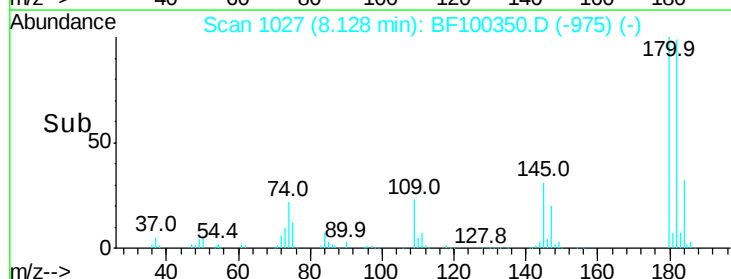
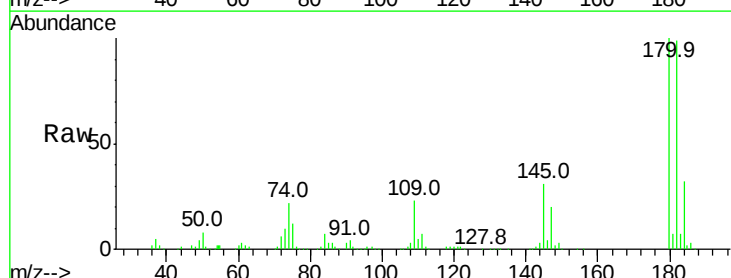
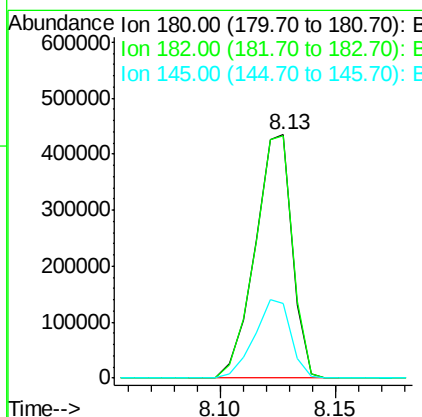
Manual Integrations
APPROVED

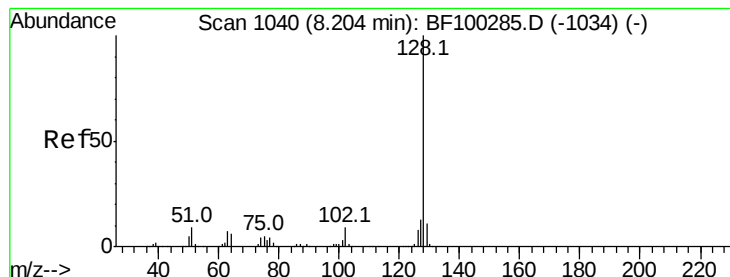
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#30
1,2,4-Trichlorobenzene
Concen: 48.259 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	485732		
182	99.4	76.8	115.2	
145	30.9	26.5	39.7	





#31

Naphthalene

Concen: 46.643 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB104087BS

Tot Ion:128 Resp: 1536823

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

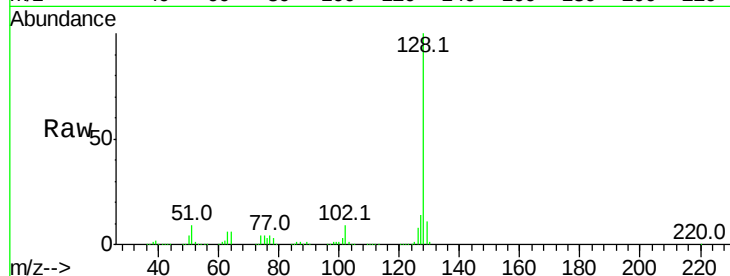
127 13.8 10.9 16.3

Manual Integrations

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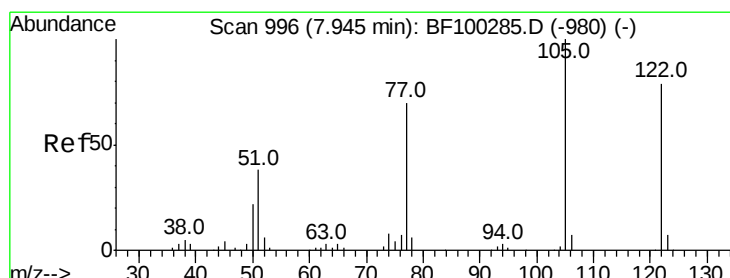
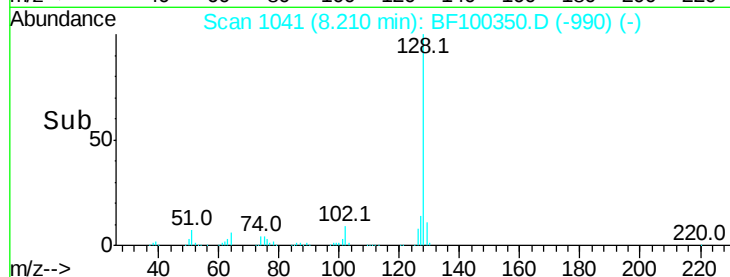
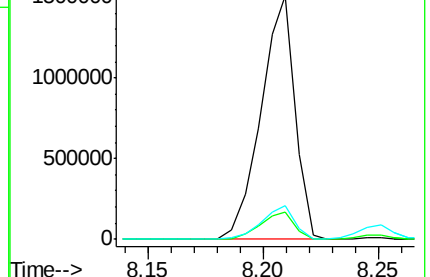
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.986 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

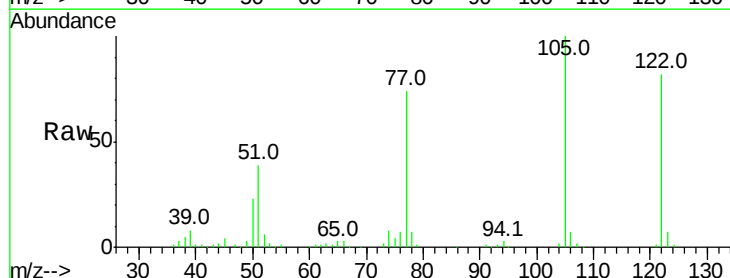
Tgt Ion:122 Resp: 395231

Ion Ratio Lower Upper

122 100

105 122.1 101.1 141.1

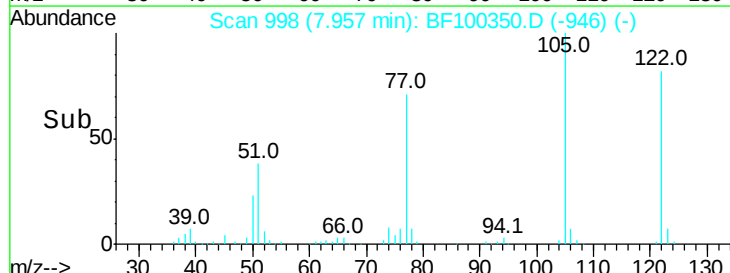
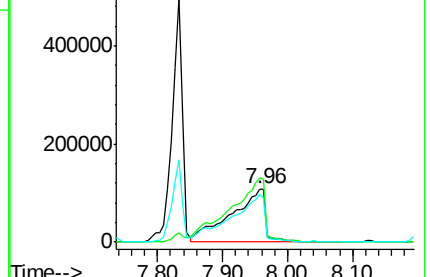
77 90.1 70.7 110.7

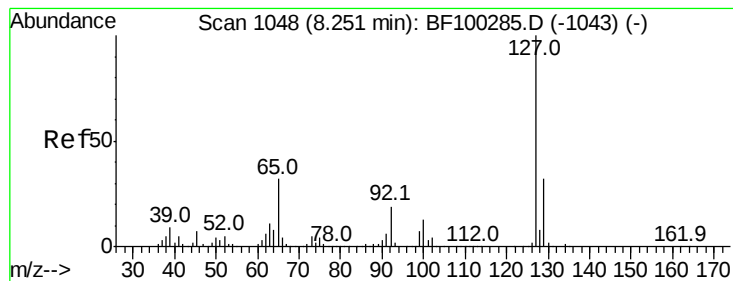


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 7.167 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

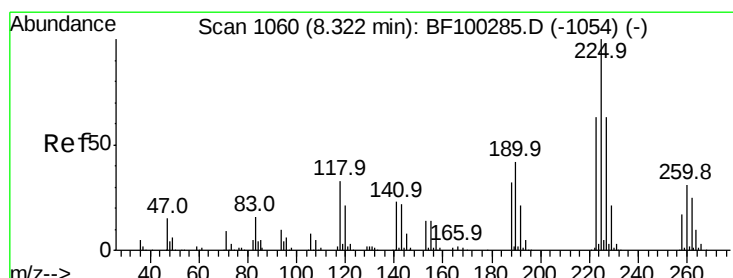
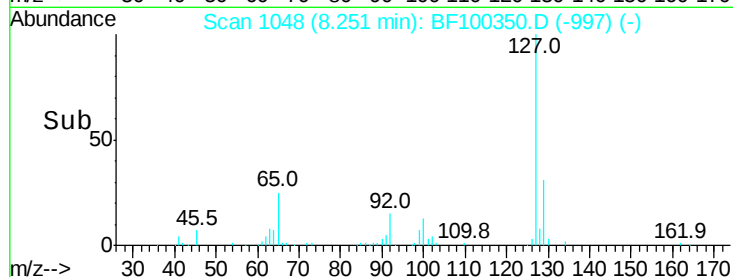
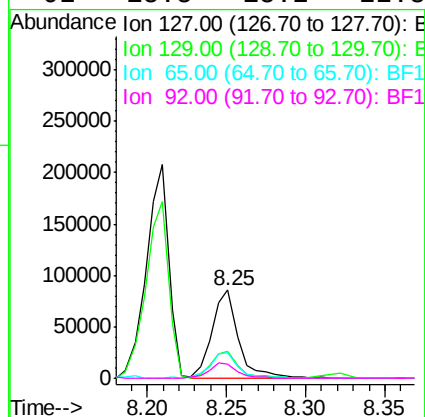
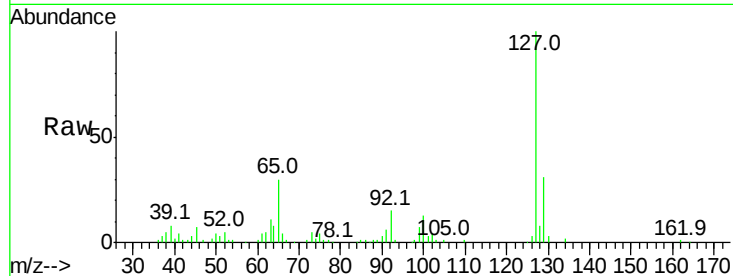
ClientSampleId :

PB104087BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	29.7	25.0	37.4
92	15.5	15.2	22.8

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 47.103 ng

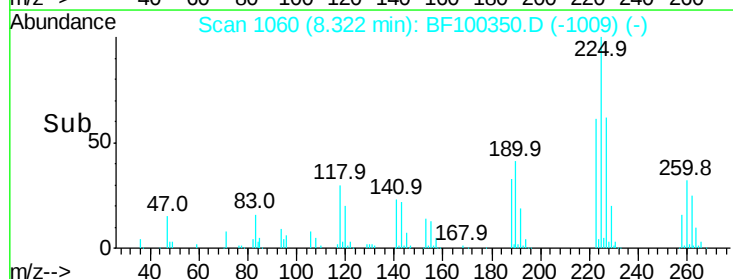
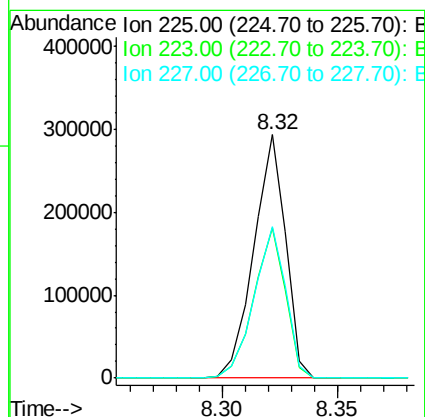
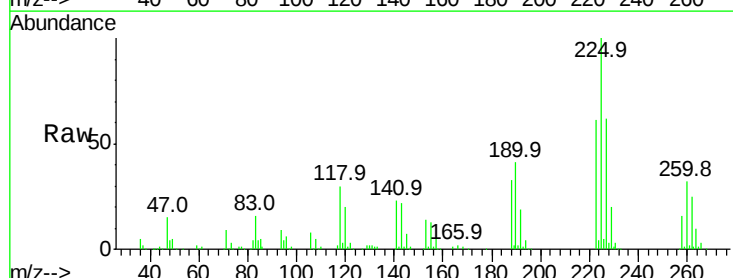
RT: 8.32 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	76.0
227	62.3	51.9	77.9





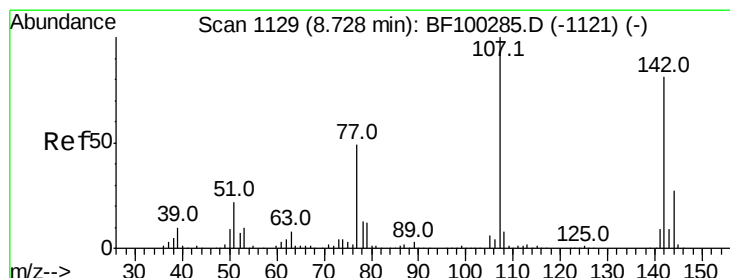
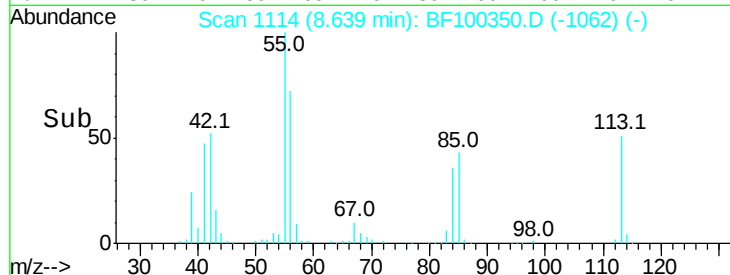
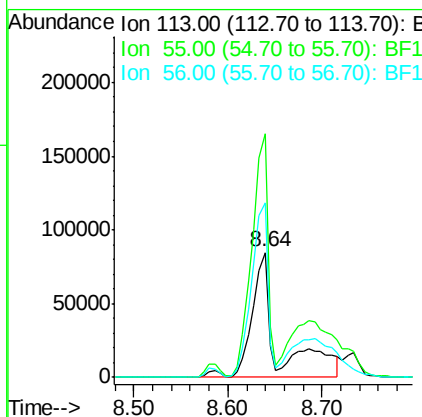
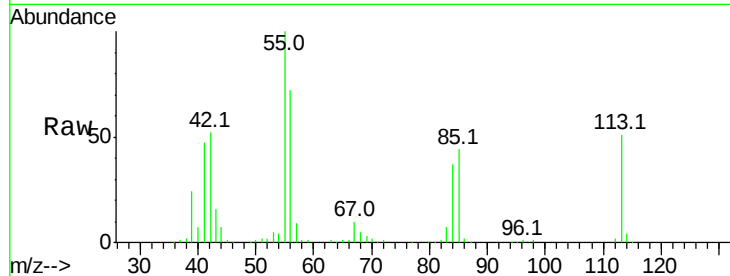
#35
Caprolactam
Concen: 50.276 ng/ml
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleID :
PB104087BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	194.5	163.3	203.3		
56	139.2	115.7	155.7		

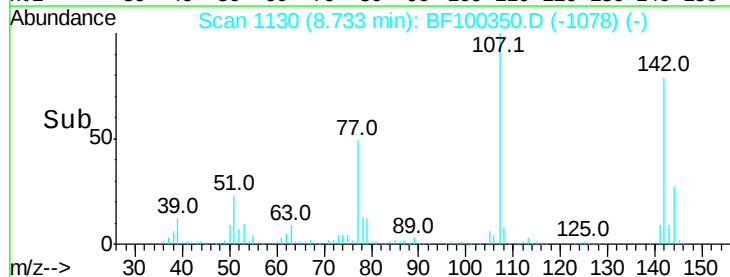
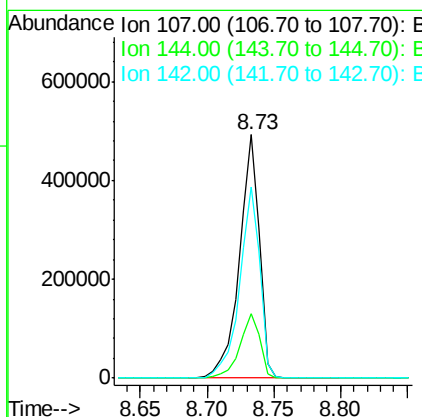
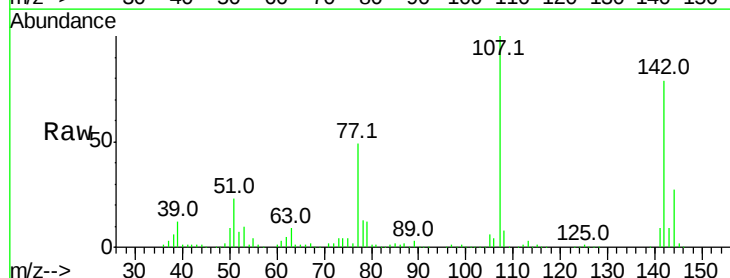
Manual Integrations
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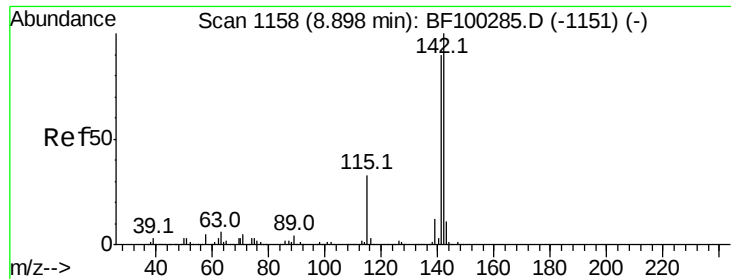
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#36
4-Chloro-3-methylphenol
Concen: 51.318 ng/ml
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.5	20.5	30.7		
142	78.5	62.0	93.0		





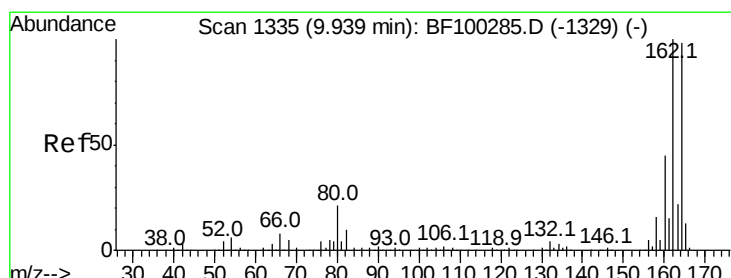
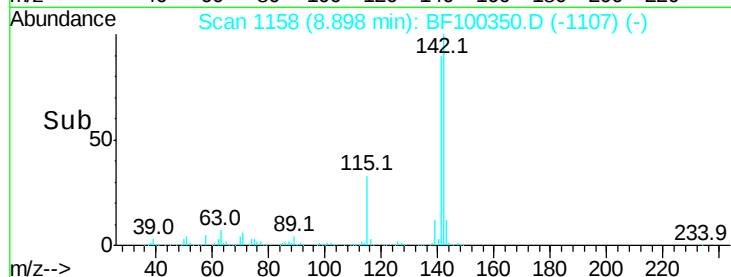
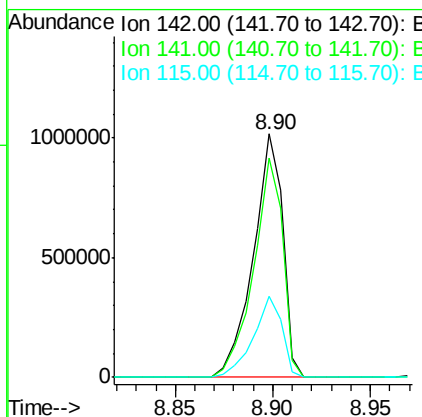
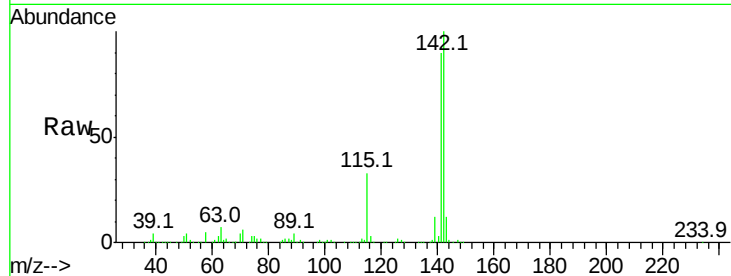
#37
2-Methylnaphthalene
Concen: 48.676 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampled :
PB104087BS

