

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100472.D
 Acq On : 12 Nov 2017 6:36
 Operator : SJ/JU
 Sample : PB104195BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:54:02 PM

Quant Time: Nov 13 06:01:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132321	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	514358	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	217466	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	344959	20.00	ng	0.00
75) Chrysene-d12	14.06	240	263972	20.00	ng	0.00
86) Perylene-d12	15.54	264	198298	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	527214	63.87	ng	0.00
7) Phenol-d6	6.52	99	648715	63.73	ng	0.00
23) Nitrobenzene-d5	7.46	82	572827	73.63	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	127915	57.72	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1035317	72.49	ng	0.00
78) Terphenyl-d14	13.01	244	693341	60.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	107330	26.681	ng	94
3) Pyridine	3.54	79	303739	27.675	ng	97
4) n-Nitrosodimethylamine	3.49	42	143339	26.900	ng	98
6) Aniline	6.56	93	82422	5.731	ng	96
8) 2-Chlorophenol	6.69	128	281822	32.272	ng	99
9) Benzaldehyde	6.45	77	139369	19.172	ng	98
10) Phenol	6.54	94	334646	31.317	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	269547	30.031	ng	95
12) 1,3-Dichlorobenzene	6.85	146	310569	30.847	ng	97
13) 1,4-Dichlorobenzene	6.92	146	312557	30.673	ng	96
14) 1,2-Dichlorobenzene	7.07	146	291587	30.949	ng	96
15) Benzyl Alcohol	7.04	79	236452	29.764	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	485468	33.817	ng	98
17) 2-Methylphenol	7.15	107	238116	31.908	ng	98
18) Hexachloroethane	7.42	117	86264	25.675	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	195595	27.708	ng	94
20) 3+4-Methylphenols	7.30	107	290411	30.753	ng	92
22) Acetophenone	7.31	105	373506	29.779	ng	# 97
24) Nitrobenzene	7.48	77	294020	36.718	ng	97
25) Isophorone	7.72	82	531455	32.507	ng	100
26) 2-Nitrophenol	7.80	139	113679	32.265	ng	99
27) 2,4-Dimethylphenol	7.83	122	259751	35.442	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	342636	32.040	ng	99
29) 2,4-Dichlorophenol	8.04	162	232414	33.219	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	241920	31.966	ng	98
31) Naphthalene	8.21	128	782093	31.569	ng	100
32) Benzoic acid	7.90	122	94479m	22.919	ng	
33) 4-Chloroaniline	8.25	127	47952	4.650	ng	97
34) Hexachlorobutadiene	8.32	225	141321	31.406	ng	99
35) Caprolactam	8.62	113	65438m	27.254	ng	
36) 4-Chloro-3-methylphenol	8.73	107	234252	31.174	ng	100
37) 2-Methylnaphthalene	8.90	142	515161	31.321	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	235618	32.669	ng	# 97
40) Hexachlorocyclopentadiene	9.05	237	45821	13.499	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	150882	33.008	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	152588	32.219	nq	95
45) 1,1'-Biphenyl	9.36	154	609137	32.386	nq	98
46) 2-Chloronaphthalene	9.39	162	461060	33.790	nq	98
47) 2-Nitroaniline	9.48	65	148520	37.484	nq	95
48) Acenaphthylene	9.80	152	704833	31.170	nq	99
49) Dimethylphthalate	9.66	163	559709	33.710	nq	100
50) 2,6-Dinitrotoluene	9.72	165	112298	34.168	nq	90
51) Acenaphthene	9.97	154	411600	29.929	nq	99
52) 3-Nitroaniline	9.89	138	62756	16.170	nq	99
53) 2,4-Dinitrophenol	9.99	184	9970	16.864	nq #	18
54) Dibenzofuran	10.15	168	601876	31.225	nq	99
55) 4-Nitrophenol	10.04	139	157126	49.860	nq	95
56) 2,4-Dinitrotoluene	10.12	165	134709	32.490	nq #	94
57) Fluorene	10.49	166	433043	30.668	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	111100	28.623	nq #	87
59) Diethylphthalate	10.36	149	530518	31.929	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	223239	32.228	nq	91
61) 4-Nitroaniline	10.50	138	106203	28.859	nq	94
62) Azobenzene	10.64	77	467886	29.898	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	9500	13.050	nq	82
65) n-Nitrosodiphenylamine	10.60	169	423522	35.310	nq	97
66) 4-Bromophenyl-phenylether	10.97	248	137262	37.119	nq #	88
67) Hexachlorobenzene	11.03	284	130018	33.617	nq	92
68) Atrazine	11.12	200	132281	36.433	nq	98
69) Pentachlorophenol	11.23	266	117280	42.289	nq	98
70) Phenanthrene	11.45	178	584802	32.198	nq	99
71) Anthracene	11.50	178	592841	32.173	nq	99
72) Carbazole	11.66	167	526834	30.986	nq	99
73) Di-n-butylphthalate	11.98	149	727381	36.557	nq	99
74) Fluoranthene	12.64	202	576121	29.930	nq	97
76) Benzidine	12.76	184	233989	22.134	nq	99
77) Pyrene	12.87	202	588153	31.257	nq	99
79) Butylbenzylphthalate	13.48	149	257574	33.565	nq	97
80) Benzo(a)anthracene	14.06	228	520605	32.750	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	77994	13.694	nq #	98
82) Chrysene	14.09	228	494942	32.153	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	369342	36.594	nq	99
84) Di-n-octyl phthalate	14.65	149	623173	35.941	nq	100
85) Indeno(1,2,3-cd)pyrene	17.04	276	336208	27.003	nq	96
87) Benzo(b)fluoranthene	15.11	252	419217	35.684	nq	99
88) Benzo(k)fluoranthene	15.14	252	370364	33.365	nq	97
89) Benzo(a)pyrene	15.49	252	347346	33.350	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	282837	33.206	nq	97
91) Benzo(g,h,i)perylene	17.50	276	276033	33.106	nq	94

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

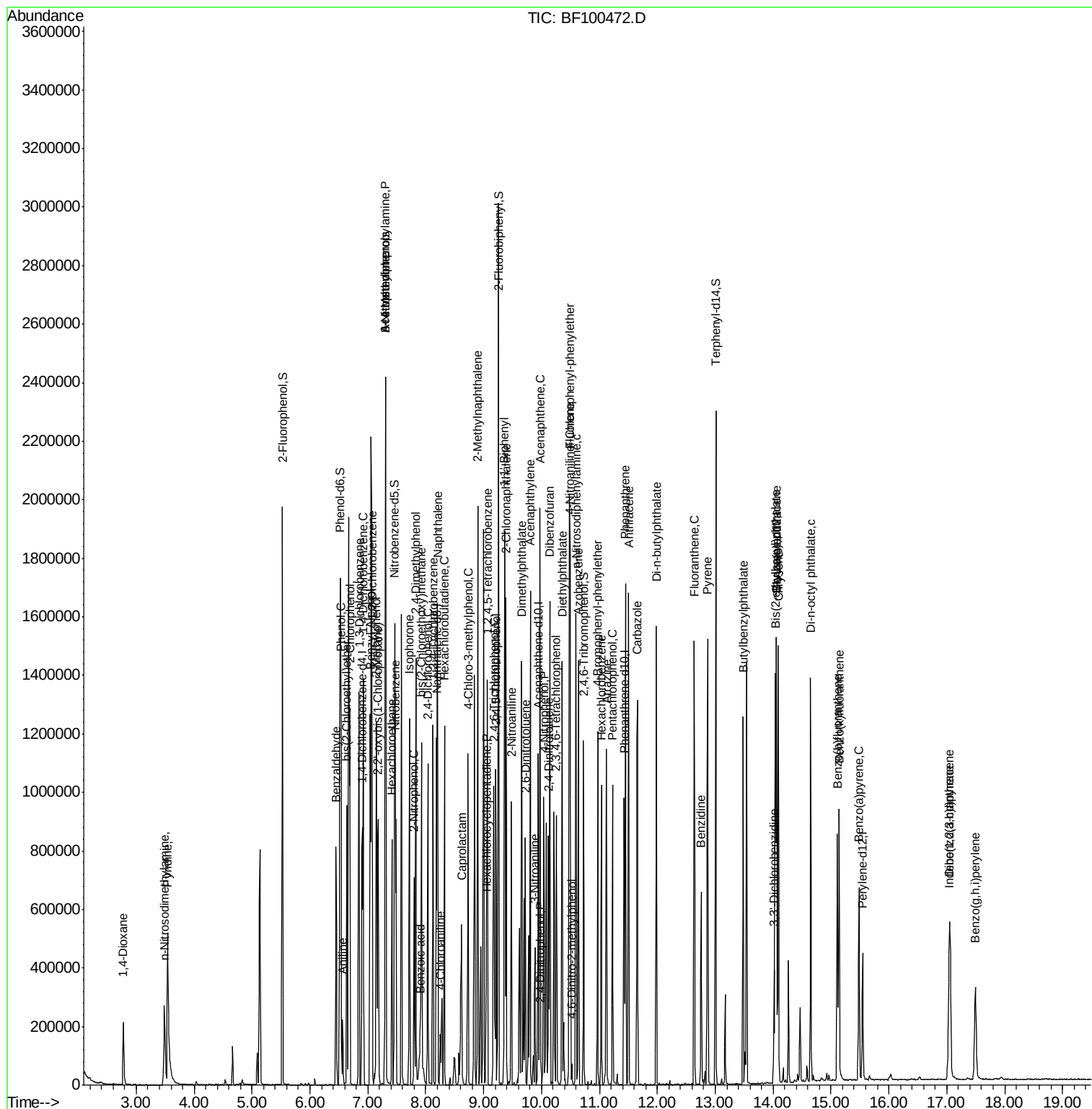
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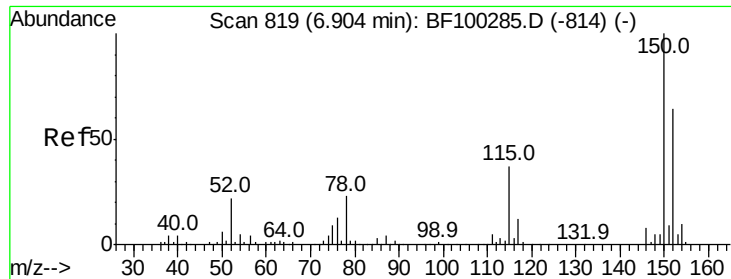
Instrument :
BNA_F
ClientSampled :
PB104195BS

Manual Integrations
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#1

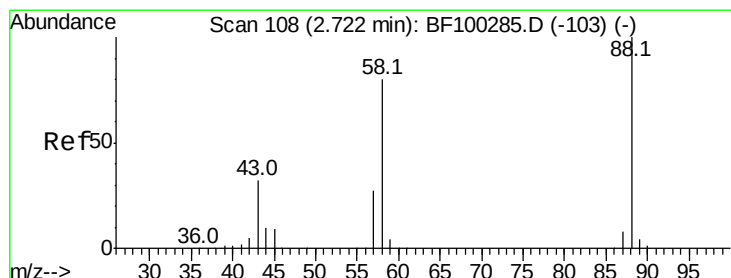
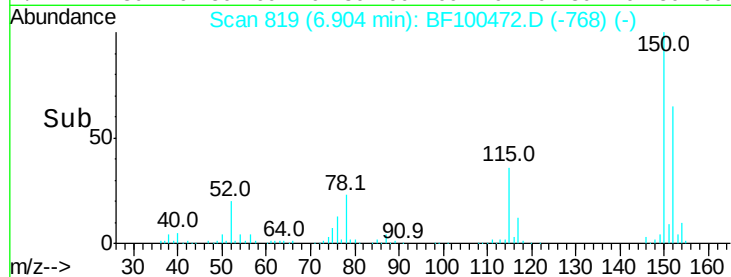
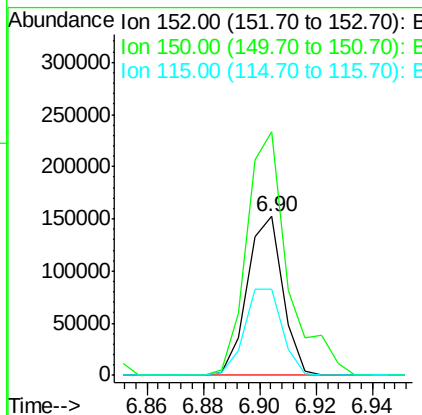
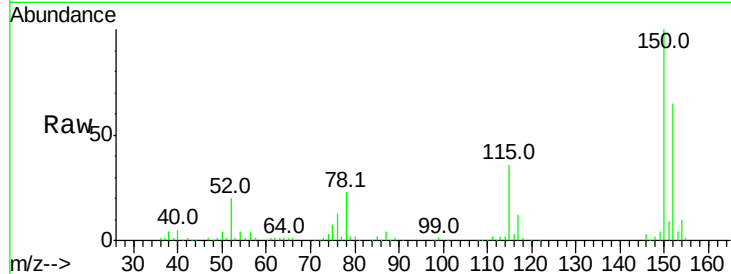
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	54.5	50.1	75.1

Manual Integrations
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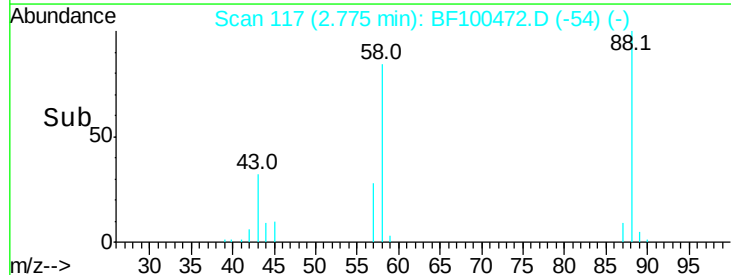
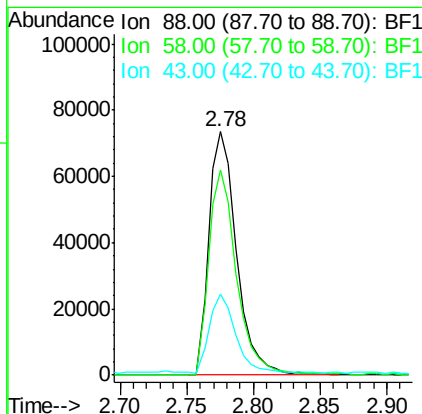
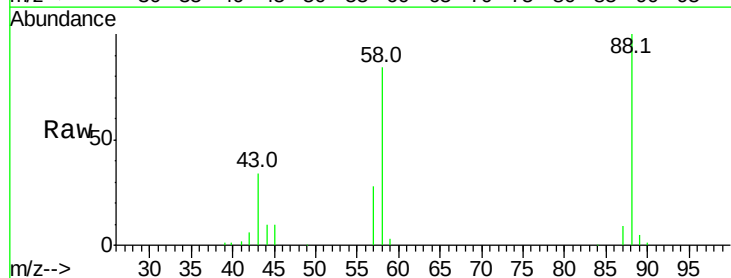
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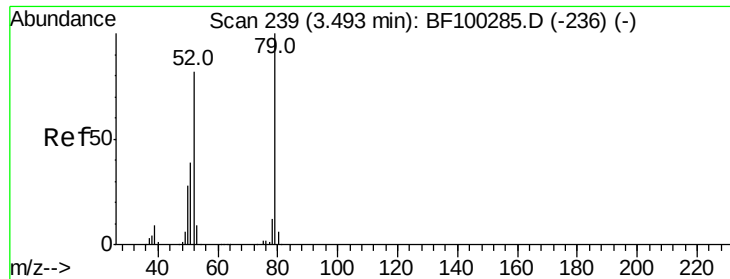


#2

1,4-Dioxane
 Concen: 26.681 ng
 RT: 2.78 min Scan# 117
 Delta R.T. 0.07 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	62.6	93.8
43	30.8	24.6	37.0