Tot Ion:142 Resp: 1064760
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2
115 33.3 26.1 39.1

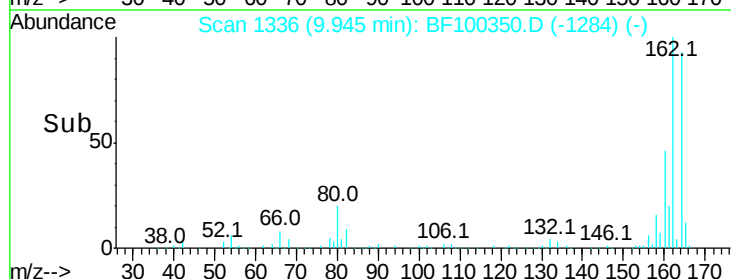
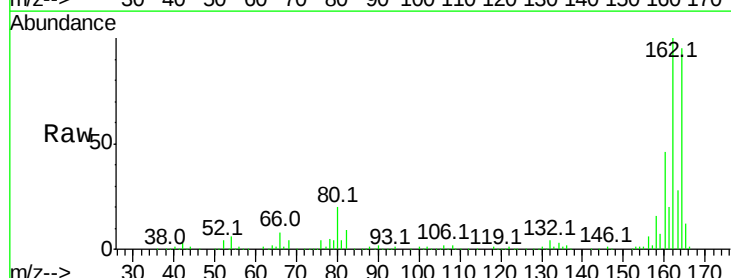
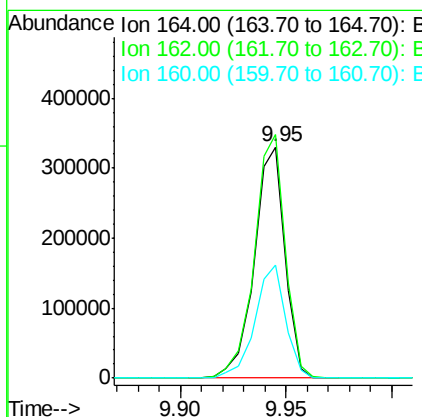
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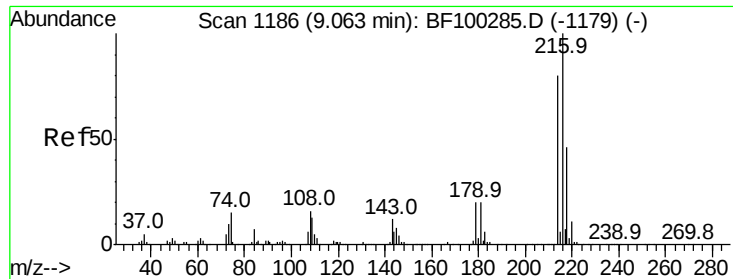
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:164 Resp: 334127
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 48.8 38.3 57.5





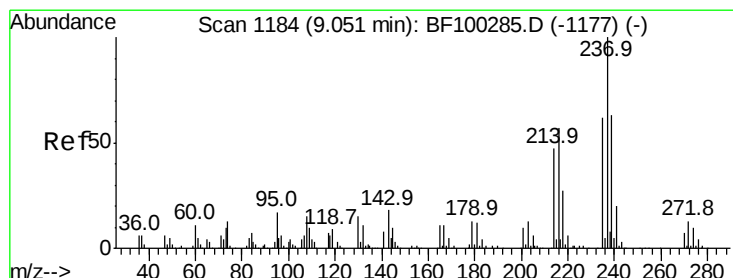
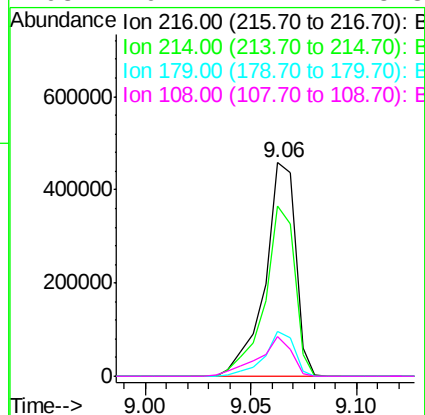
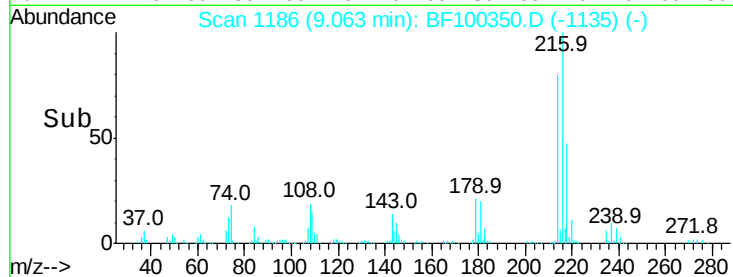
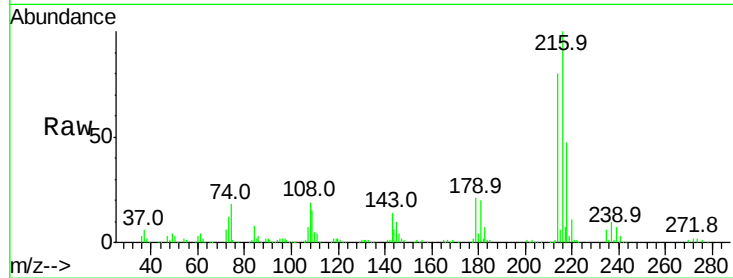
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.698 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	462069		
214	78.5	63.0	94.4	
179	20.5	18.1	27.1	
108	20.4	17.2	25.8	

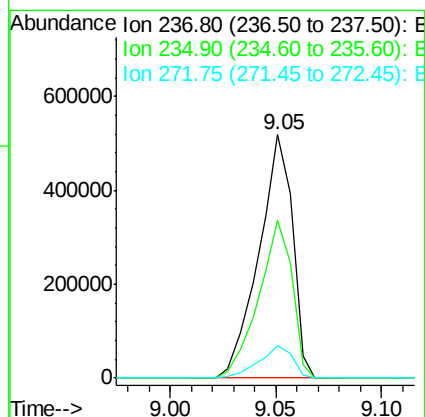
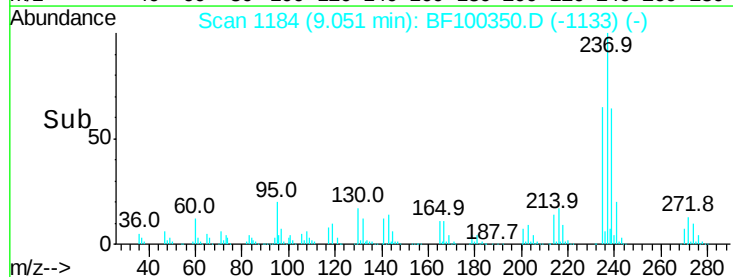
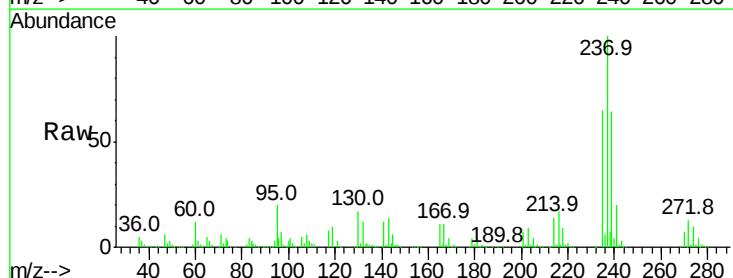
Manual Integrations
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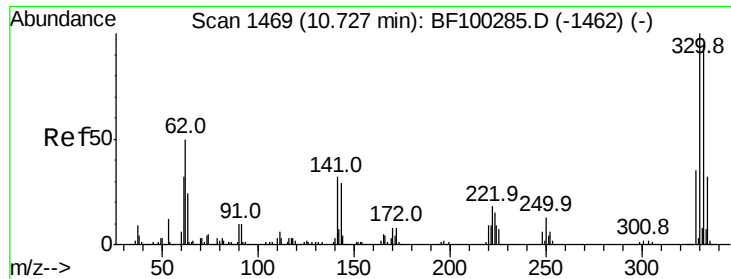
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#40
 Hexachlorocyclopentadiene
 Concen: 110.124 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	574344		
235	64.9	44.8	84.8	
272	13.3	0.0	33.3	





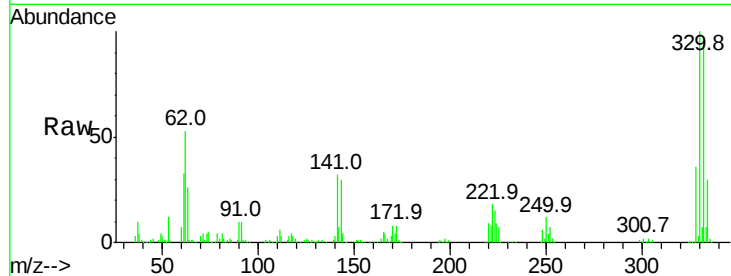
#41
 2,4,6-Tribromophenol
 Concen: 122.037 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BS

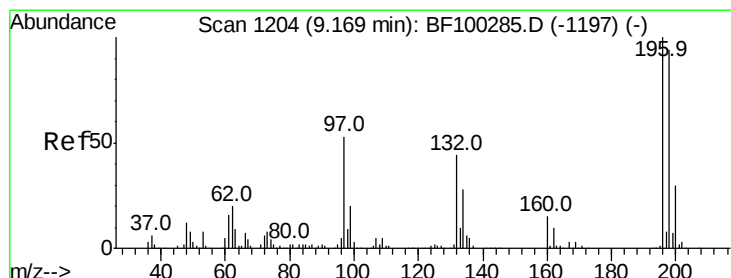
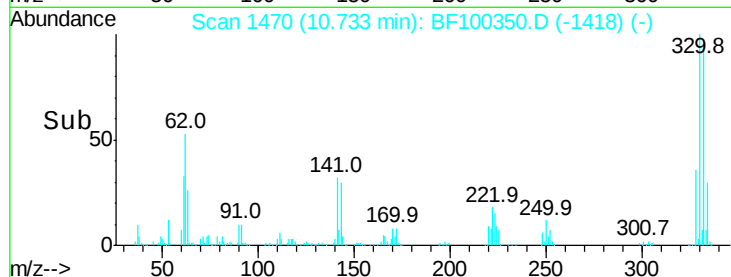
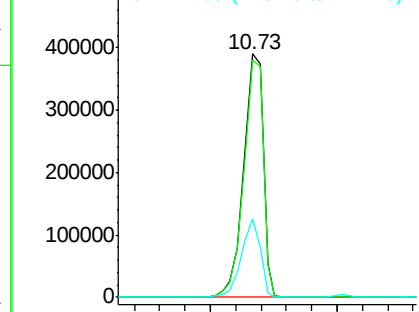
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	30.8	29.9	44.9	

Manual Integrations
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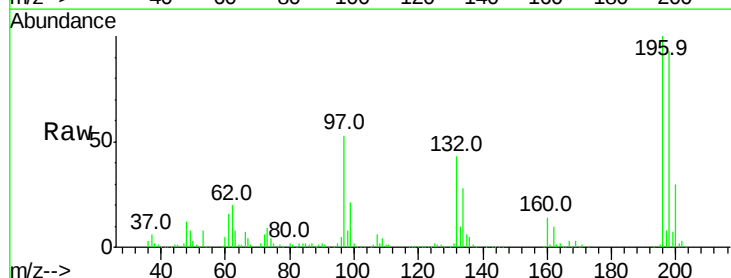


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

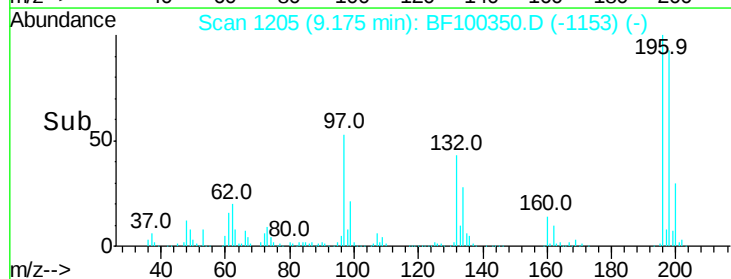
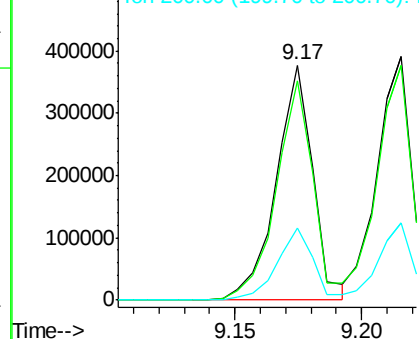


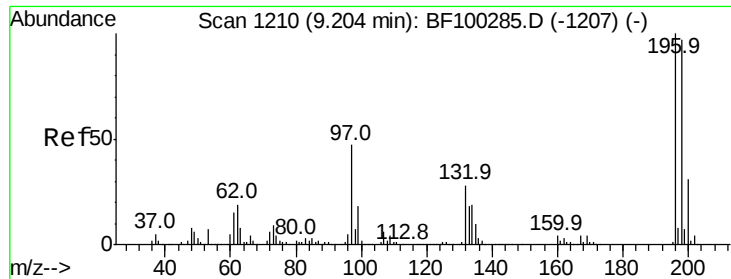
#42
 2,4,6-Trichlorophenol
 Concen: 53.733 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.4	75.7	113.5	
200	30.5	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





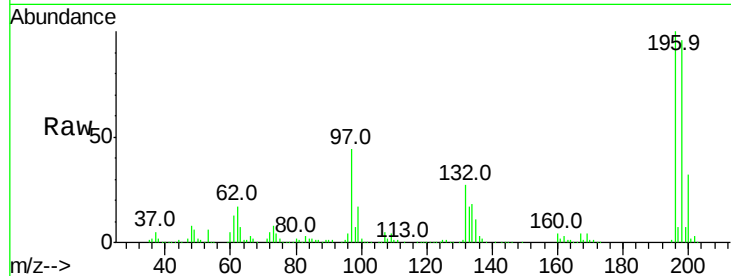
#43
 2,4,5-Trichlorophenol
 Concen: 50.724 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BS

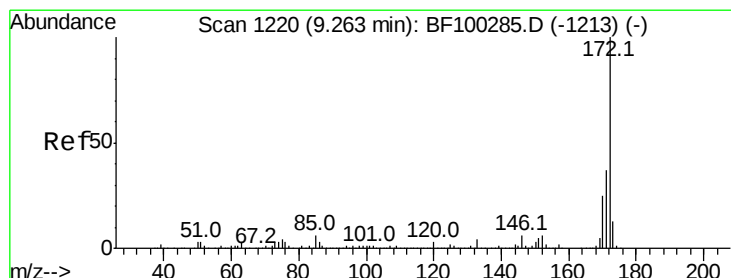
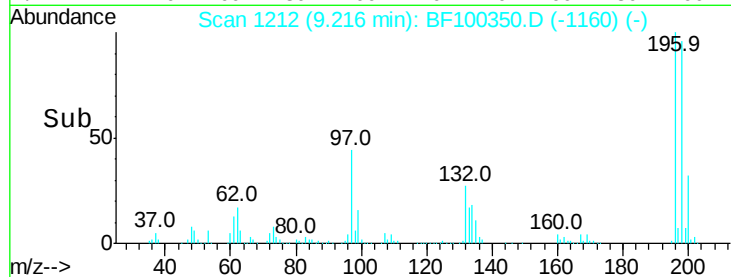
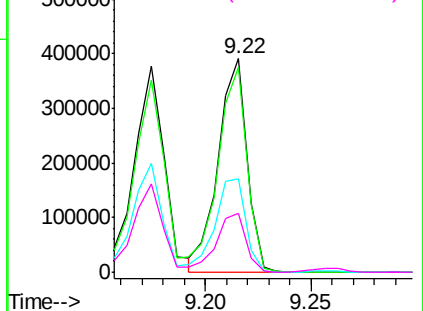
Tot Ion	196	Resp	369096
Ion Ratio	Lower	Upper	
196	100		
198	96.2	74.6	112.0
97	43.7	42.9	64.3
132	27.4	26.3	39.5

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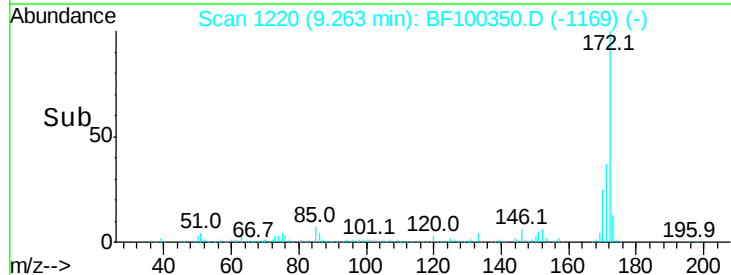
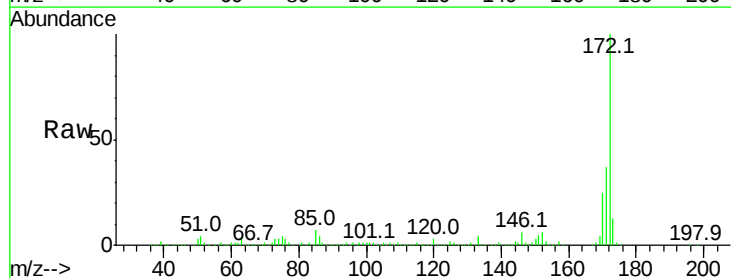
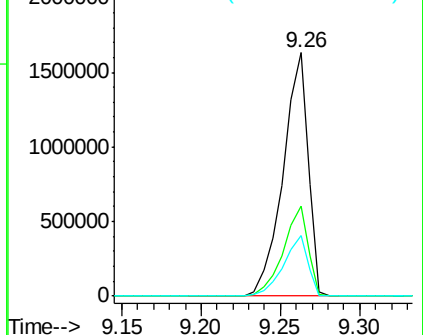
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

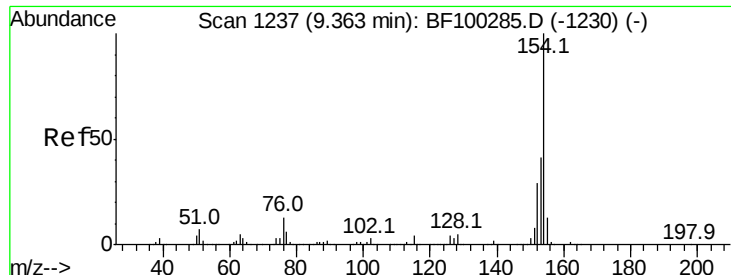


#44
 2-Fluorobiphenyl
 Concen: 81.459 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion	172	Resp	1787453
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.7	44.5
170	24.7	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