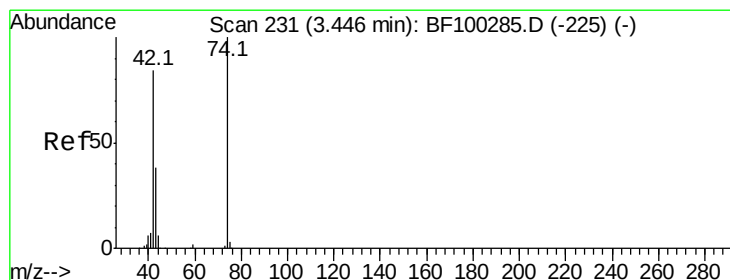
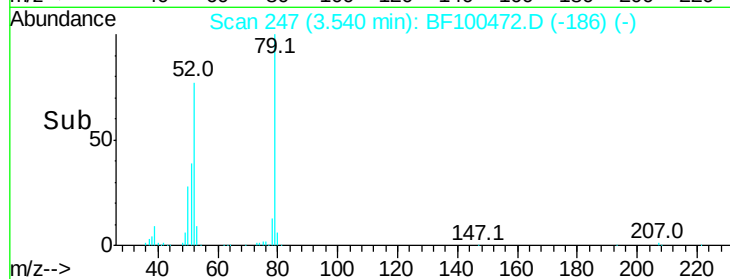
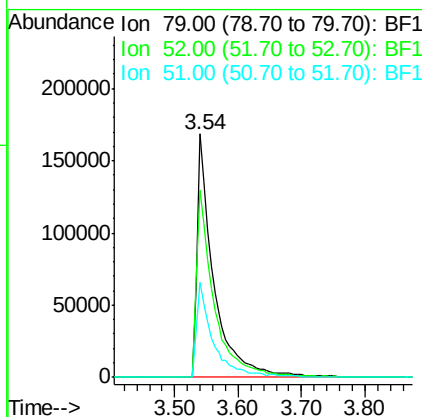
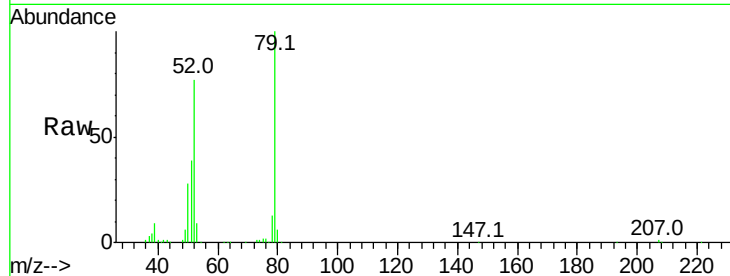
#3
 Pvridine
 Concen: 27.675 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.06 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.1	59.8	89.6
51	38.9	29.8	44.8

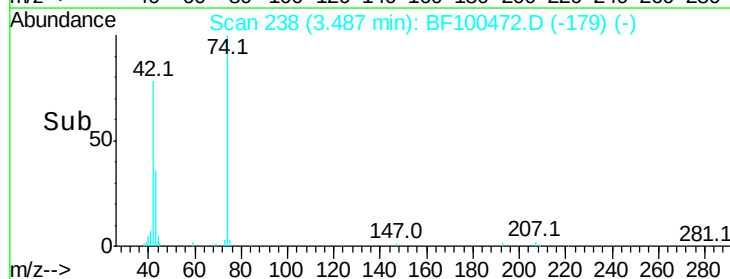
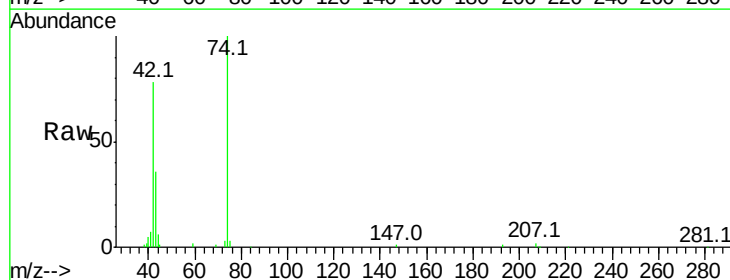
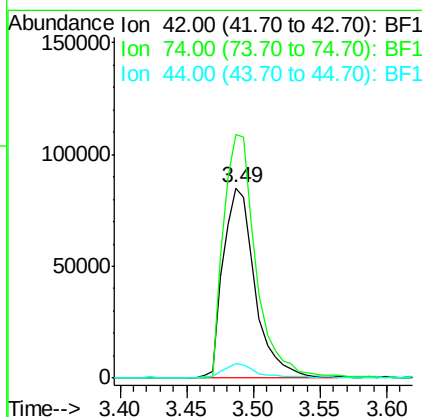
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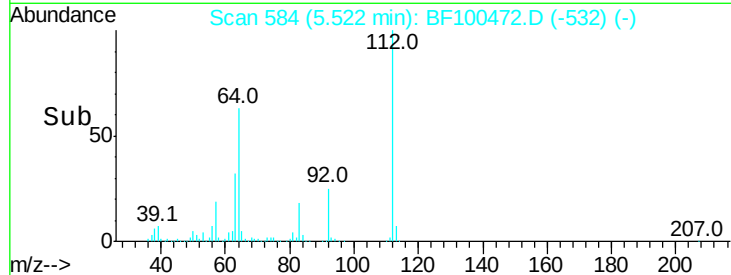
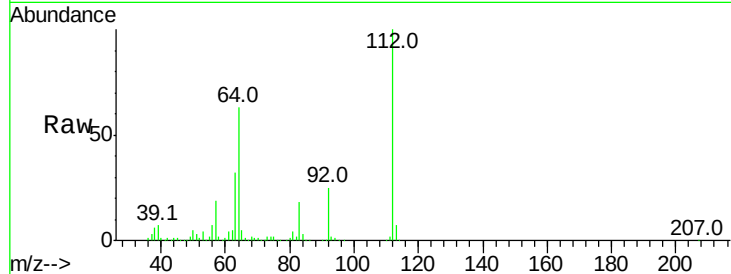
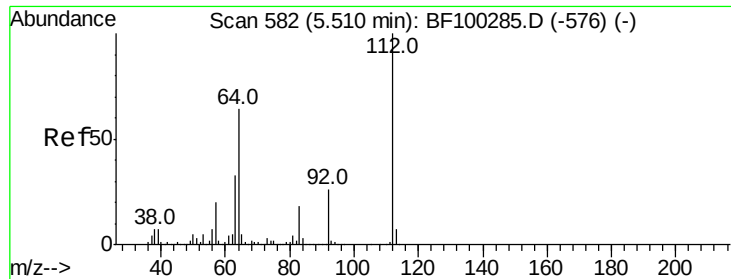
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#4
 n-Nitrosodimethylamine
 Concen: 26.900 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.05 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.3	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 63.869 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF100472.D

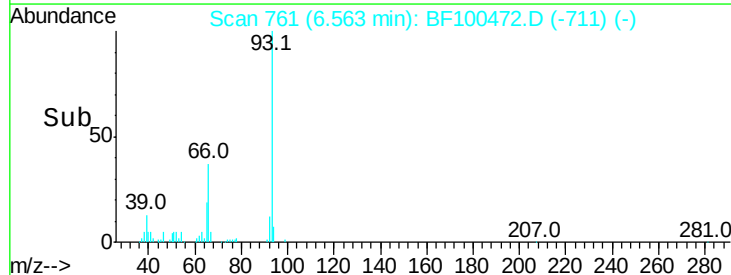
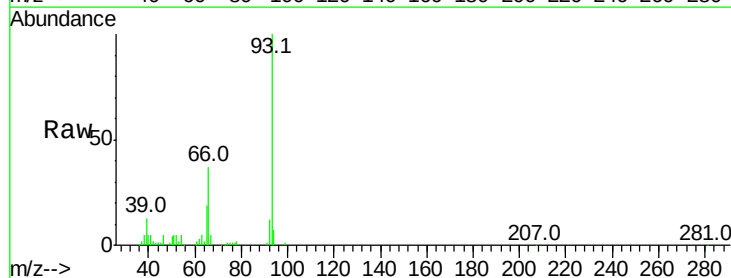
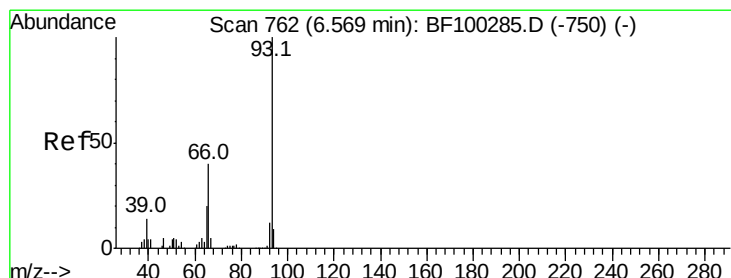
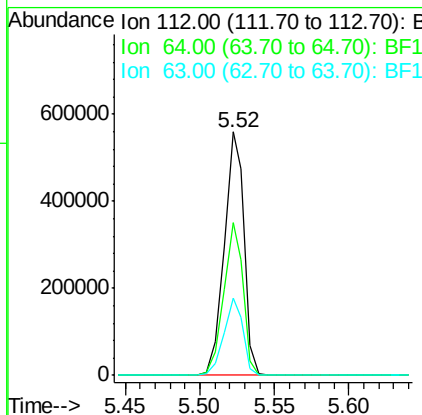
Acq: 12 Nov 2017 6:36

Tot Ion:	112	Resp:	527214
Ion Ratio	Lower	Upper	
112	100		
64	62.5	47.9	71.9
63	31.5	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Manual Integrations
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#6

Aniline

Concen: 5.731 ng

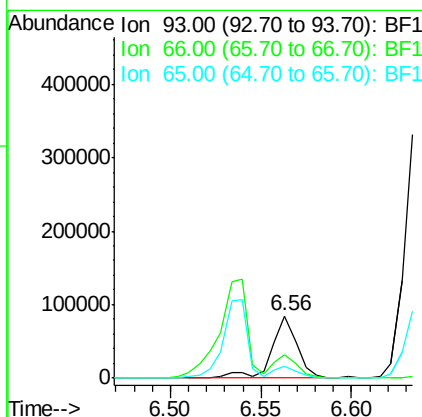
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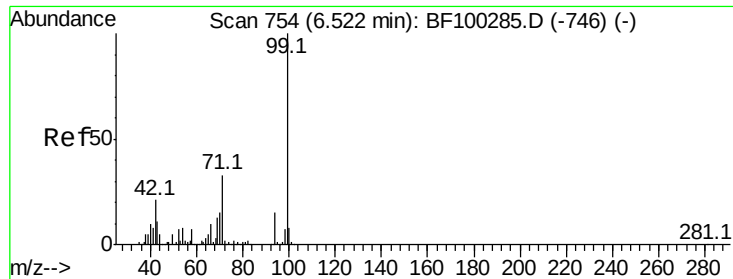
Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:	93	Resp:	82422
Ion Ratio	Lower	Upper	
93	100		
66	37.0	32.2	48.2
65	19.3	16.4	24.6





#7

Phenol-d6

Concen: 63.730 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

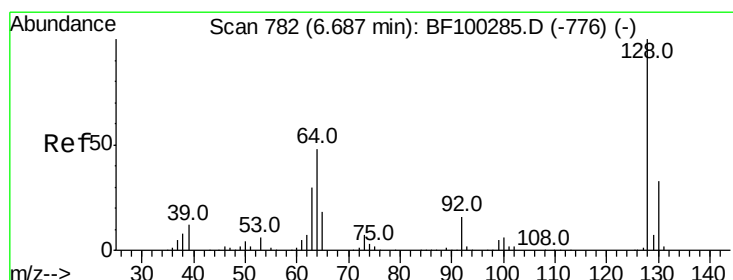
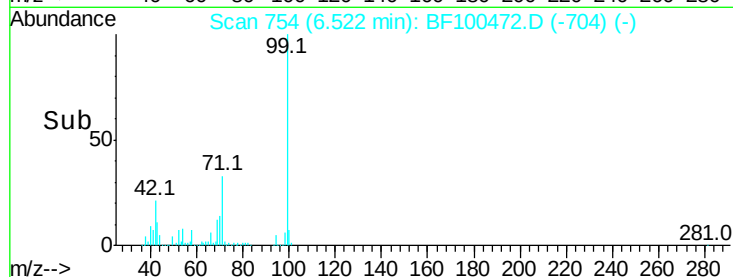
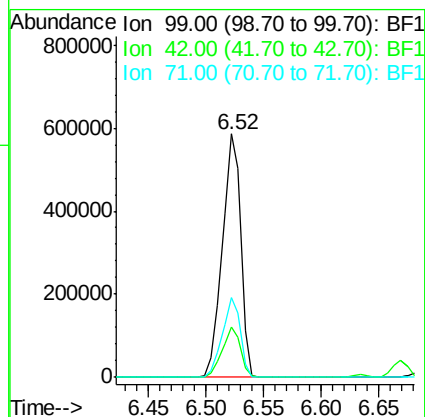
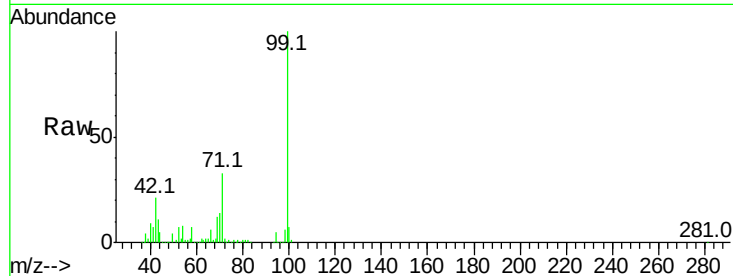
ClientSampleId :

PB104195BS

Tot Ion:	99	Resp:	648715
Ion Ratio	Lower	Upper	
99	100		
42	20.7	14.5	21.7
71	32.7	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 32.272 ng

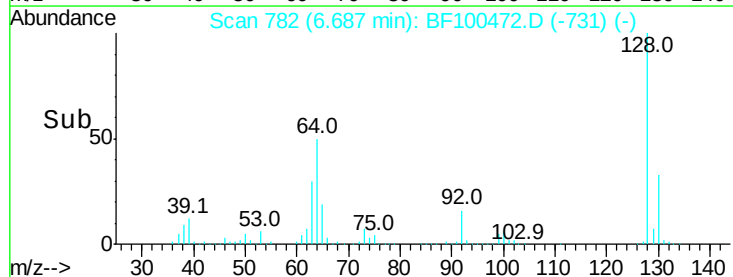
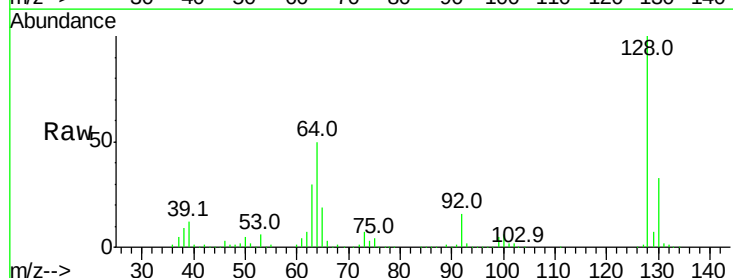
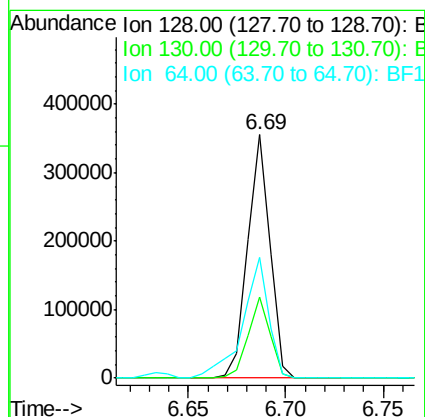
RT: 6.69 min Scan# 782

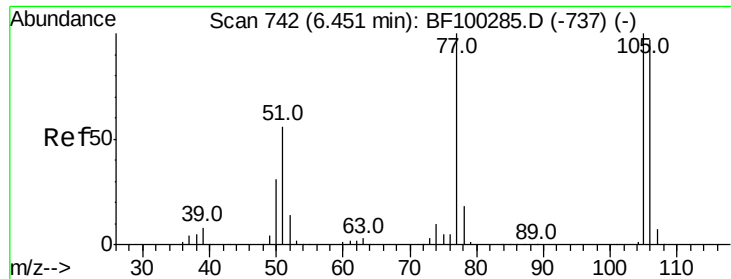
Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:	128	Resp:	281822
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.0	53.0
64	49.8	29.4	69.4