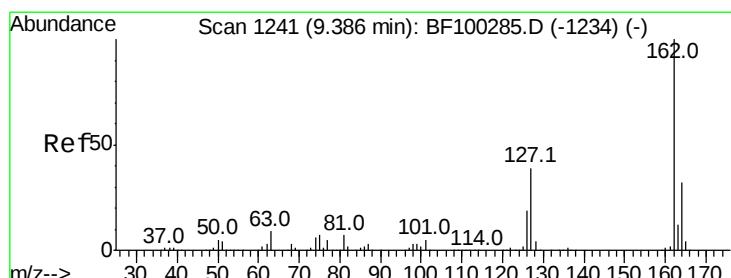
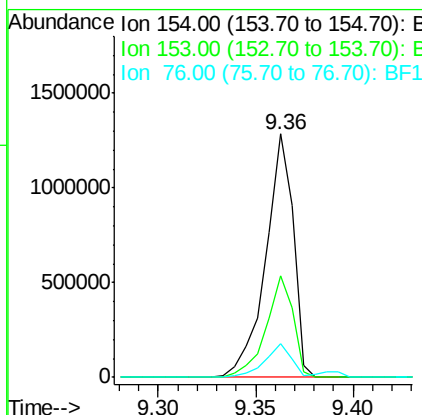
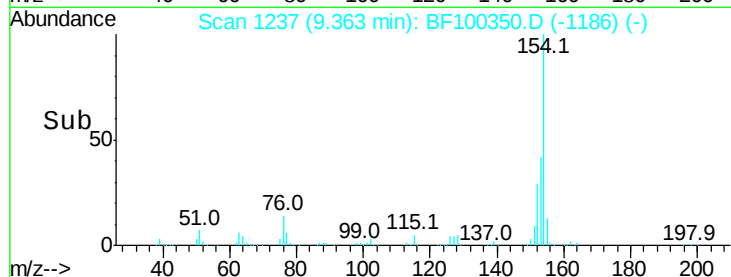
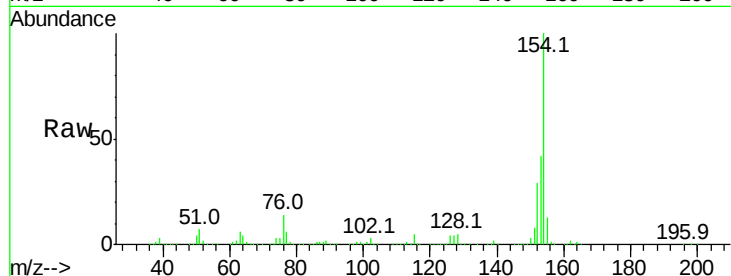
#45
1,1'-Biphenyl
Concen: 43.610 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.3	61.3
76	13.8	0.0	34.0

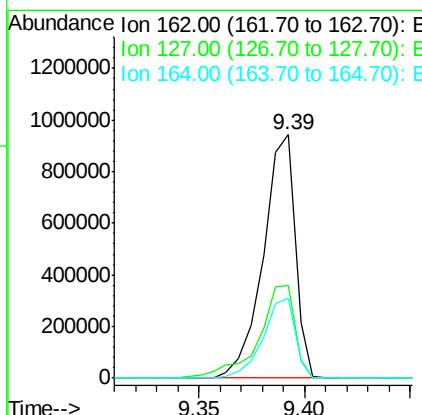
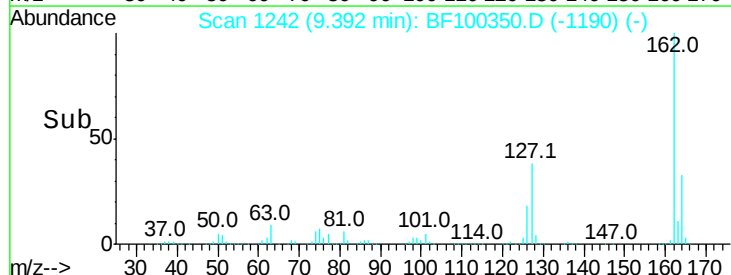
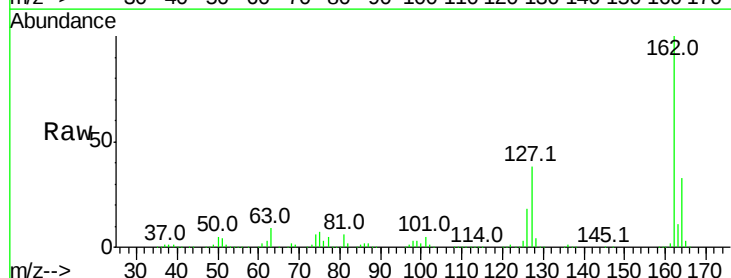
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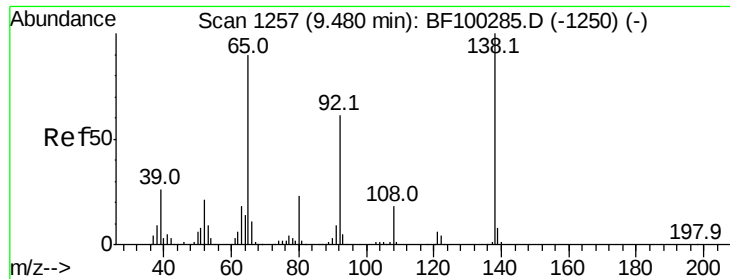
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#46
2-Chloronaphthalene
Concen: 47.465 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	33.9	50.9
164	32.8	26.5	39.7





#47

2-Nitroaniline

Concen: 54.469 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

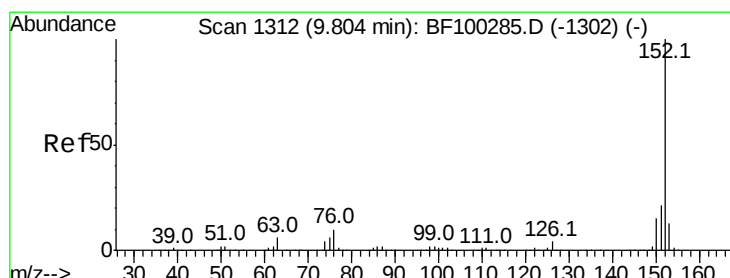
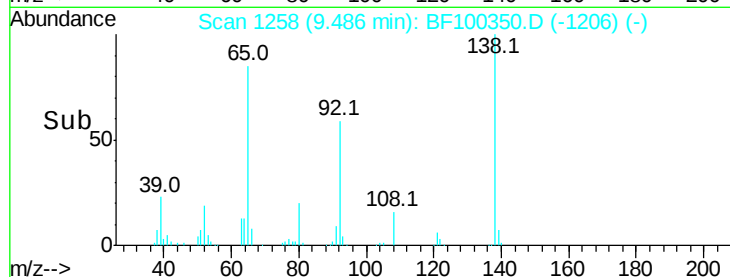
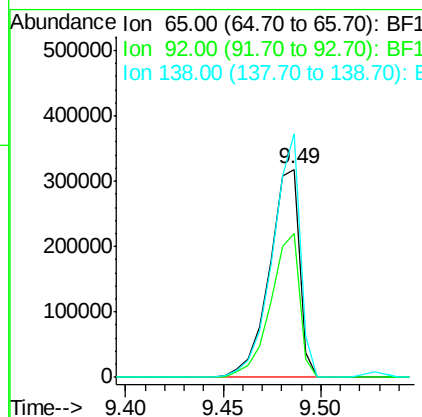
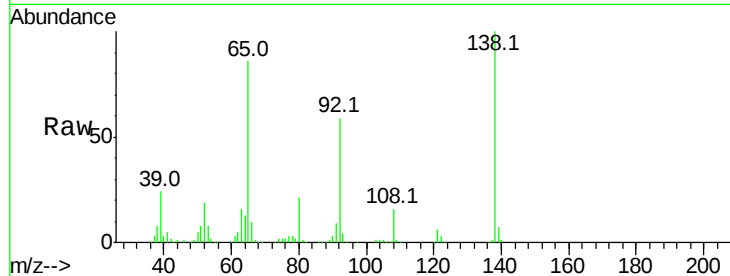
ClientSampled :

PB104087BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.8	55.8	83.6
138	116.9	91.2	136.8

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#48

Acenaphthylene

Concen: 45.220 ng

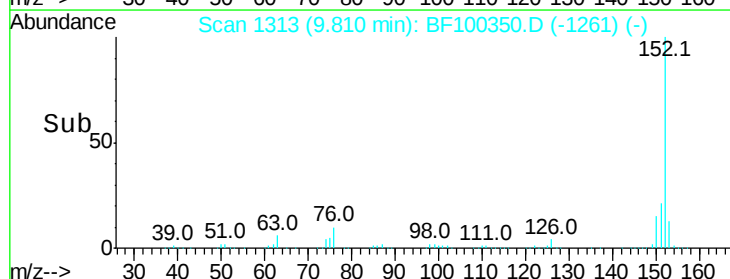
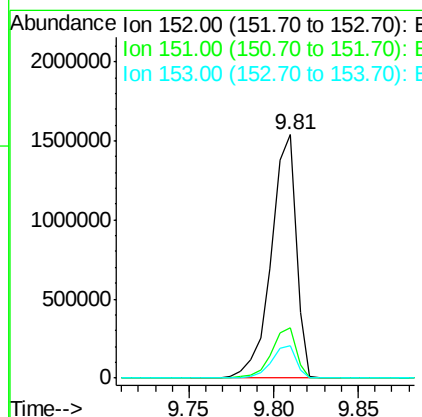
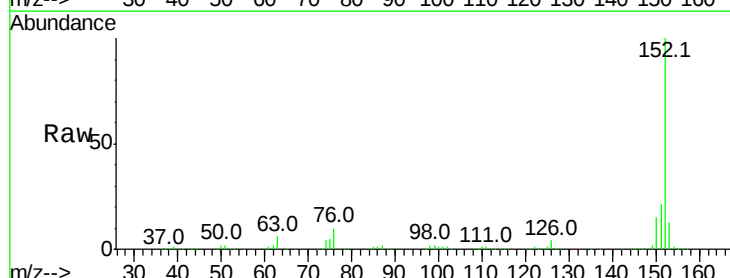
RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.4	10.7	16.1





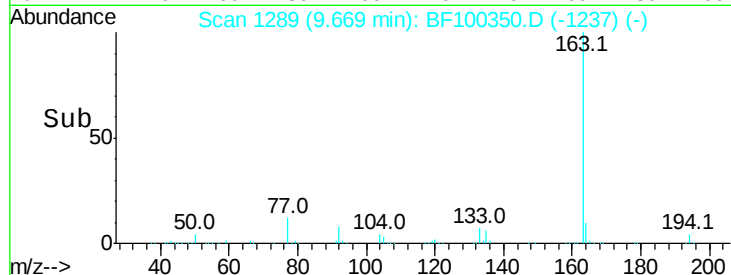
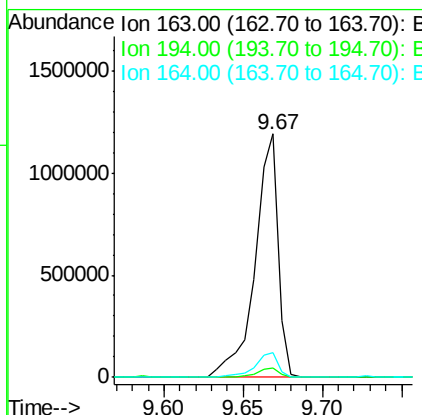
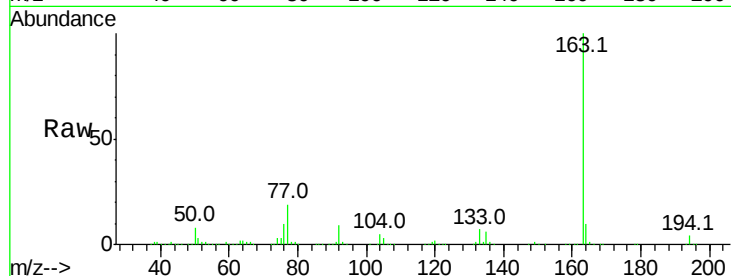
#49
Dimethylphthalate
Concen: 47.378 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion:163 Resp: 1208672
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.2 12.2

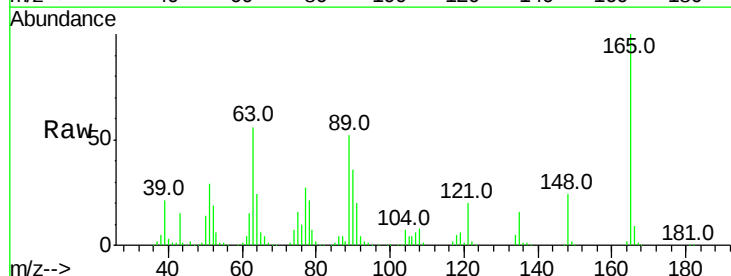
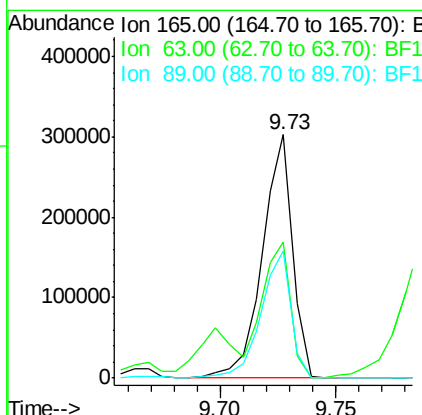
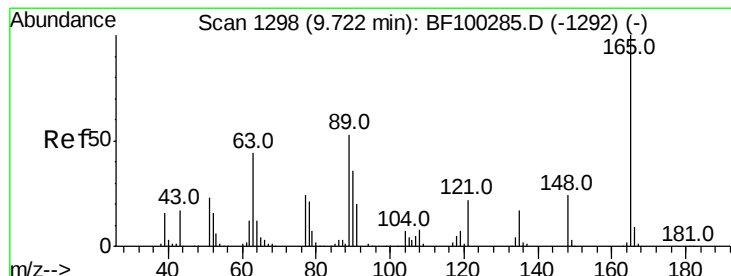
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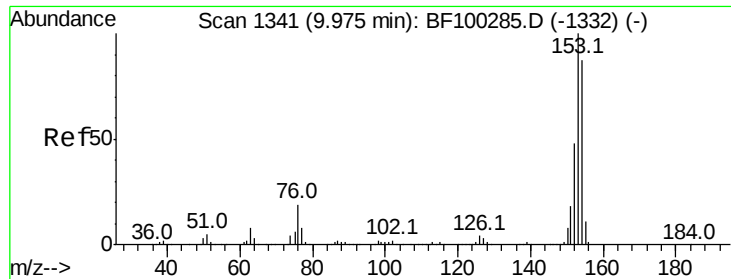
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#50
2,6-Dinitrotoluene
Concen: 54.362 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:165 Resp: 274513
Ion Ratio Lower Upper
165 100
63 55.7 44.7 67.1
89 52.2 44.0 66.0





#51

Acenaphthene

Concen: 50.138 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB104087BS

Tot Ion:154 Resp: 1059432

Ion Ratio Lower Upper

154 100

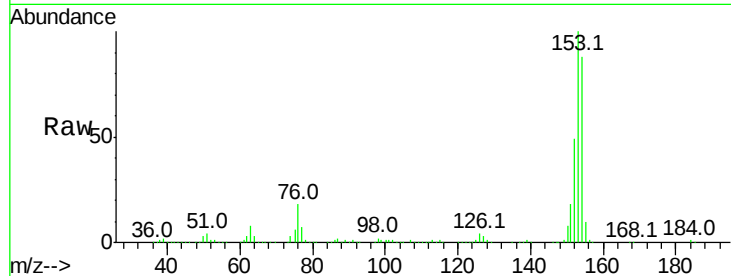
153 113.4 91.2 136.8

152 55.1 43.8 65.8

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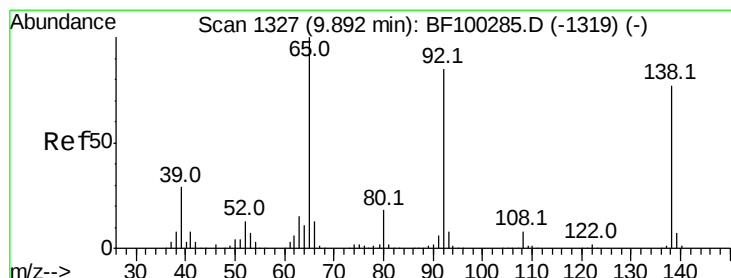
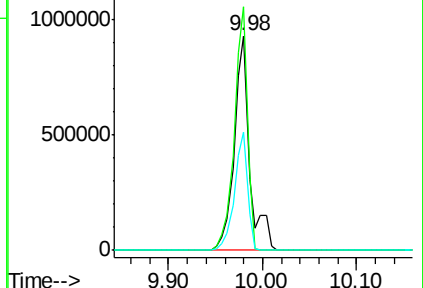
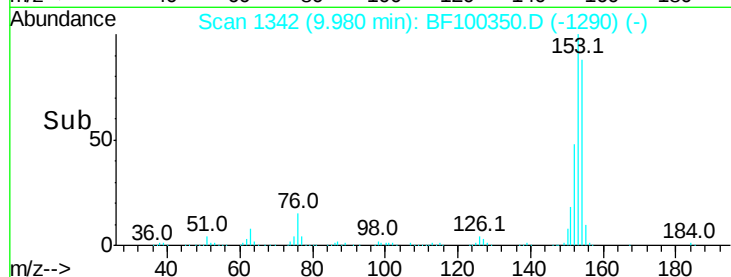
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.347 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

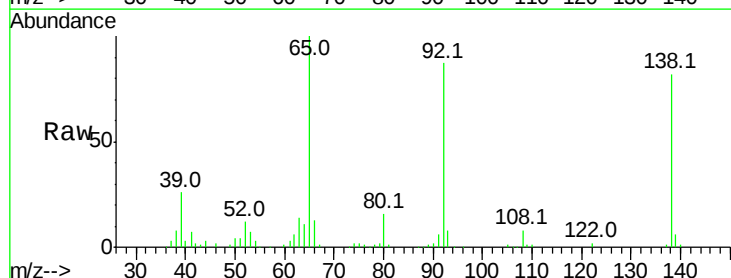
Tgt Ion:138 Resp: 91512

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

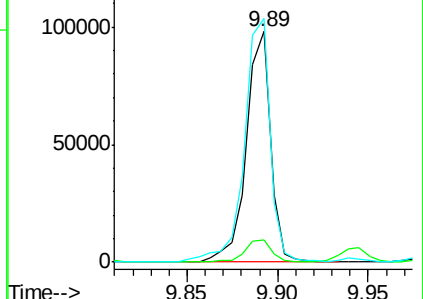
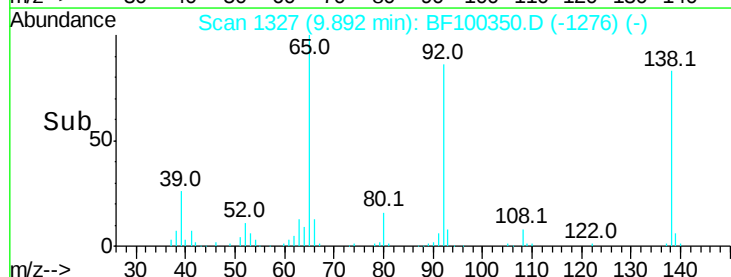
92 105.6 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