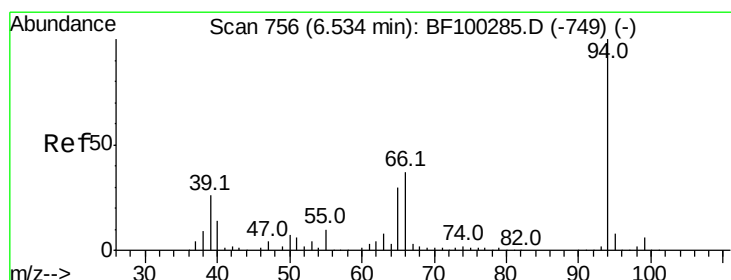
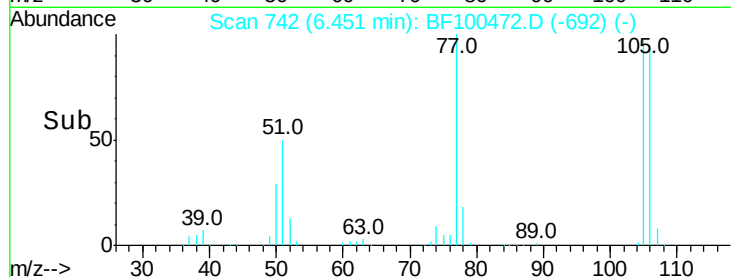
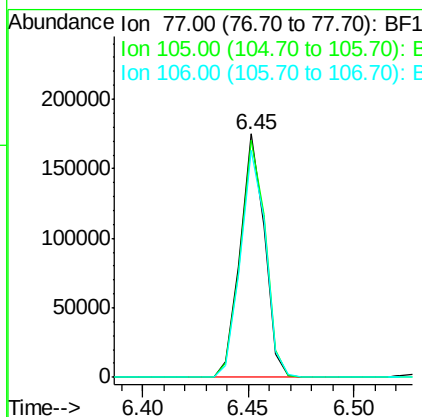
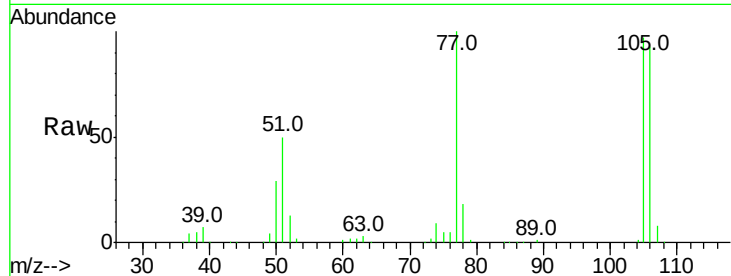
#9
Benzaldehyde
Concen: 19.172 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.4	81.1	121.1
106	93.4	74.5	114.5

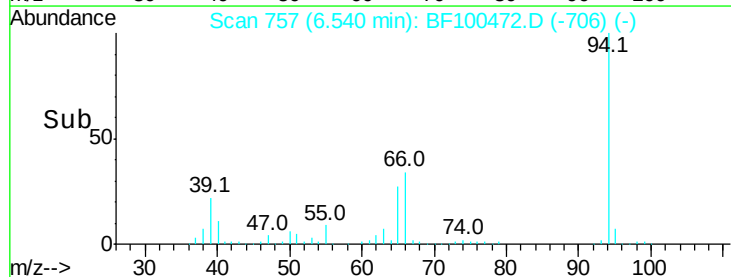
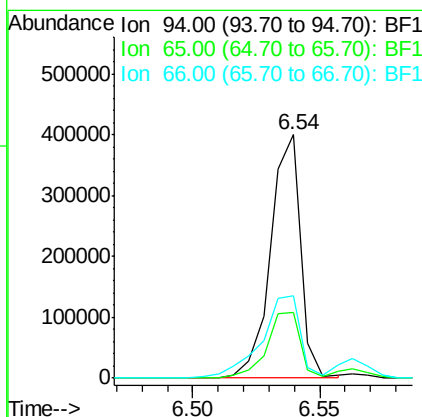
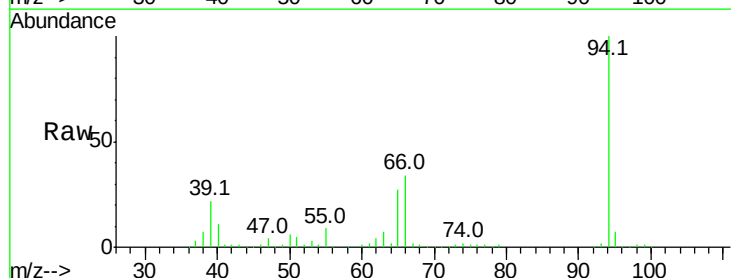
Manual Integrations
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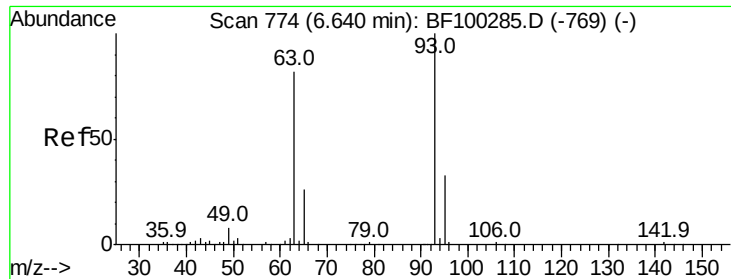
SOHIL
11/13/2017 4:54:02 PM



#10
Phenol
Concen: 31.317 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.9	47.9
66	33.7	16.2	56.2





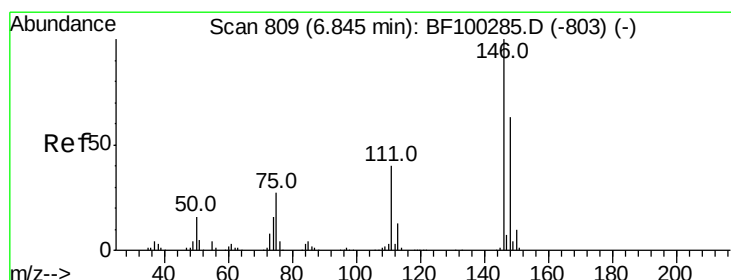
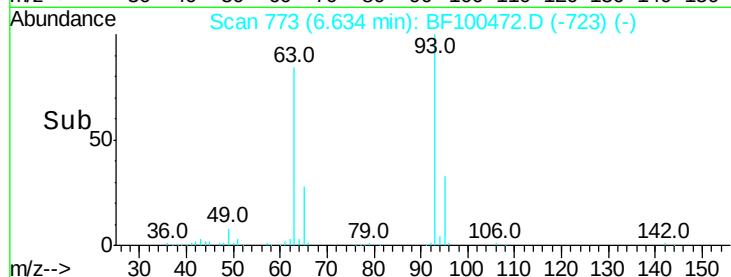
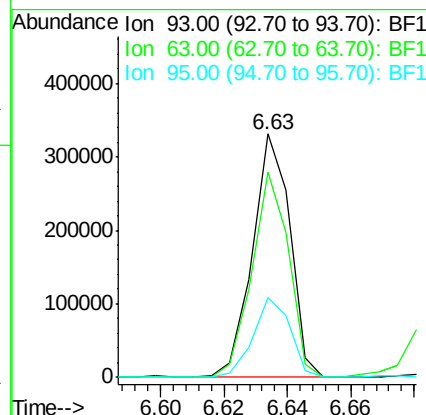
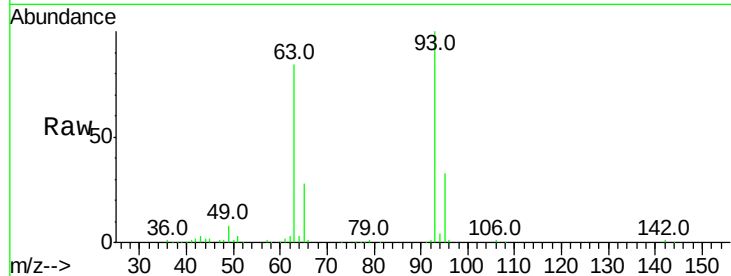
#11
bis(2-Chloroethyl)ether
Concen: 30.031 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion:	93	Resp:	269547
Ion Ratio	Lower	Upper	
93	100		
63	84.3	58.6	98.6
95	32.6	11.8	51.8