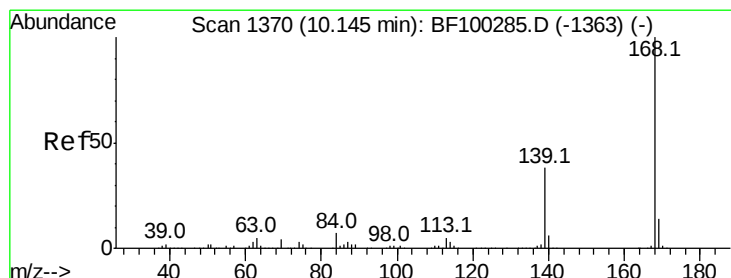
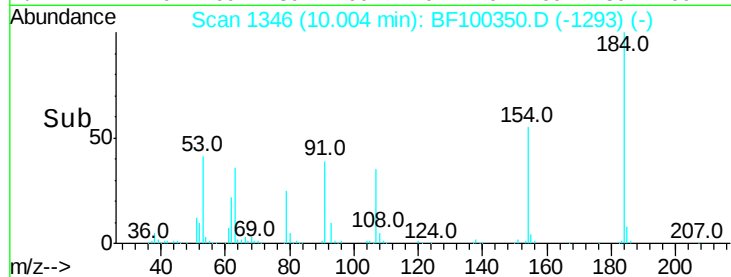
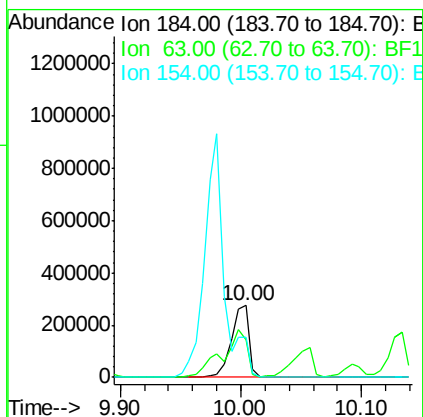
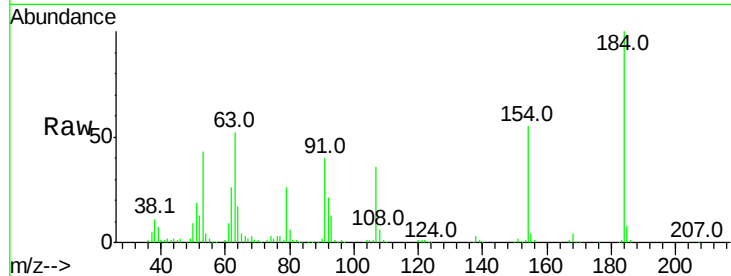
#53
2,4-Dinitrophenol
Concen: 108.595 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampled :
PB104087BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	281821		
63	51.8	54.2	81.2#	
154	55.5	184.0	276.0#	

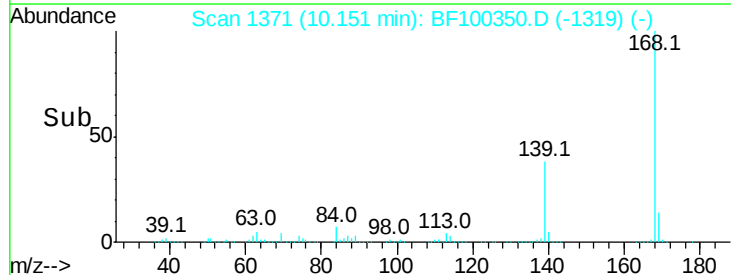
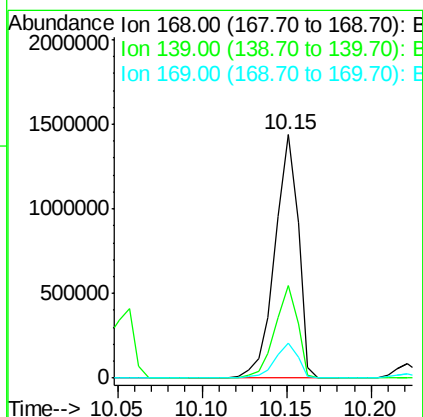
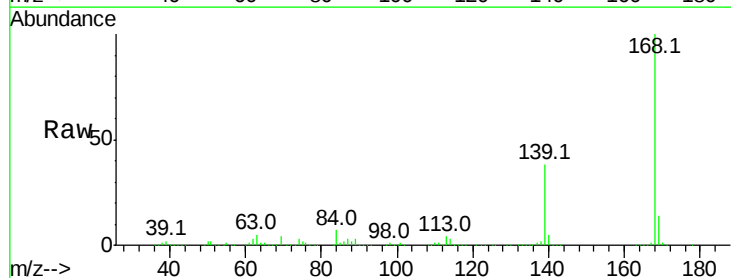
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#54
Dibenzofuran
Concen: 46.717 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1383543		
139	38.1	30.1	45.1	
169	14.4	10.9	16.3	





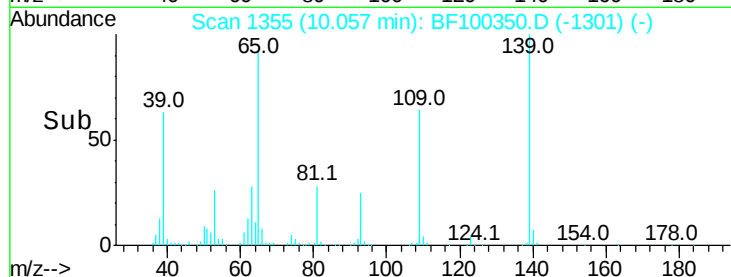
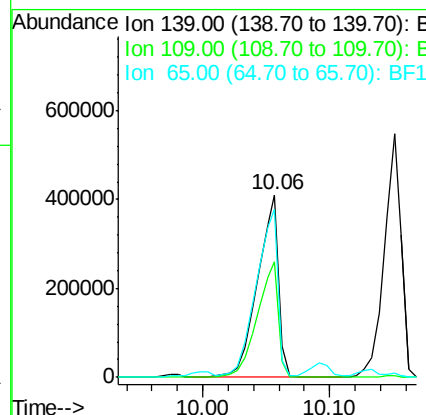
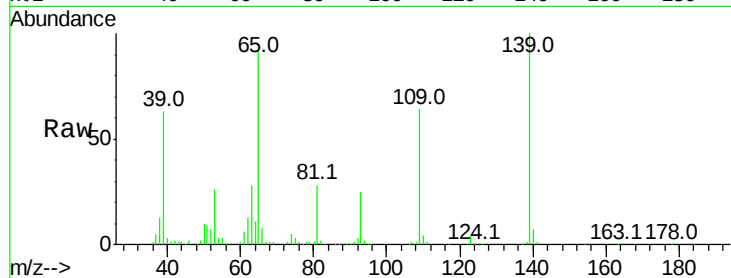
#55
4-Nitrophenol
Concen: 98.223 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.7	48.4	88.4
65	92.2	72.6	112.6

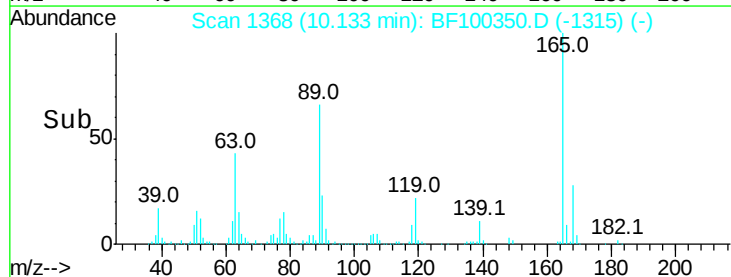
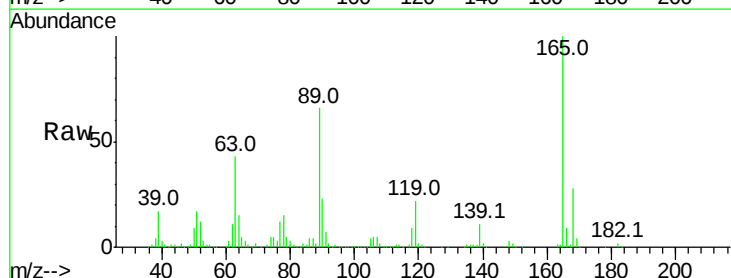
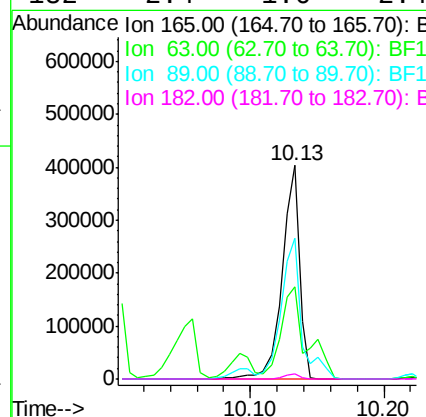
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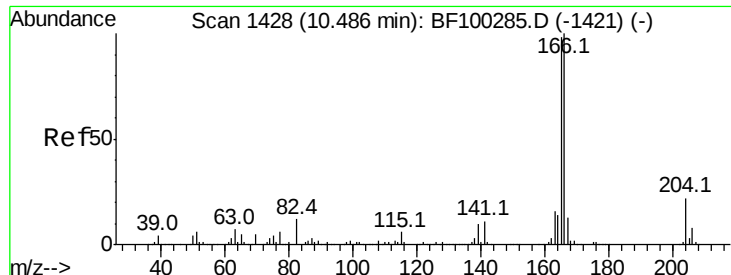
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#56
2,4-Dinitrotoluene
Concen: 58.380 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.0	36.4	54.6
89	65.9	57.8	86.6
182	2.4	1.6	2.4





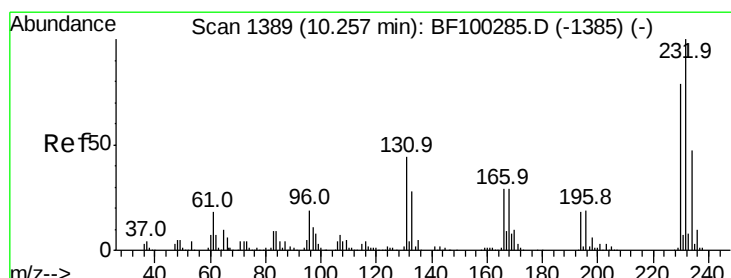
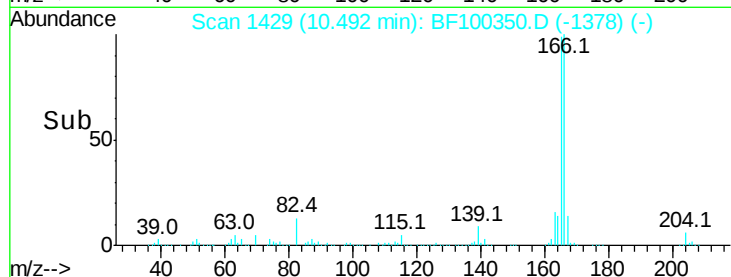
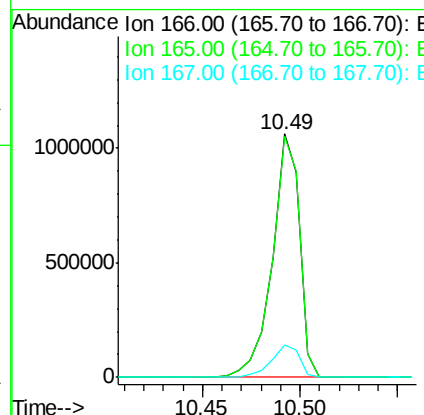
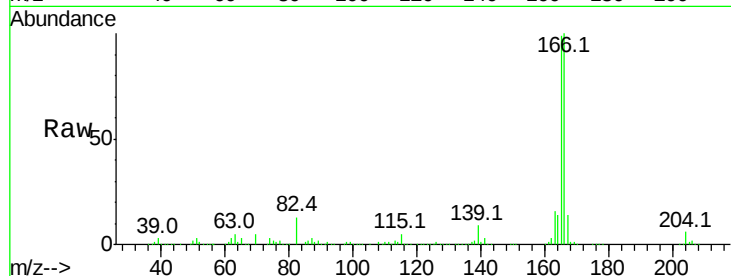
#57
 Fluorene
 Concen: 47.142 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BS

Tot Ion:166 Resp: 1022772
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.5 10.6 16.0

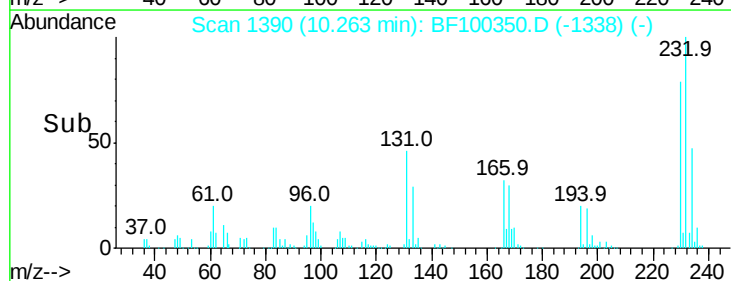
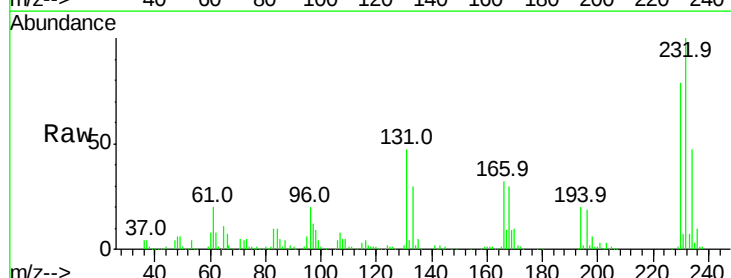
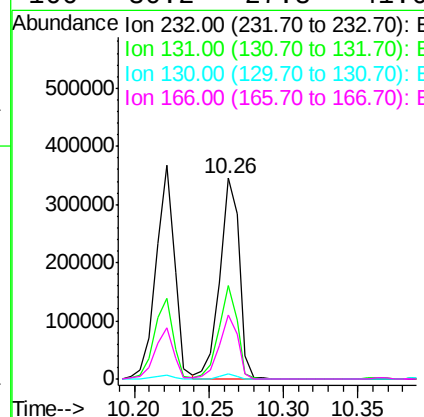
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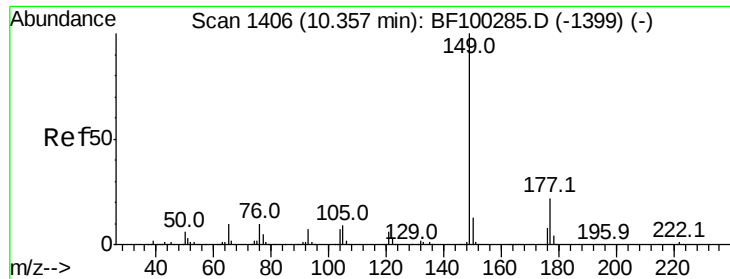
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.379 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:232 Resp: 318332
 Ion Ratio Lower Upper
 232 100
 131 43.5 43.8 65.8#
 130 2.2 2.1 3.1
 166 30.2 27.8 41.6





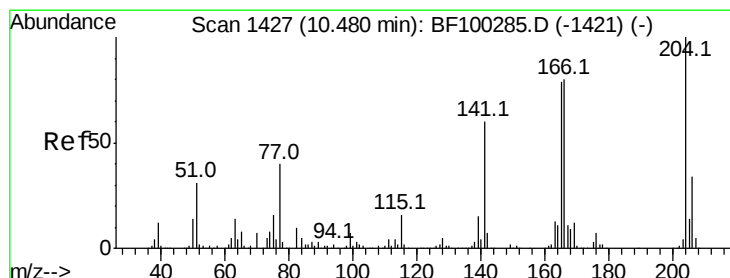
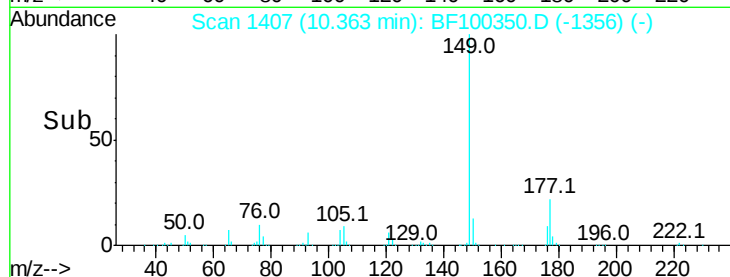
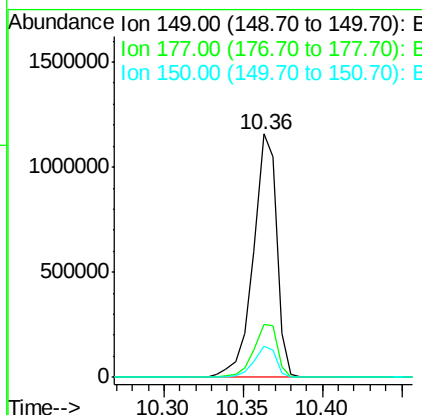
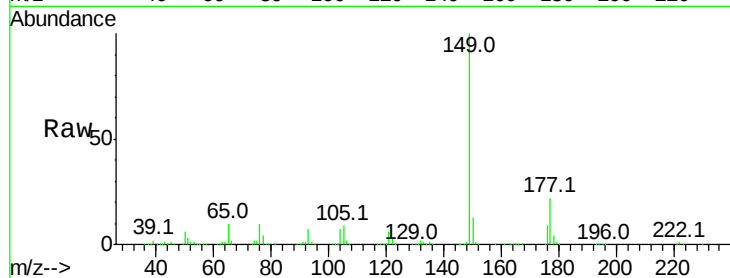
#59
Diethylphthalate
Concen: 46.523 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampled :
PB104087BS

Tot Ion:149 Resp: 1187706
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.7 10.1 15.1

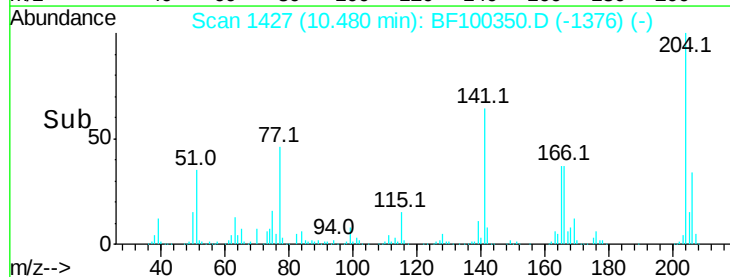
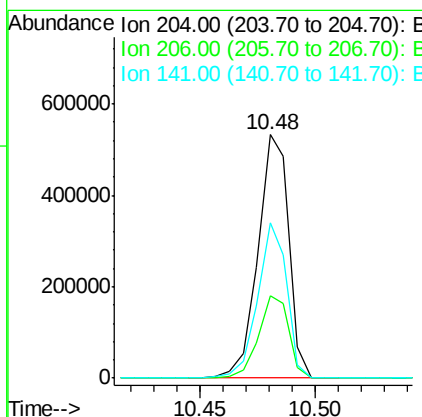
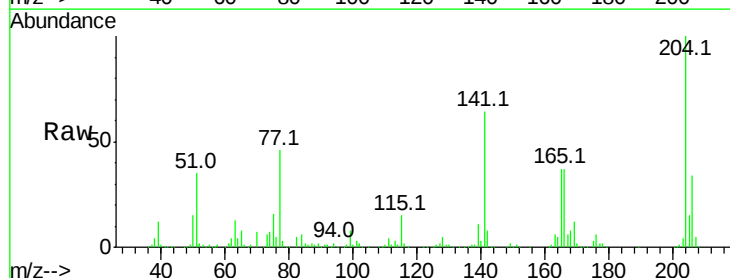
Manual Integrations
APPROVED

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11/10/2017 1:15:09 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.458 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:204 Resp: 494453
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 63.6 54.6 81.8





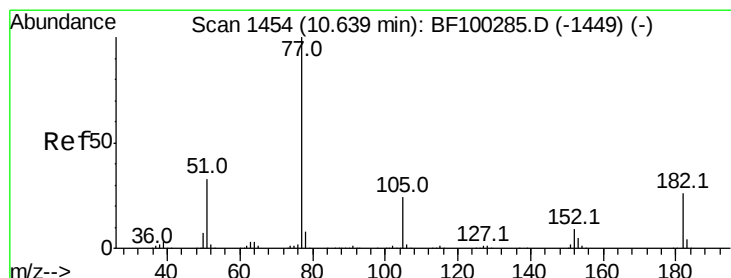
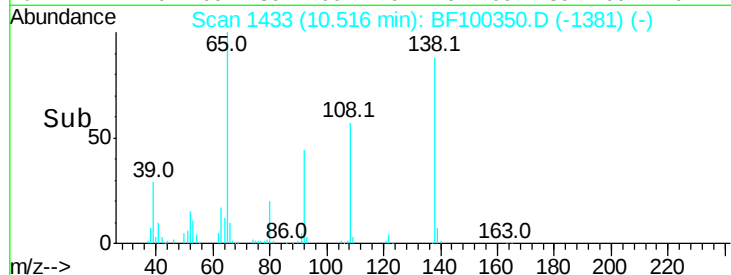
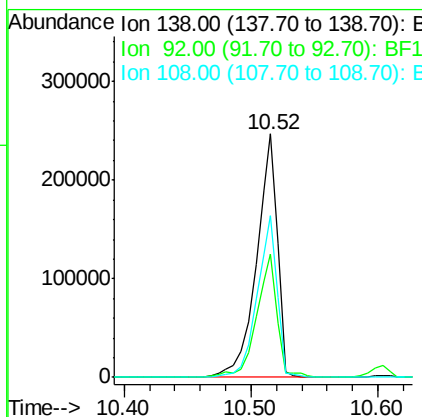
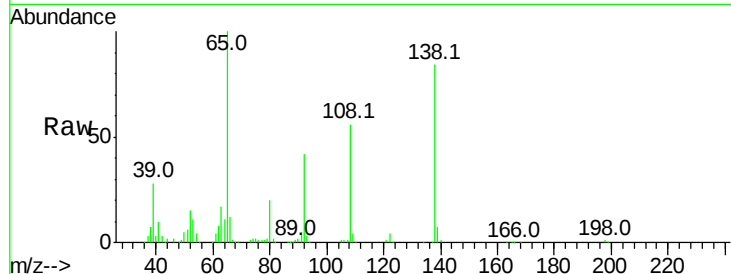
#61
4-Nitroaniline
Concen: 50.347 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.2	70.2
108	66.3	52.5	92.5

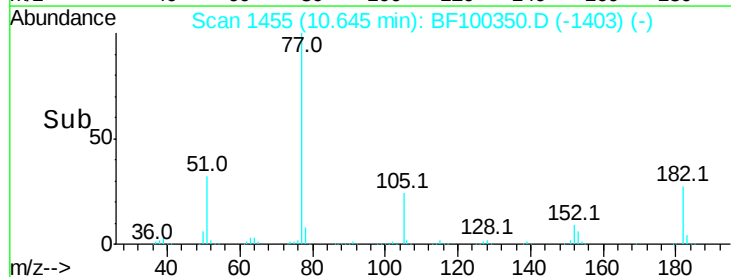
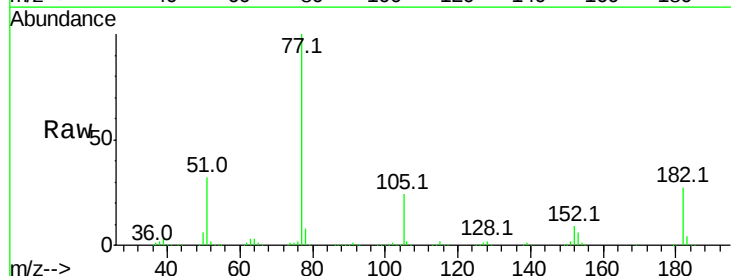
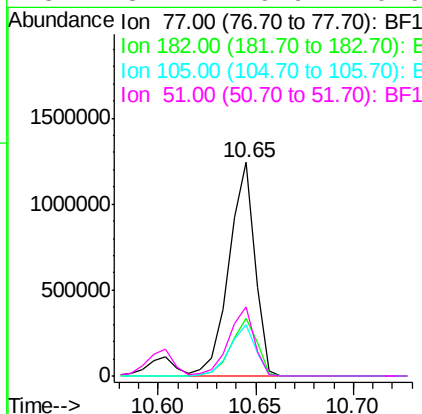
Manual Integrations
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#62
Azobenzene
Concen: 47.532 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.9	1.7	41.7
105	24.2	3.0	43.0
51	32.2	9.9	49.9





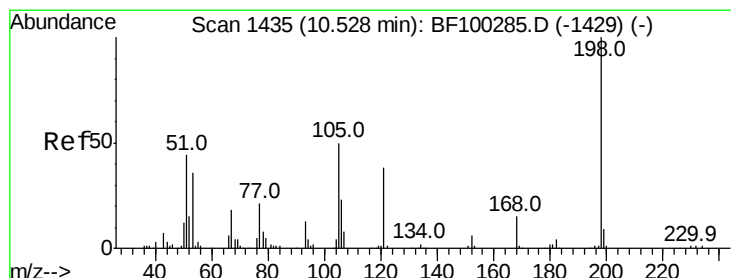
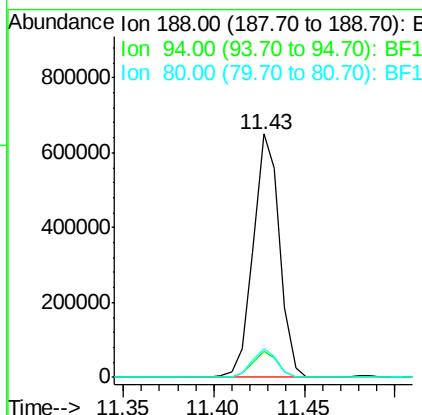
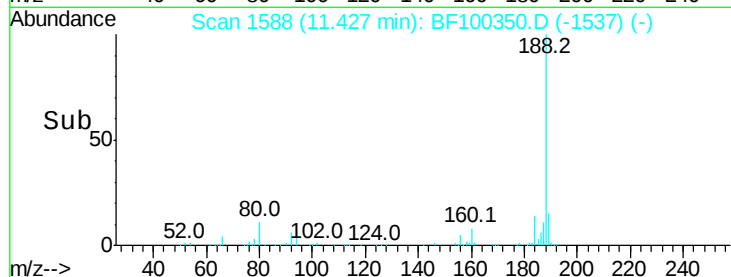
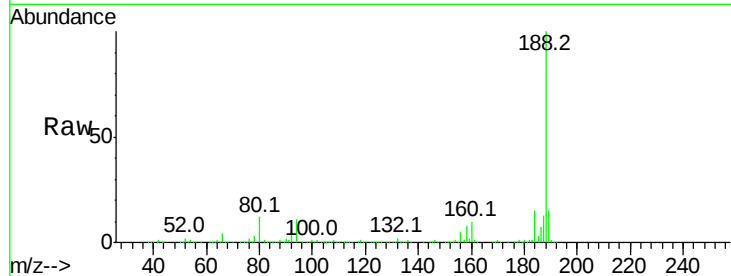
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	653053		
94	10.7		8.5	12.7
80	11.6		9.2	13.8

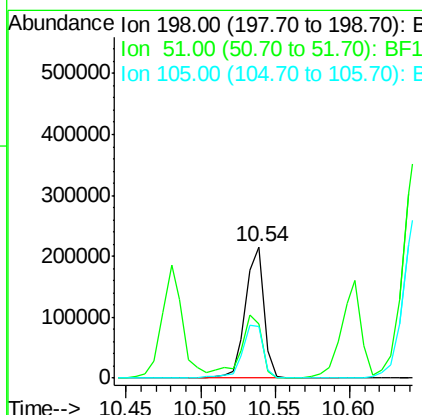
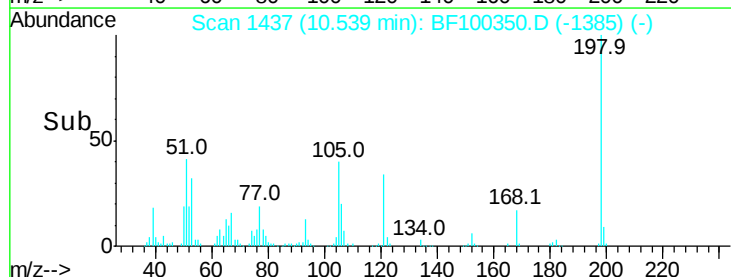
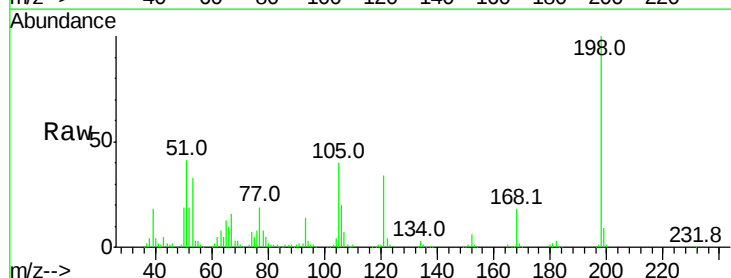
Manual Integrations
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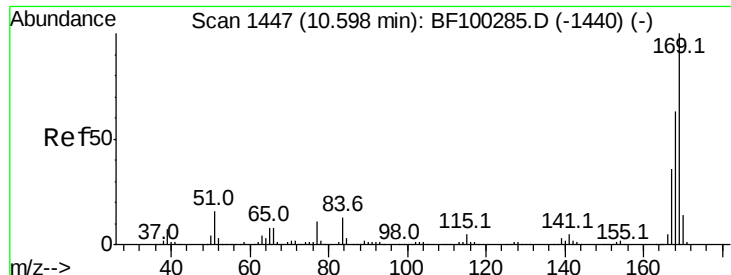
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 54.886 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	185915		
51	41.4		37.7	77.7
105	39.6		36.3	76.3





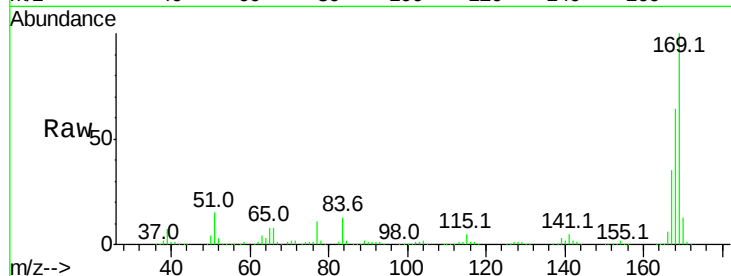
#65
n-Nitrosodiphenylamine
Concen: 44.443 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

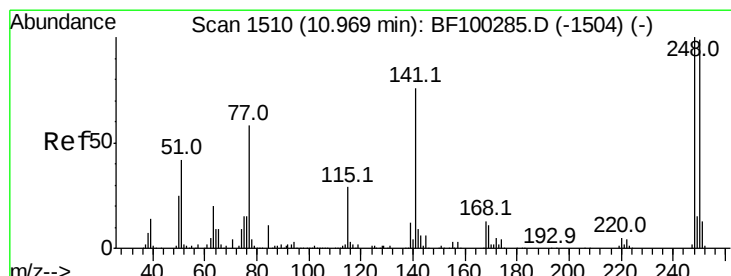
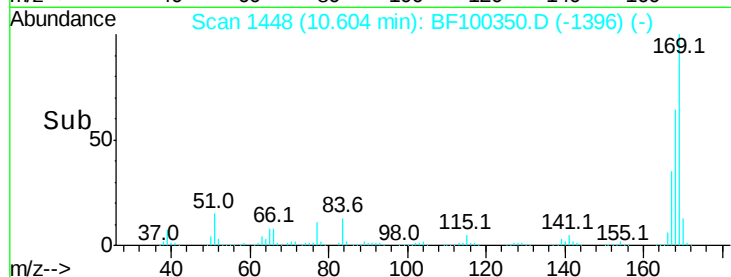
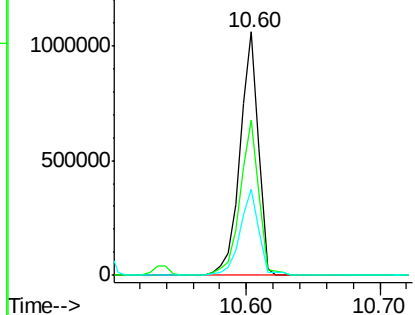
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.7	54.4	81.6
167	35.5	29.8	44.6

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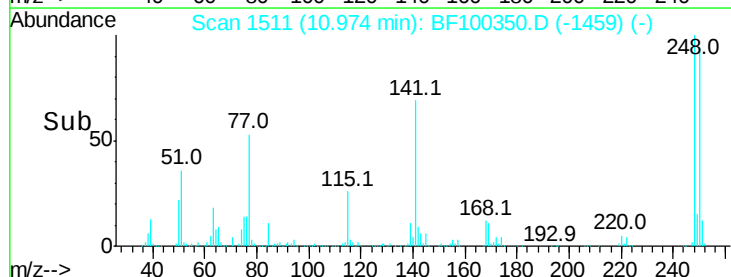
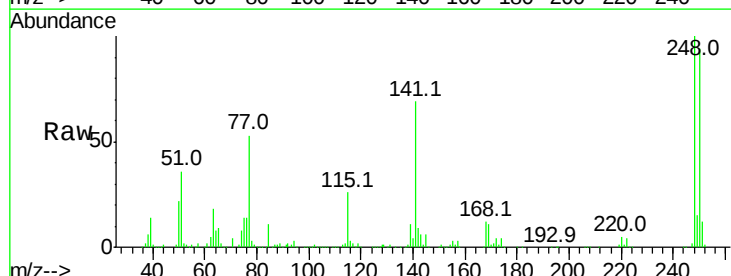
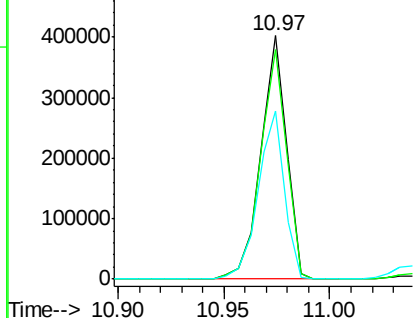
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

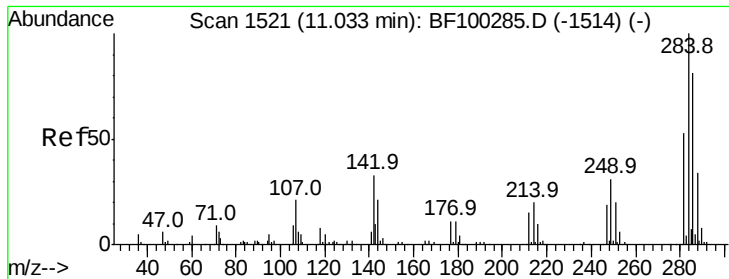


#66
4-Bromophenyl-phenylether
Concen: 48.732 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.1	76.9	115.3
141	69.3	74.4	111.6#

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





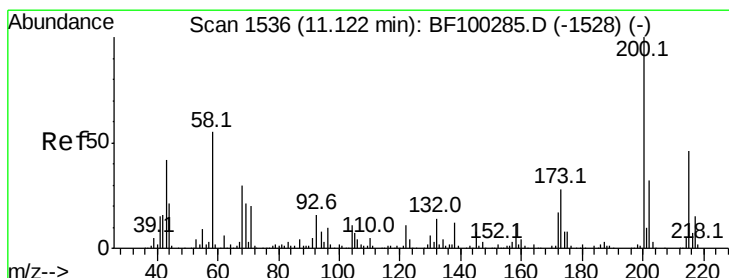
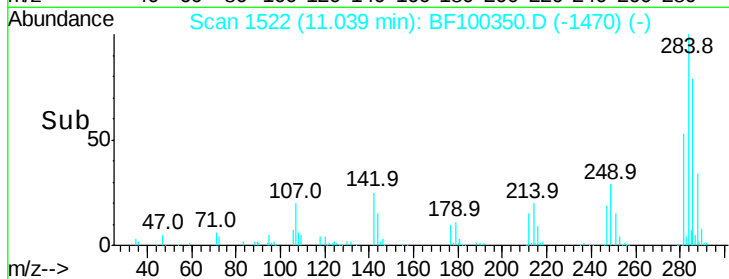
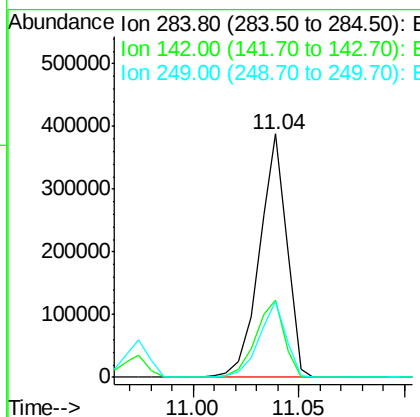
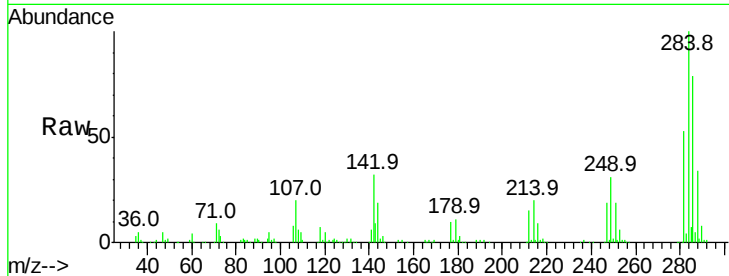
#67
Hexachlorobenzene
Concen: 47.700 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.0	34.6	52.0	
249	31.1	24.8	37.2	

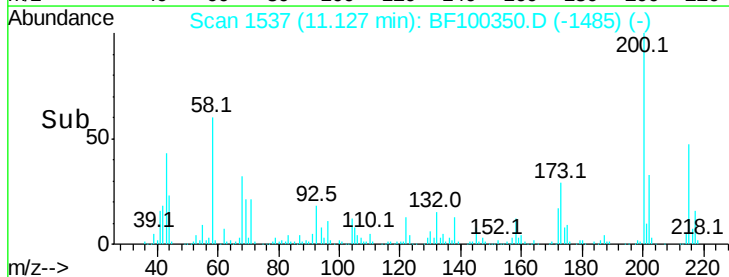
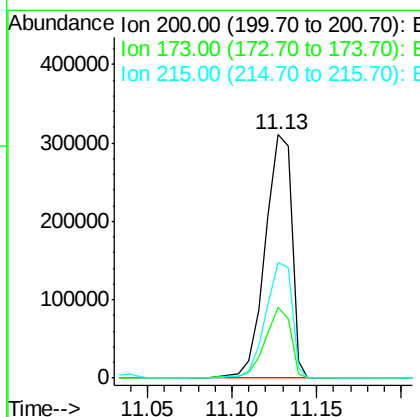
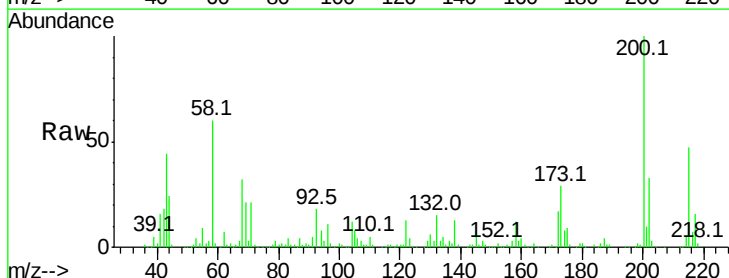
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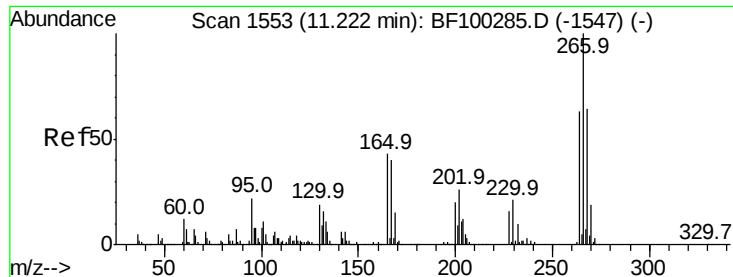
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#68
Atrazine
Concen: 49.046 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.2	8.6	48.6	
215	47.5	25.1	65.1	