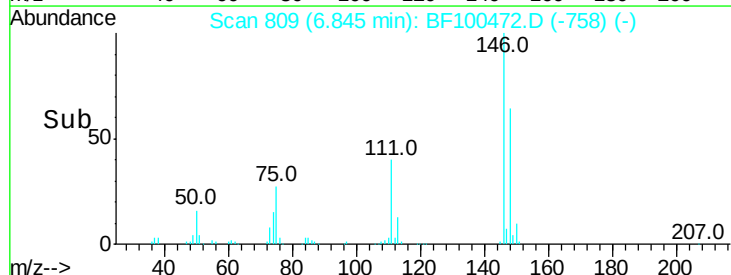
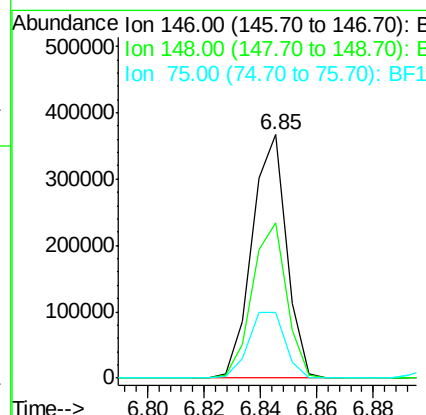
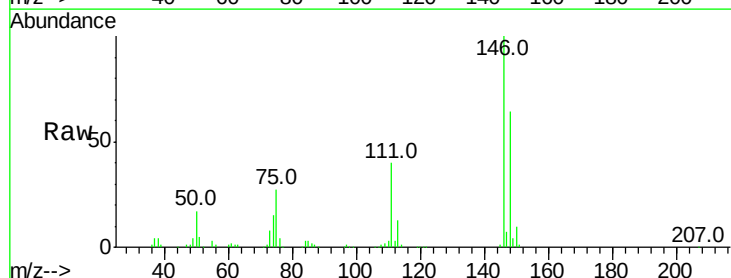
Manual Integrations
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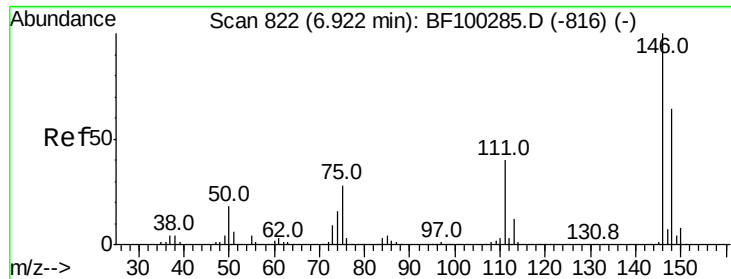
SOHIL
11/13/2017 4:54:02 PM



#12
1,3-Dichlorobenzene
Concen: 30.847 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:	146	Resp:	310569
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
75	27.1	24.2	36.4





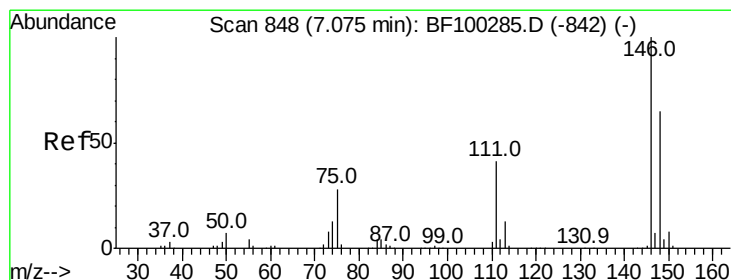
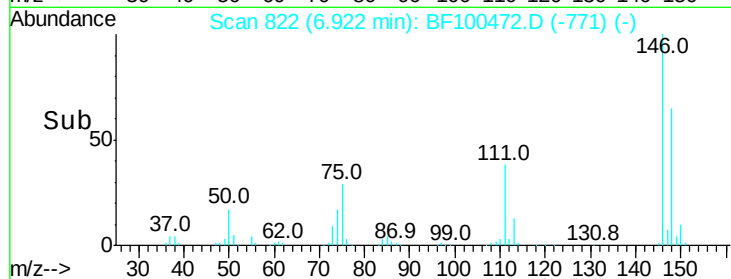
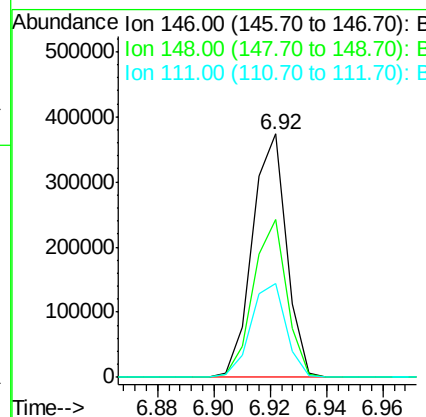
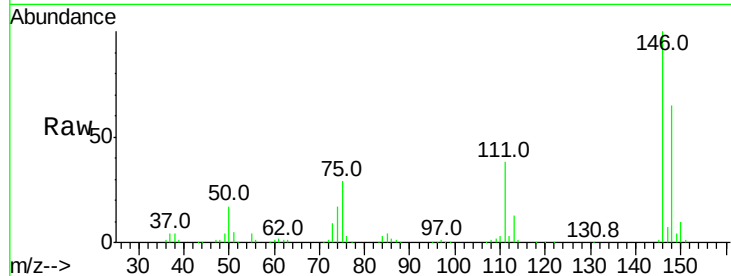
#13
 1,4-Dichlorobenzene
 Concen: 30.673 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	38.3	34.2	51.2

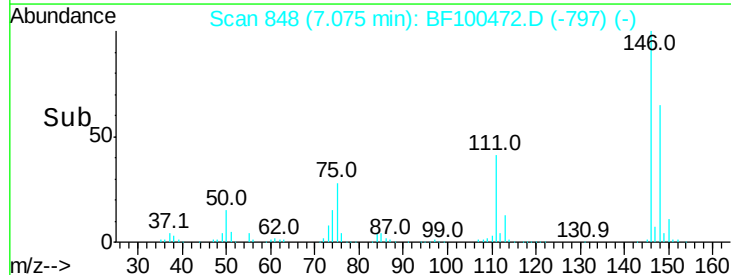
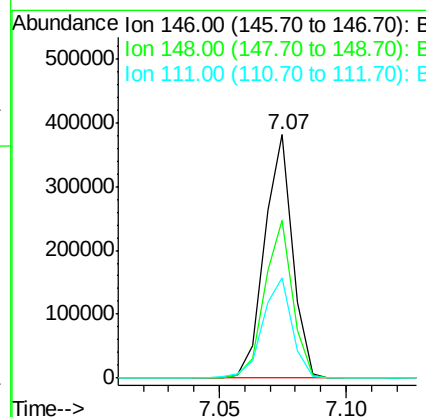
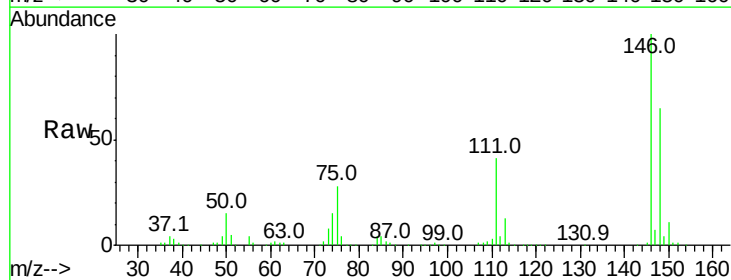
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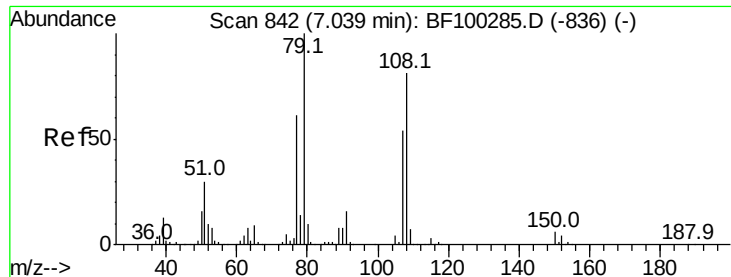
SOHIL
 11/13/2017 4:54:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.949 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	41.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 29.764 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