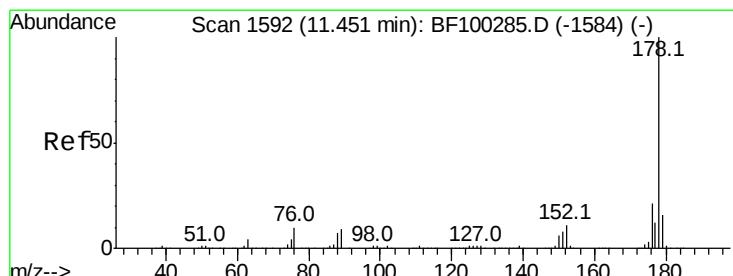
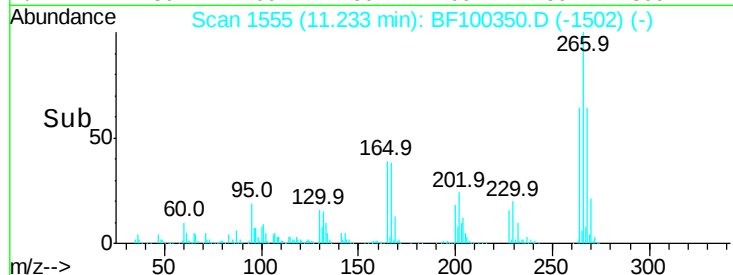
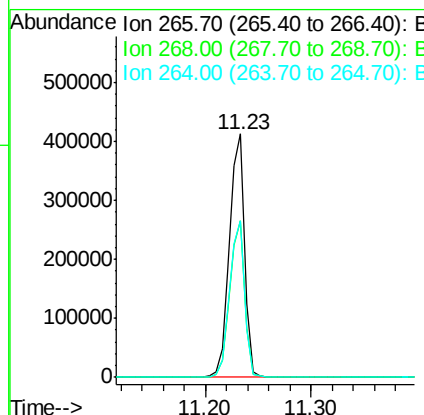
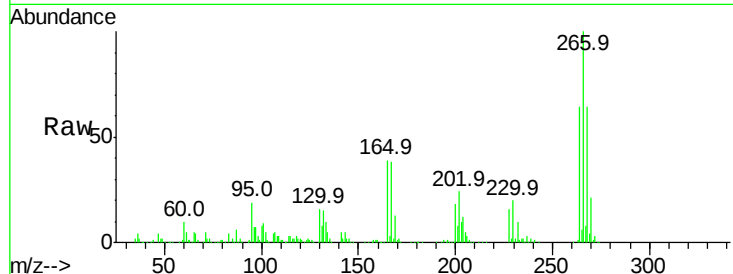
#69
 Pentachlorophenol
 Concen: 77.723 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.2	51.1	76.7	
264	64.2	49.5	74.3	

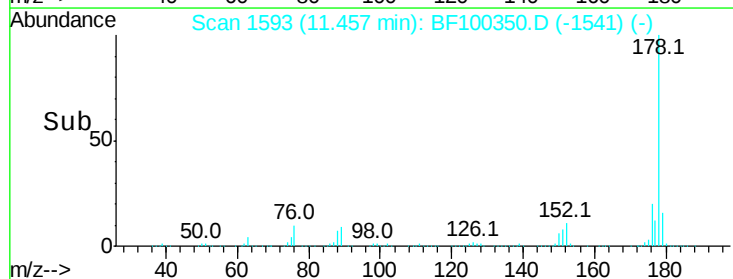
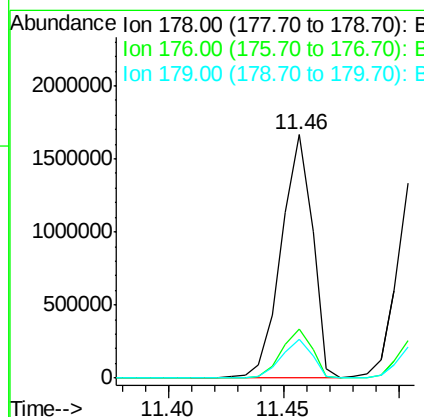
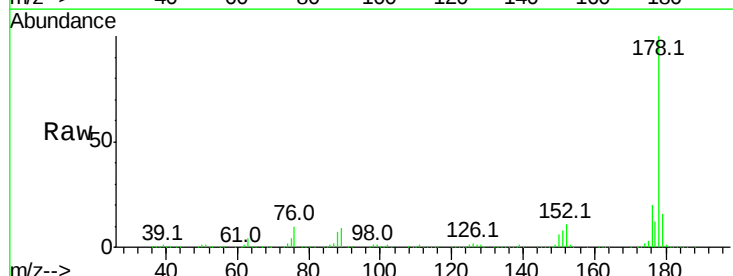
Manual Integrations
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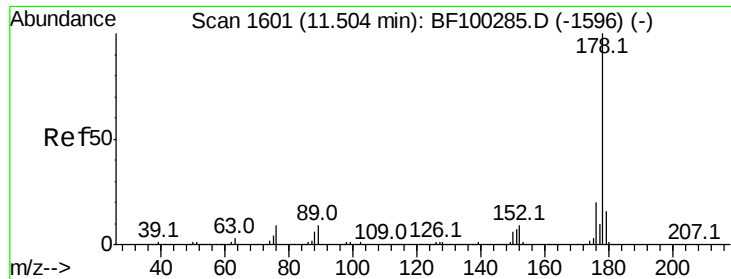
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#70
 Phenanthrene
 Concen: 45.344 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

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





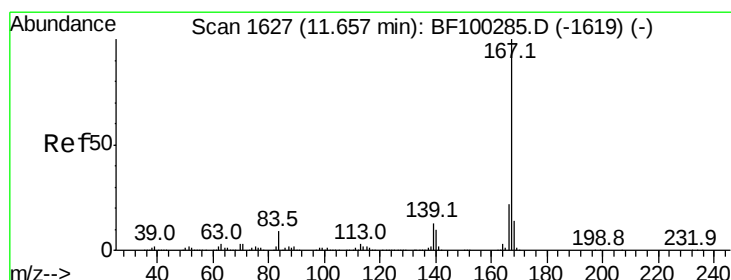
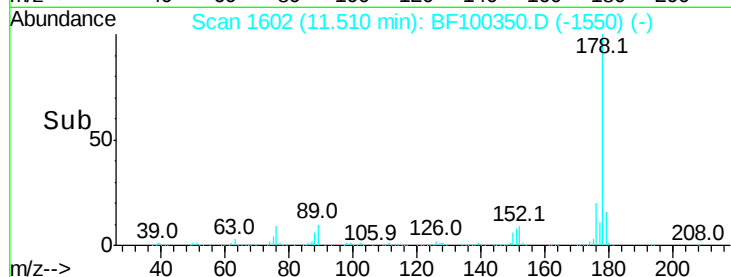
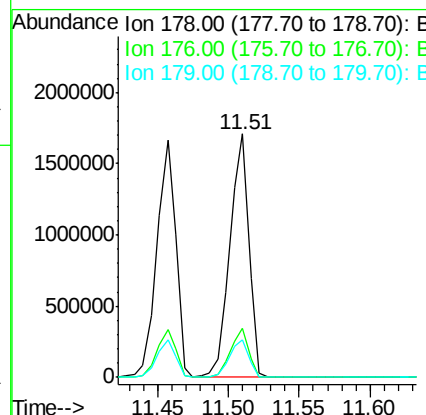
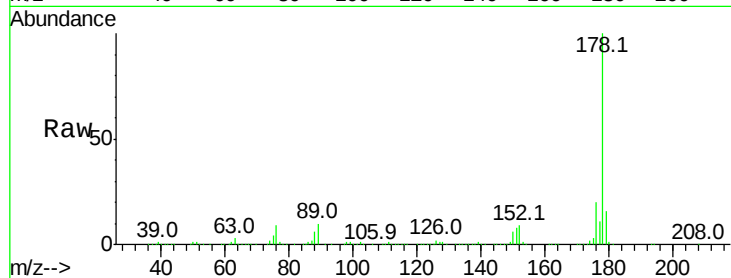
#71
 Anthracene
 Concen: 45.912 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.7	12.6	19.0

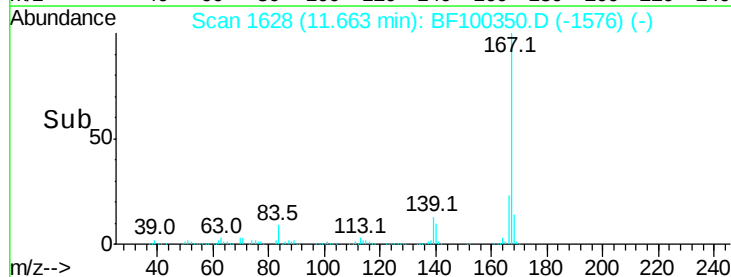
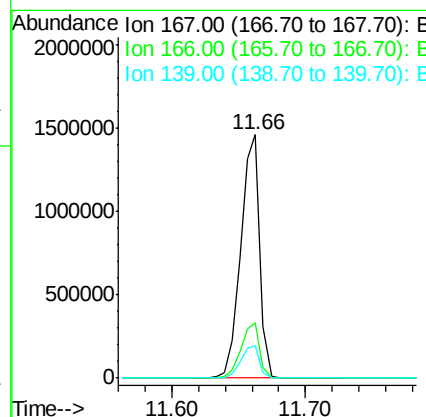
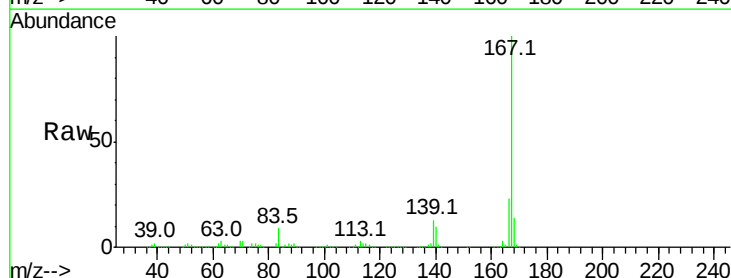
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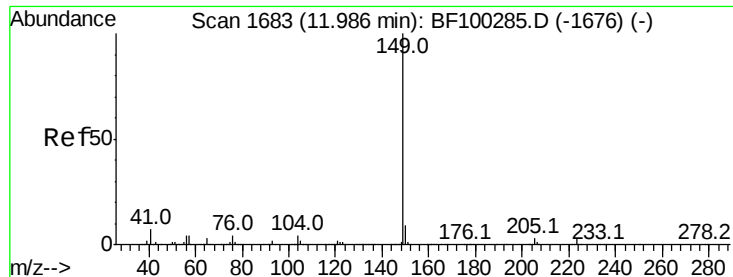
Sohil
 11/10/2017 1:15:09 PM



#72
 Carbazole
 Concen: 44.855 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 47.424 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB104087BS

Tot Ion:149 Resp: 1786370

Ion Ratio Lower Upper

149 100

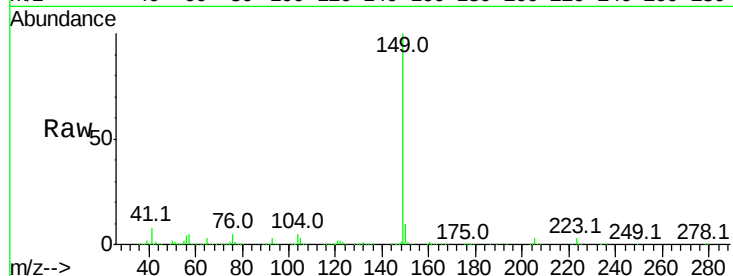
150 9.7 7.8 11.6

104 4.8 3.8 5.8

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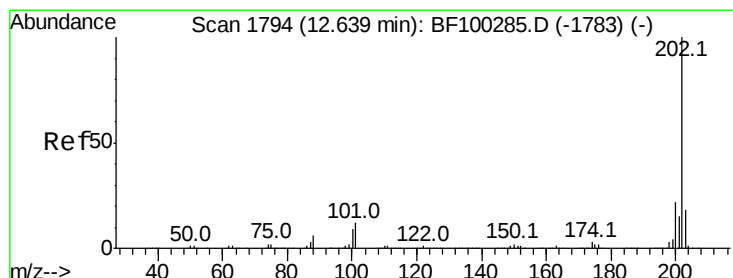
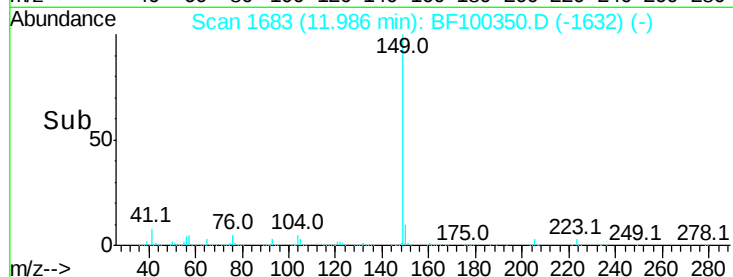
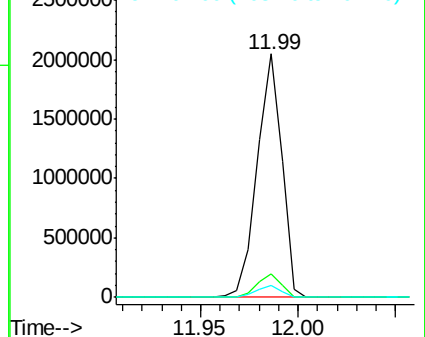
11/10/2017 1:15:09 PM



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: 44.673 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

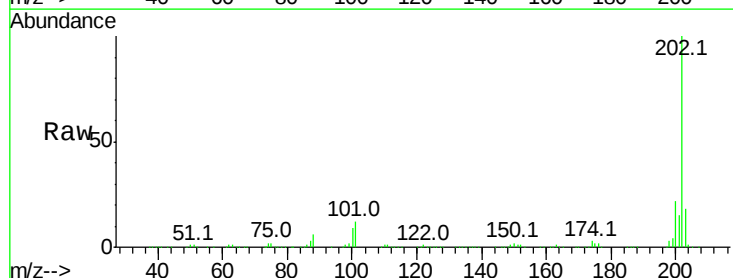
Tgt Ion:202 Resp: 1627906

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

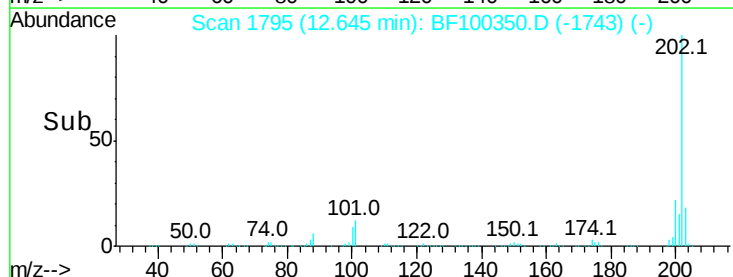
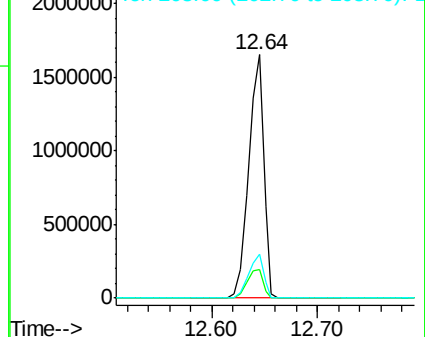
203 17.9 0.0 38.1

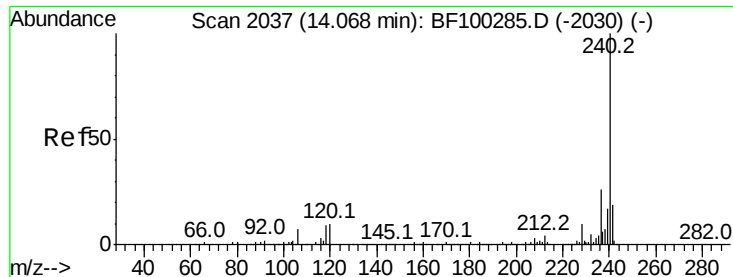


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

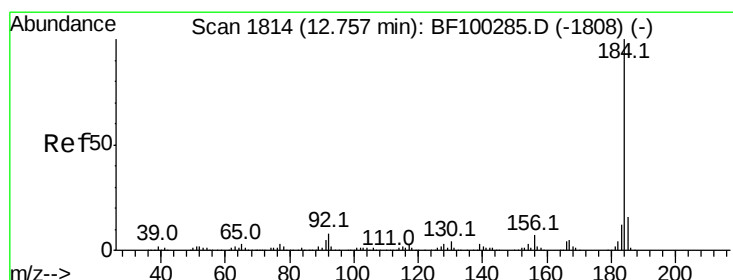
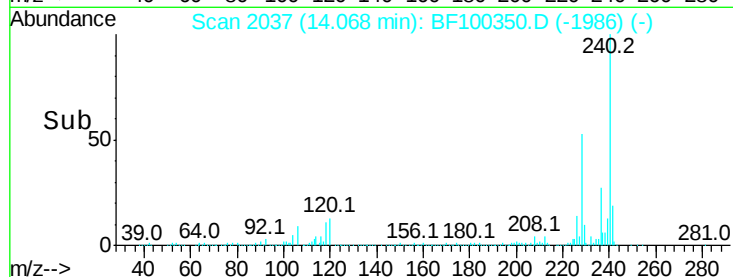
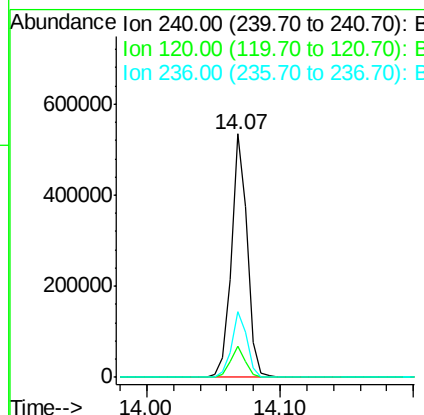
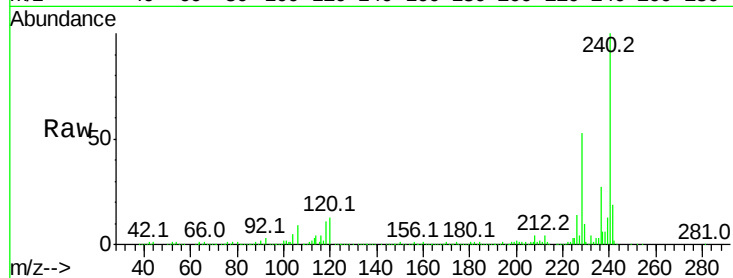
ClientSampleId :

PB104087BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.9	20.7	31.1

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#76

Benzidine

Concen: 28.852 ng

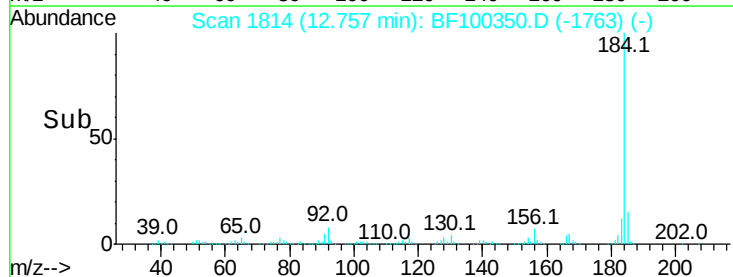
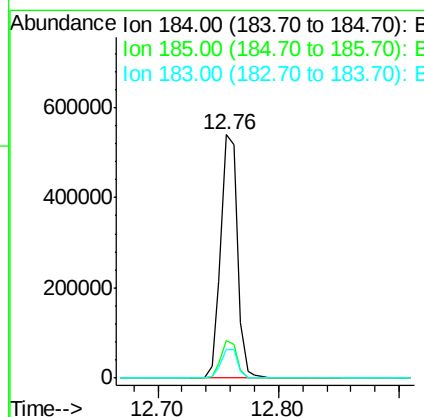
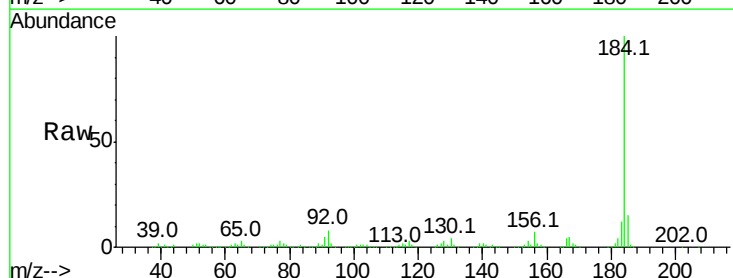
RT: 12.76 min Scan# 1814

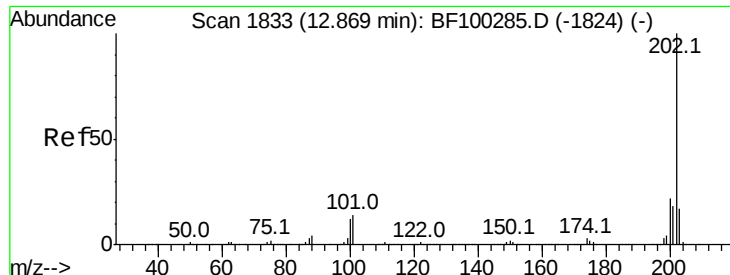
Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	18.8
183	11.6	9.3	13.9





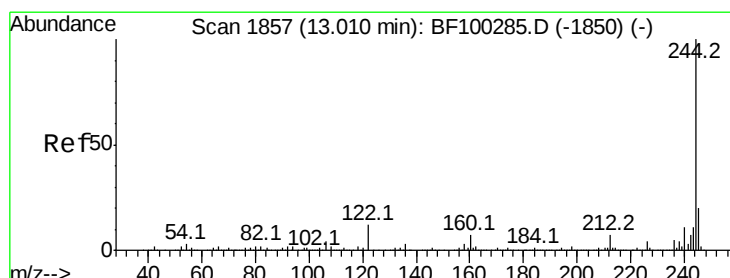
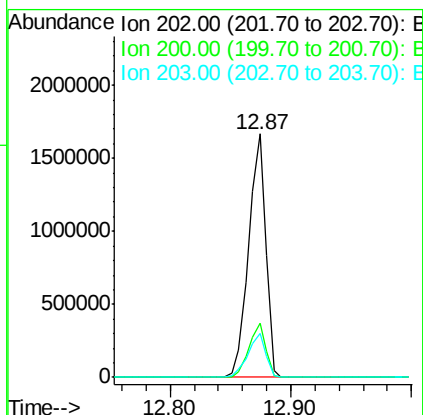
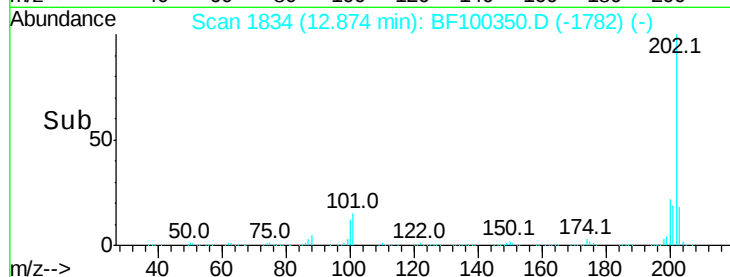
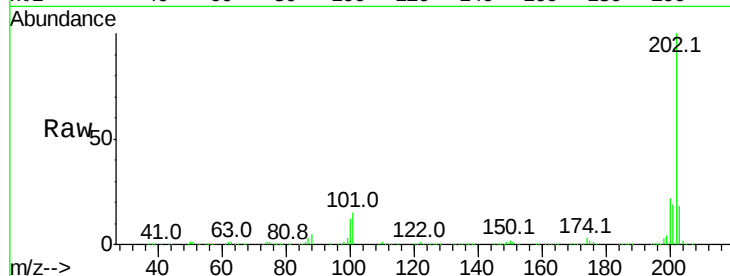
#77
Pvrene
Concen: 52.371 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion:202 Resp: 1668533
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.9 14.3 21.5

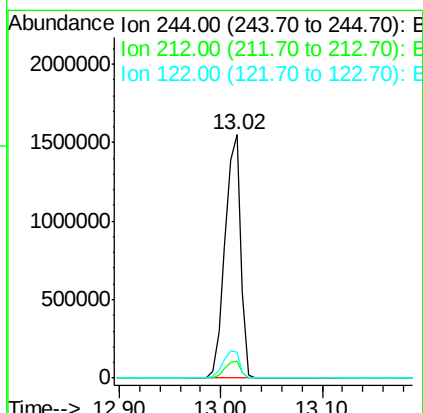
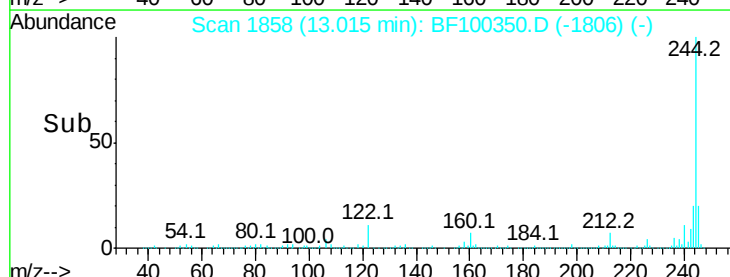
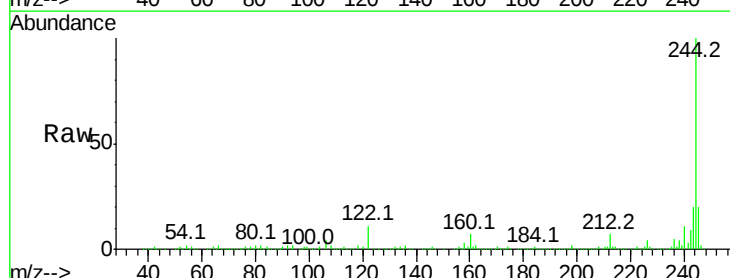
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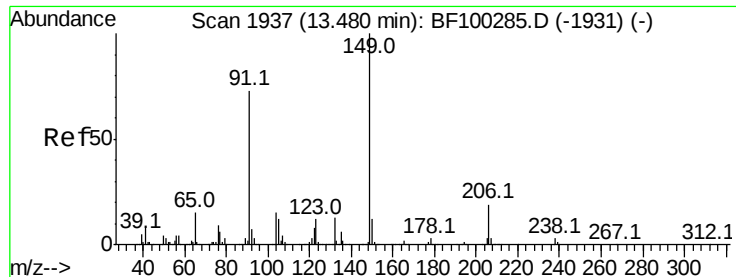
Sohil
11/10/2017 1:15:09 PM



#78
Terphenyl-d14
Concen: 85.380 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:244 Resp: 1660797
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 10.8 11.0 16.4#





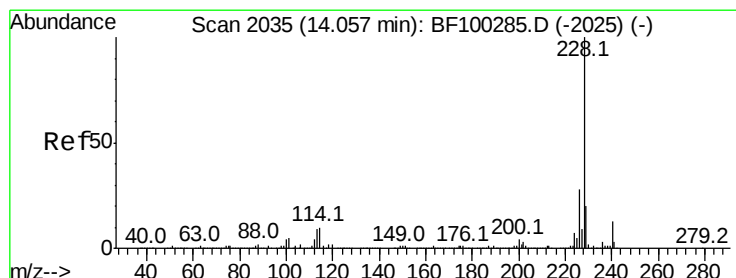
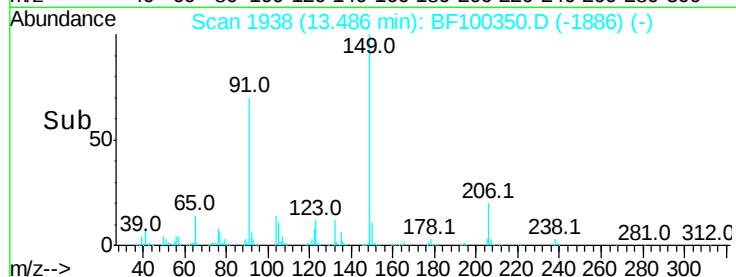
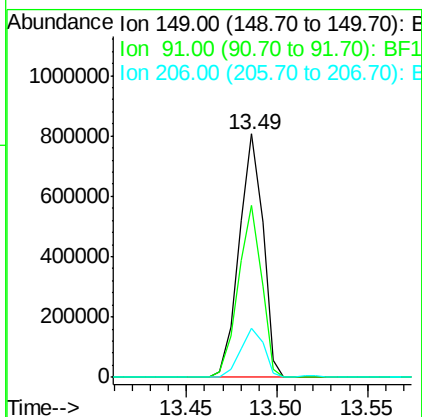
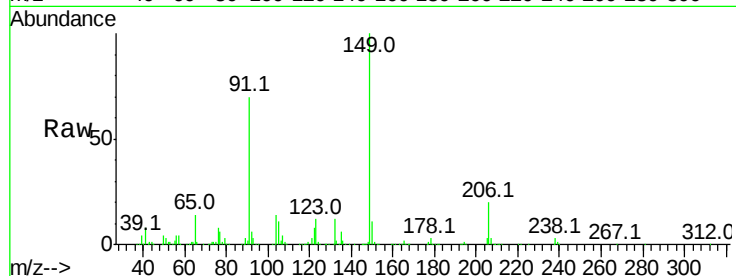
#79
Butylbenzylphthalate
Concen: 56.794 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleID :
PB104087BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.4	56.8	85.2
206	19.9	14.1	21.1

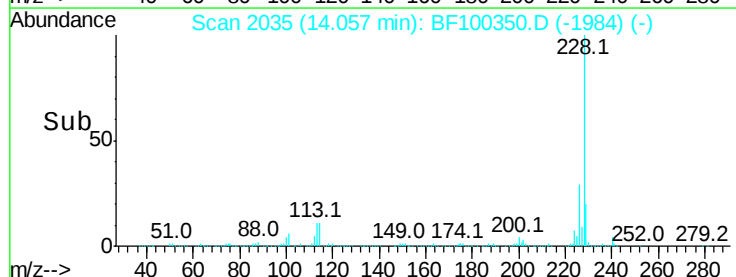
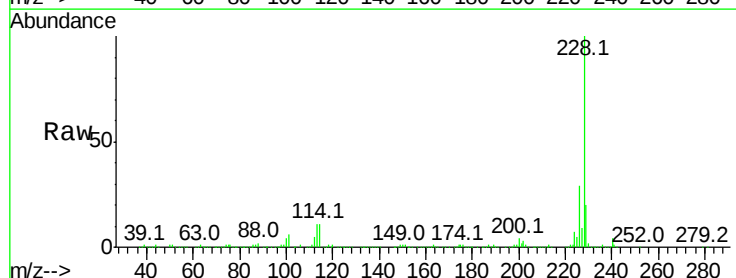
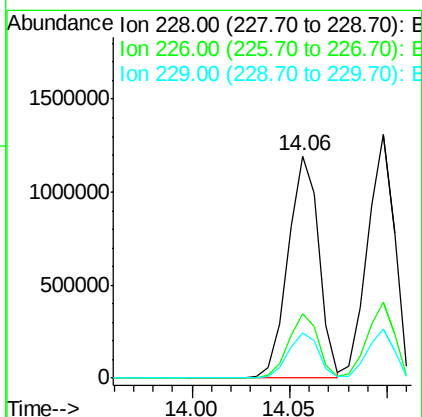
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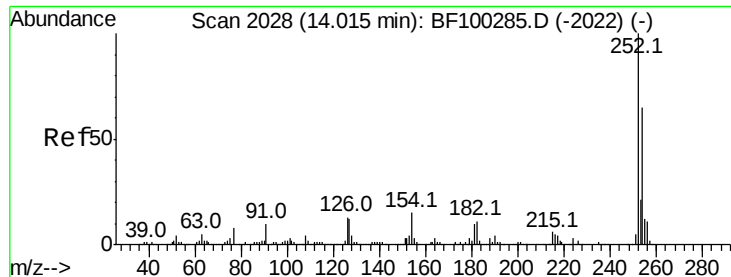
Sohil
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#80
Benzo(a)anthracene
Concen: 48.046 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.2	15.8	23.6





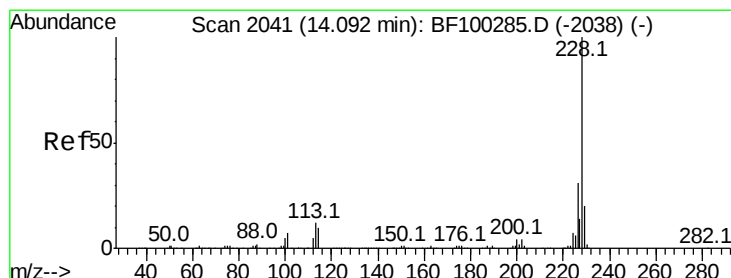
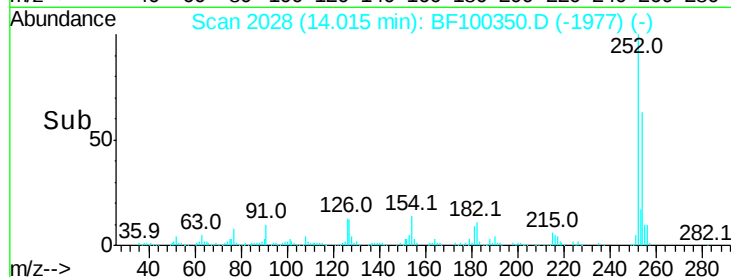
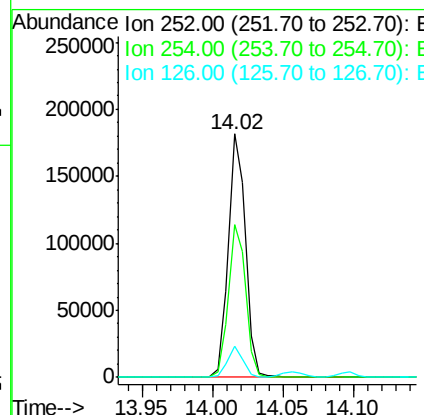
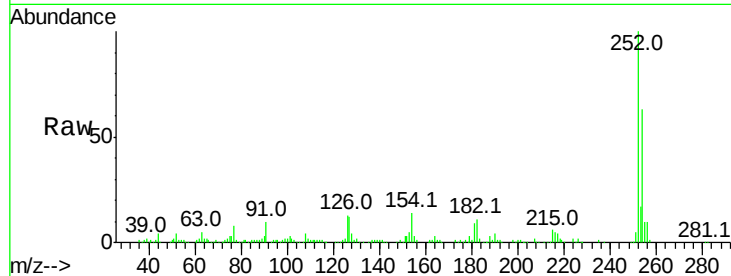
#81
 3,3'-Dichlorobenzidine
 Concen: 15.978 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleID :
 PB104087BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	12.6	11.3	16.9

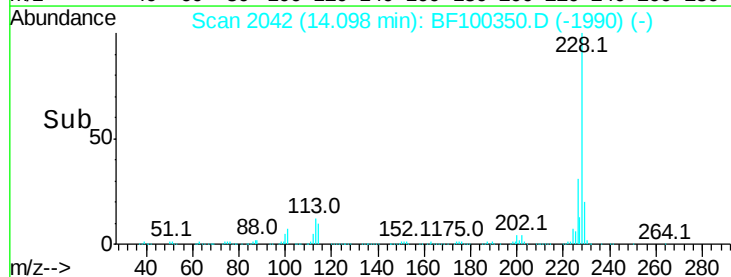
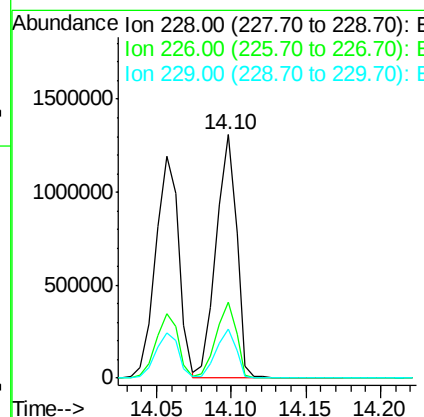
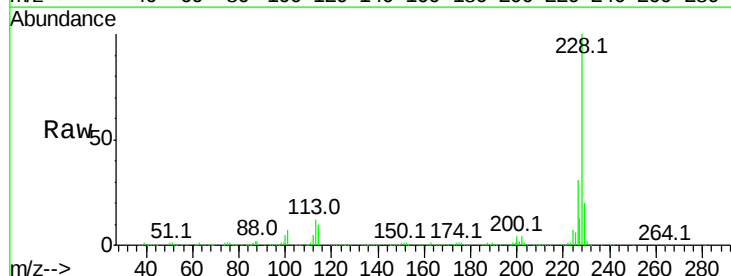
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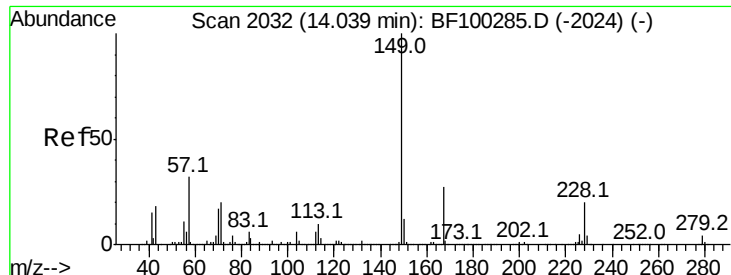
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#82
 Chrysene
 Concen: 48.142 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.0	16.2	24.4