Tot Ion: 79 Resp: 236452

Ion Ratio Lower Upper

79 100

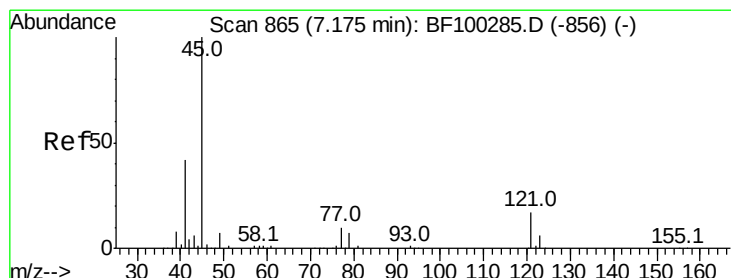
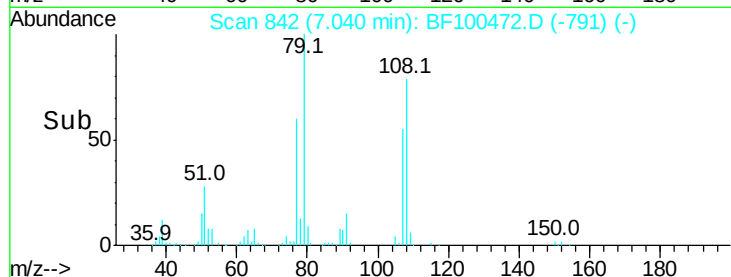
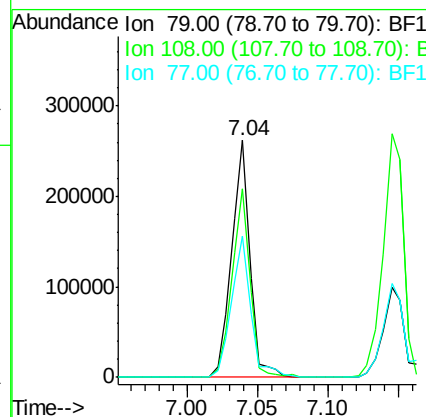
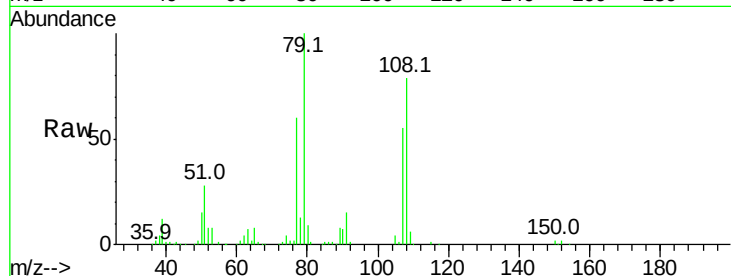
108 79.5 65.1 97.7

77 59.8 50.6 75.8

Manual Integrations
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SOHIL

11/13/2017 4:54:02 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.817 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

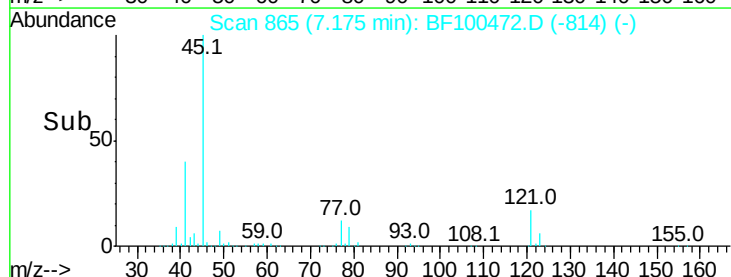
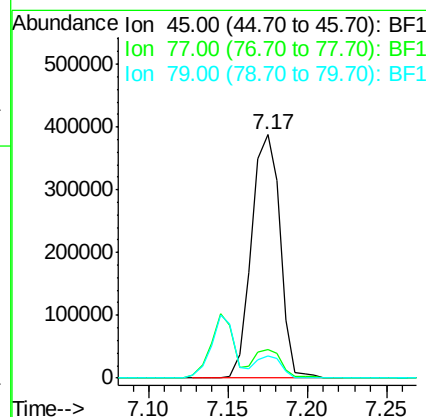
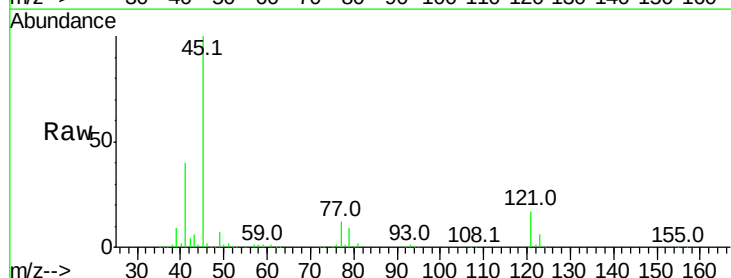
Tgt Ion: 45 Resp: 485468

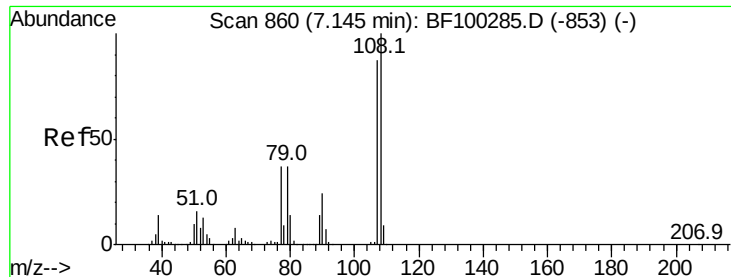
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

79 9.4 0.0 29.6





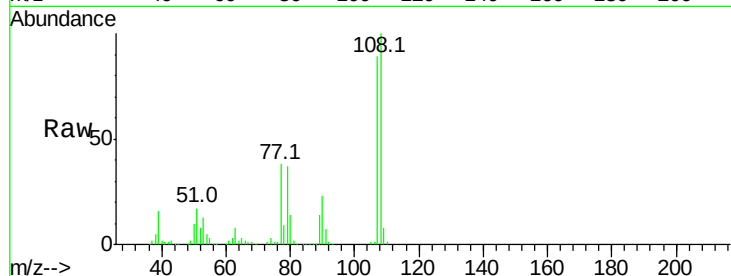
#17
2-Methylphenol
Concen: 31.908 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

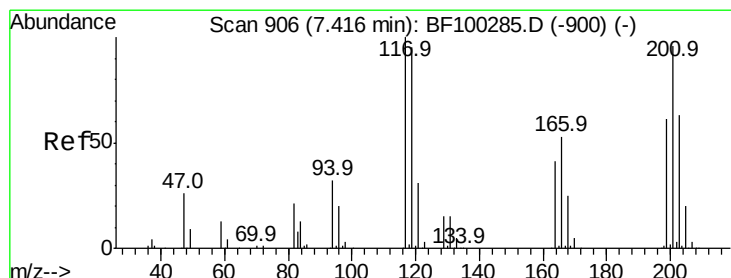
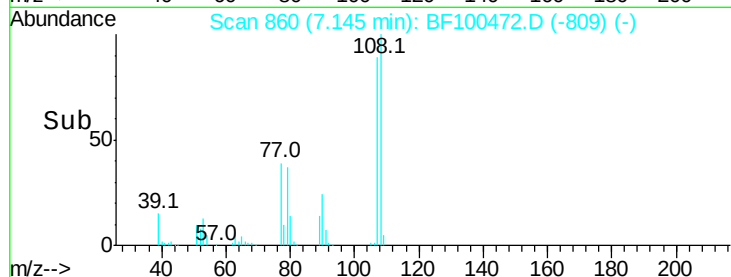
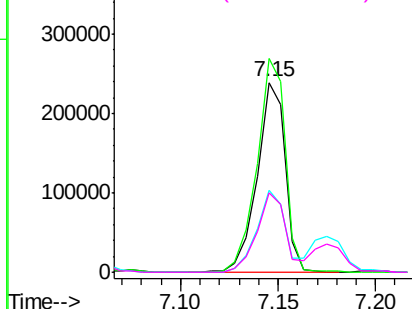
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	91.7	137.5	
77	43.2	33.8	50.8	
79	41.7	33.8	50.8	