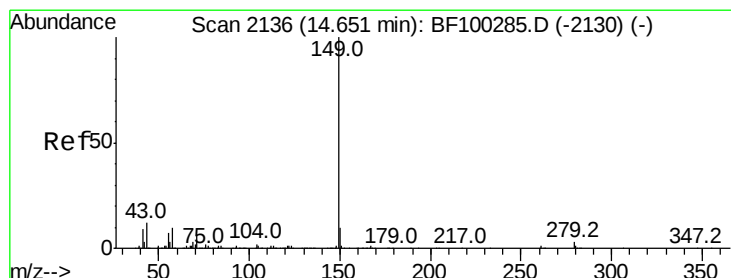
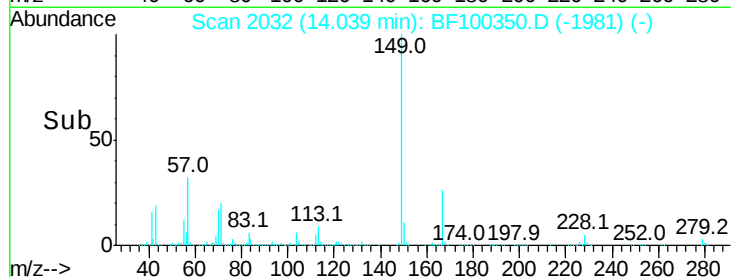
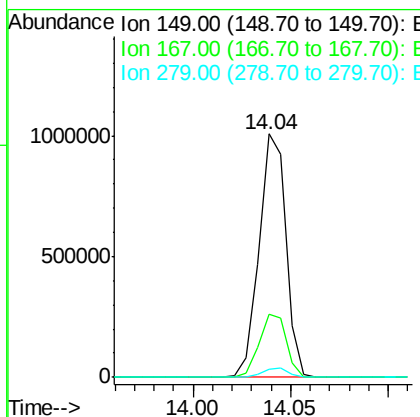
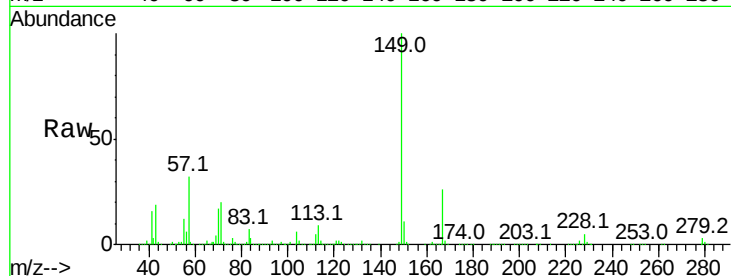
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.113 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	958900		
167	25.7		21.3	31.9
279	3.3		3.0	4.4

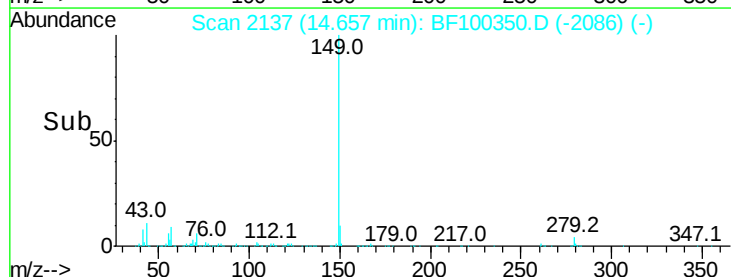
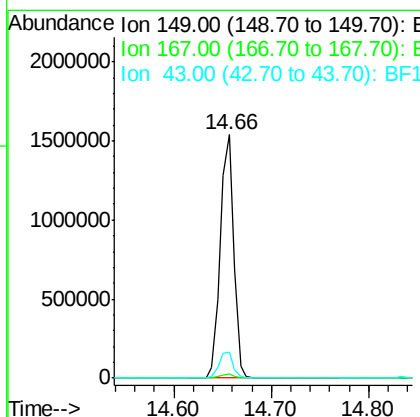
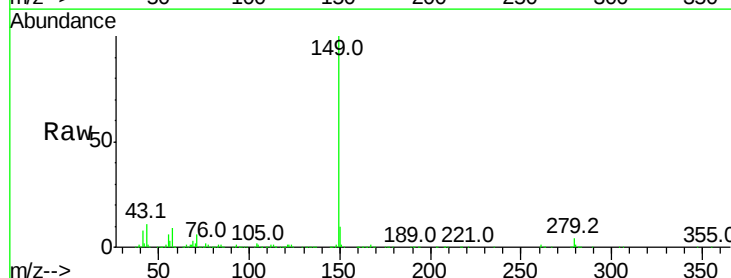
Manual Integrations
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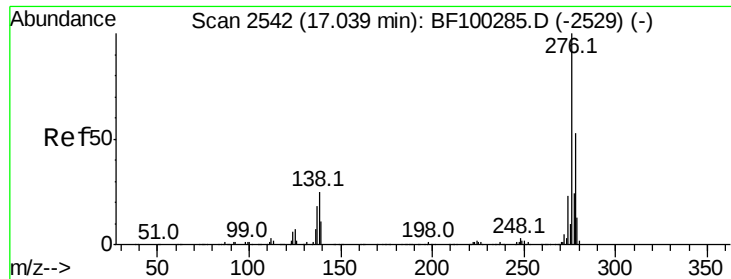
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#84
 Di-n-octyl phthalate
 Concen: 50.231 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1474633		
167	1.6		1.2	1.8
43	11.0		8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.594 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

PB104087BS

Tot Ion:276 Resp: 1087672

Ion Ratio Lower Upper

276 100

138 27.8 25.0 37.6

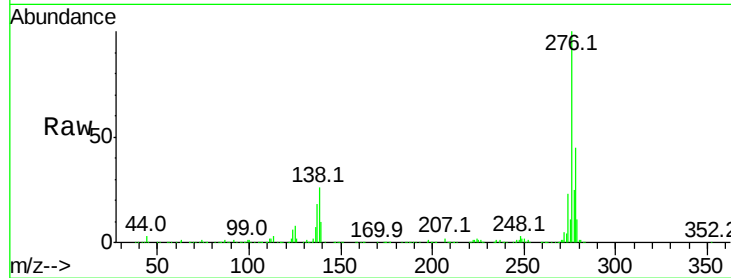
277 25.4 20.1 30.1

Manual Integrations

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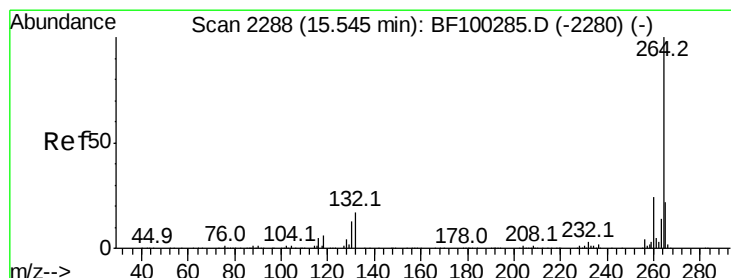
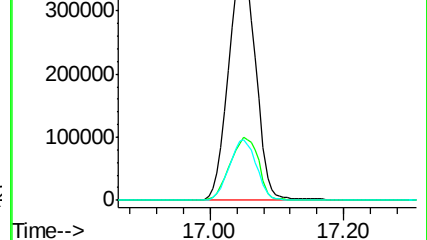
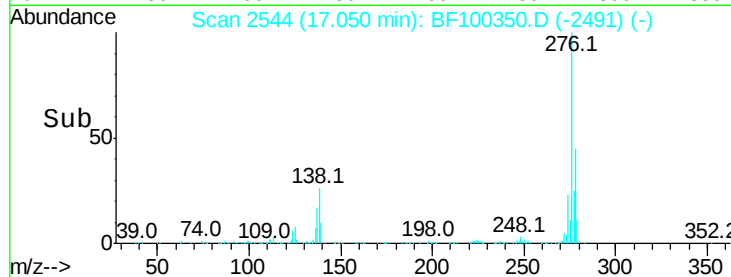
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

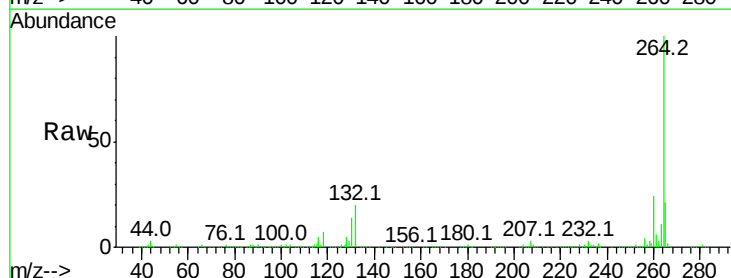
Tgt Ion:264 Resp: 367931

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

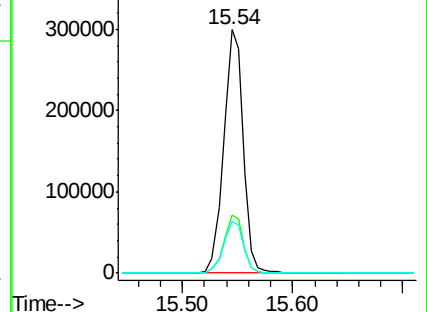
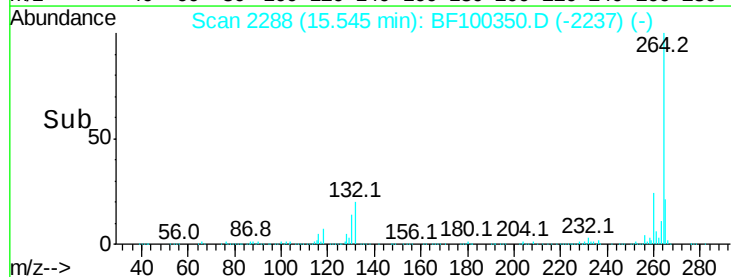
265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





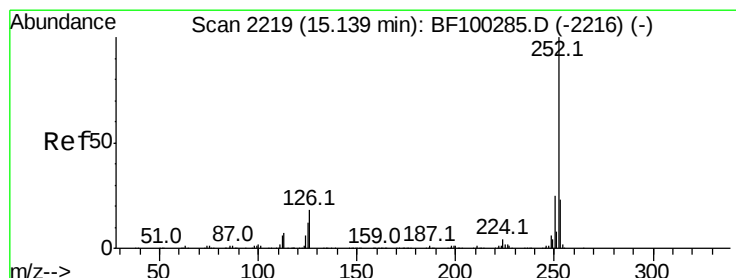
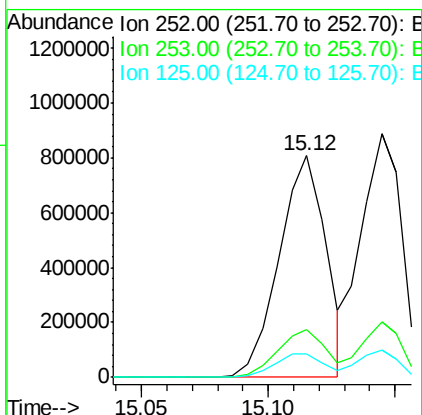
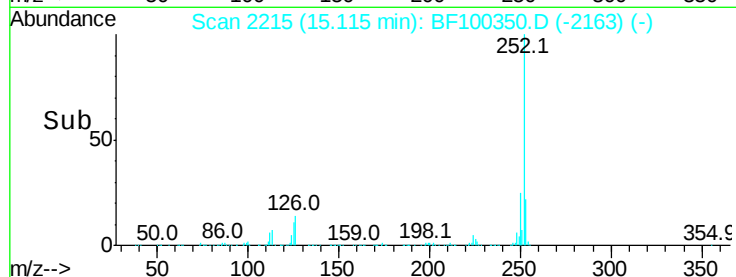
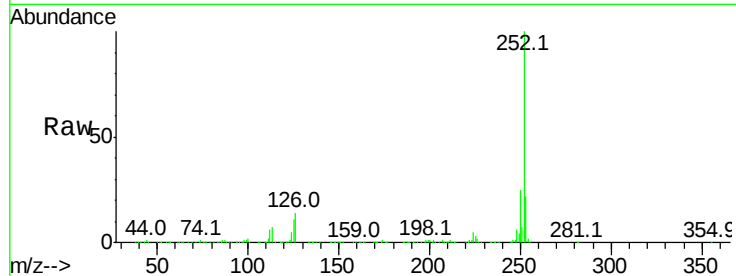
#87
Benzo(b)fluoranthene
Concen: 47.756 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	10.8	9.0	13.6

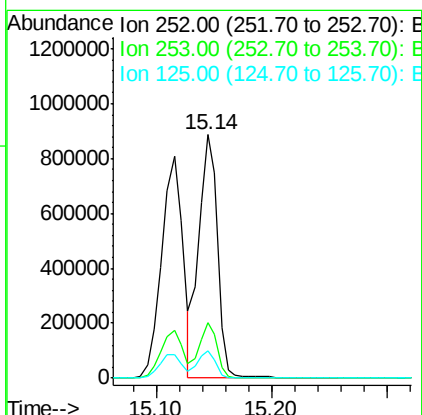
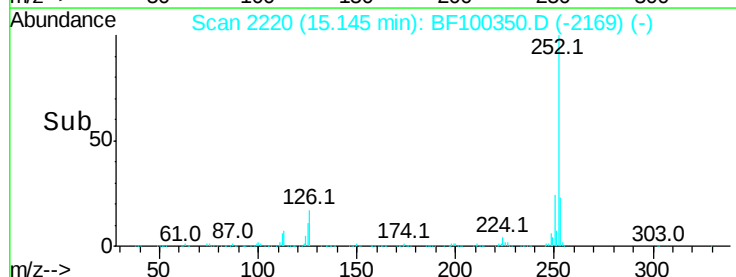
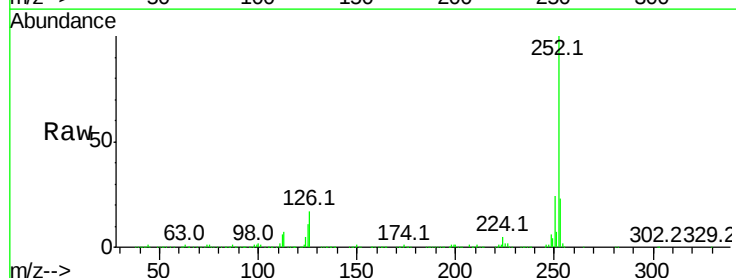
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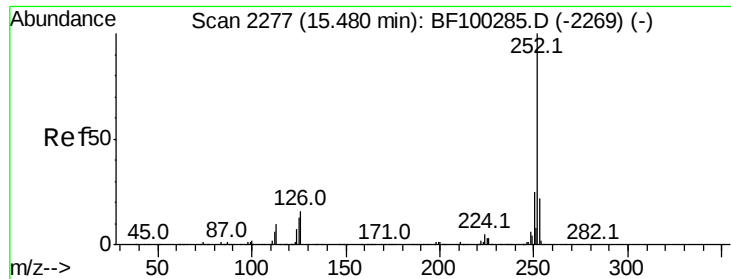
Sohil
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#88
Benzo(k)fluoranthene
Concen: 49.032 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.4	10.2	15.2





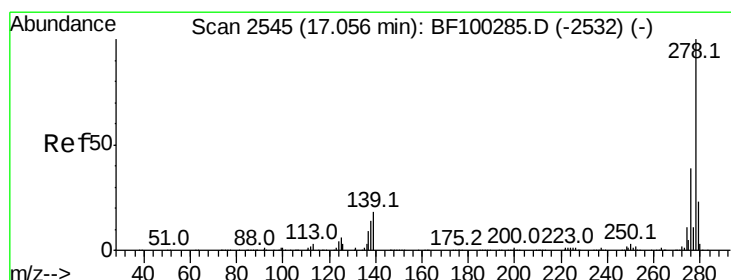
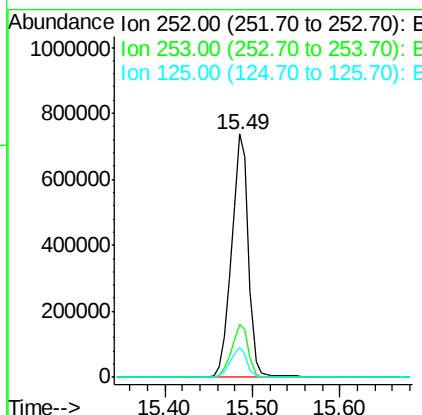
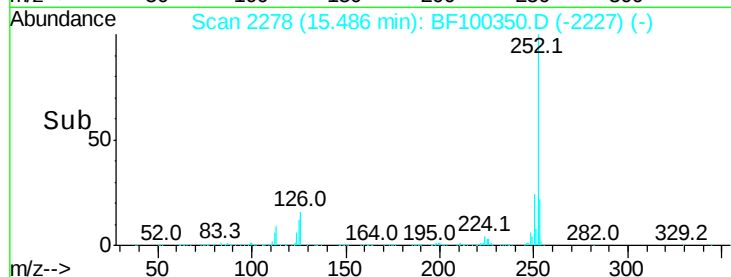
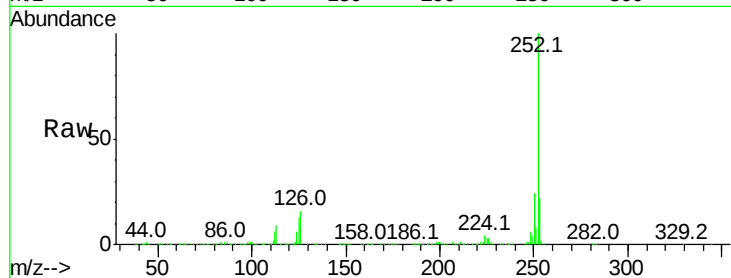
#89
Benzo(a)pyrene
Concen: 50.107 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :
PB104087BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.5	9.8	14.6

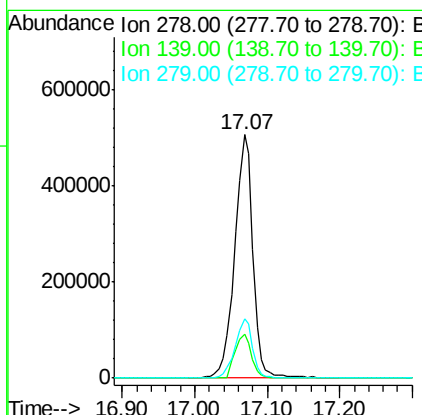
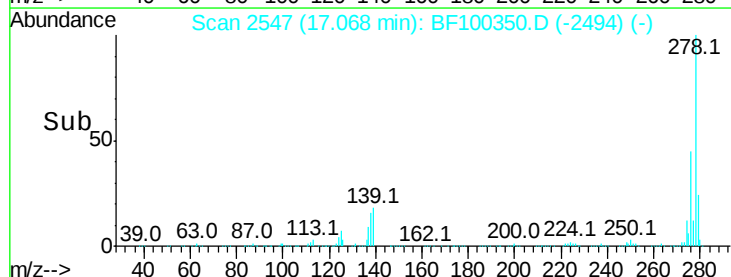
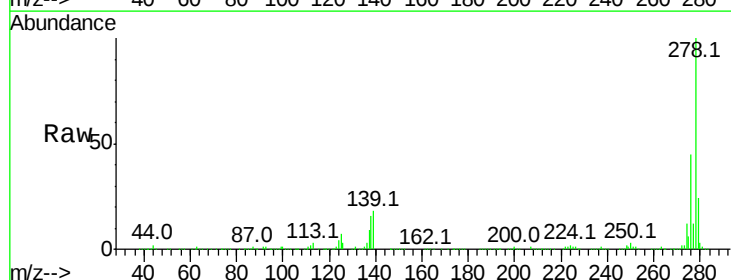
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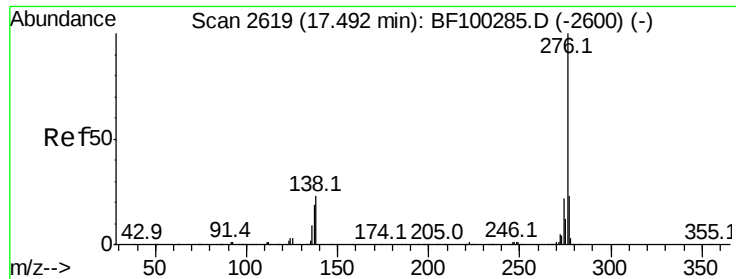
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 56.157 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 61.068 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.02 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PB104087BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.9	21.8	32.8

Manual Integrations
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