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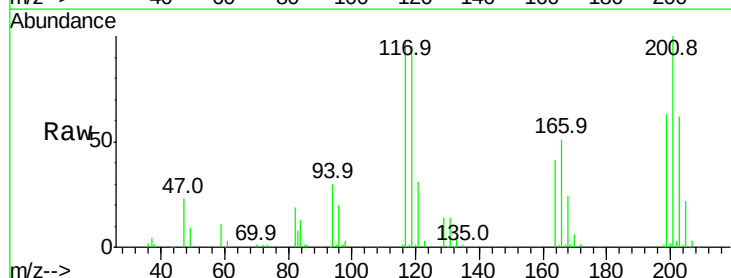


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

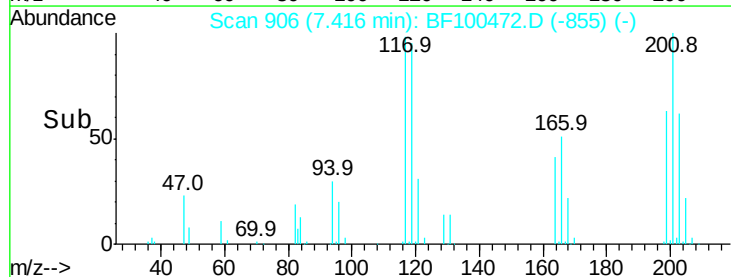
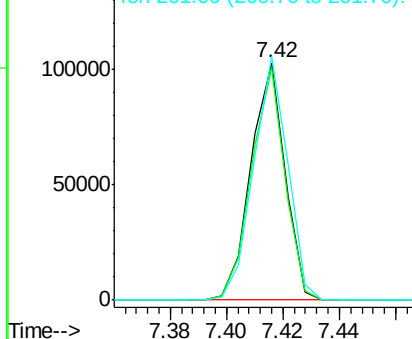


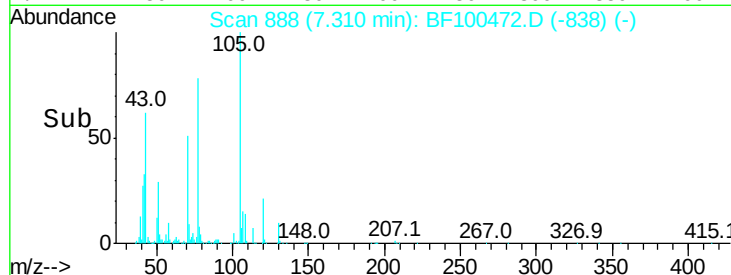
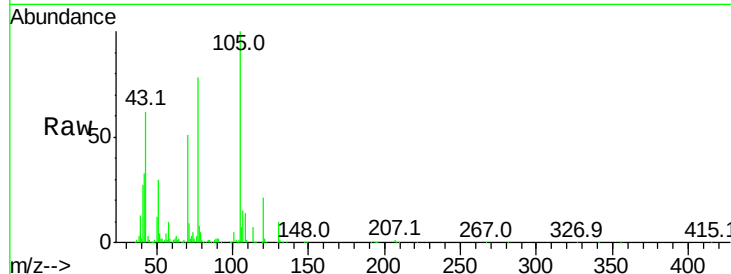
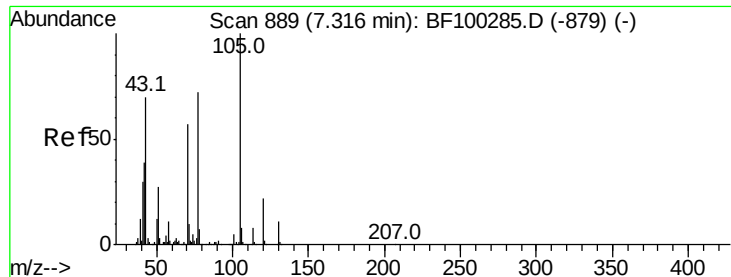
#18
Hexachloroethane
Concen: 25.675 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	75.8	113.8	
201	102.5	75.7	113.5	



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





#19

n-Nitroso-di-n-propylamine

Concen: 27.708 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF100472.D

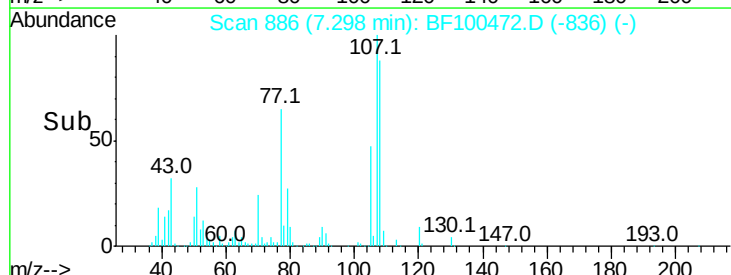
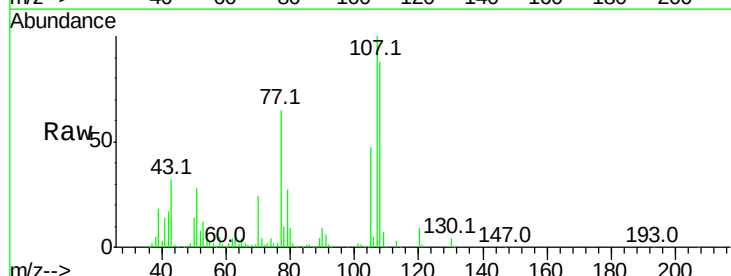
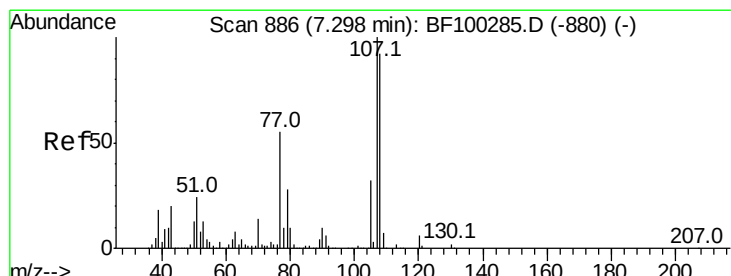
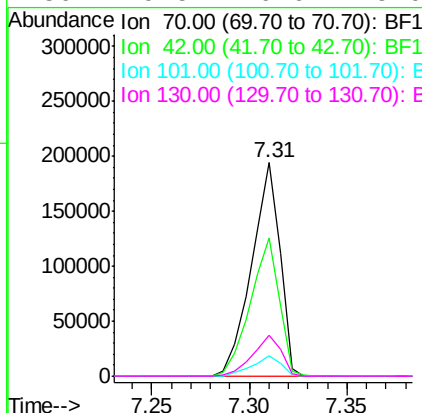
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	70	Resp	195595
Ion Ratio	Lower	Upper	
70	100		
42	65.0	47.5	71.3
101	9.6	7.4	11.2
130	19.5	16.6	25.0

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#20

3+4-Methylphenols

Concen: 30.753 ng

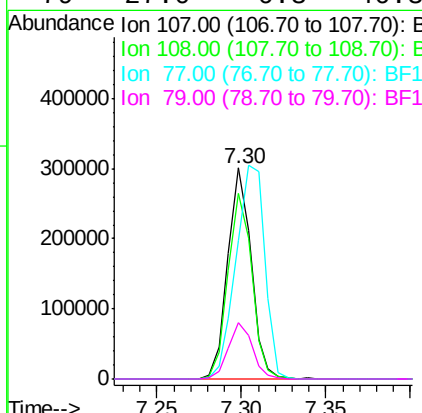
RT: 7.30 min Scan# 886

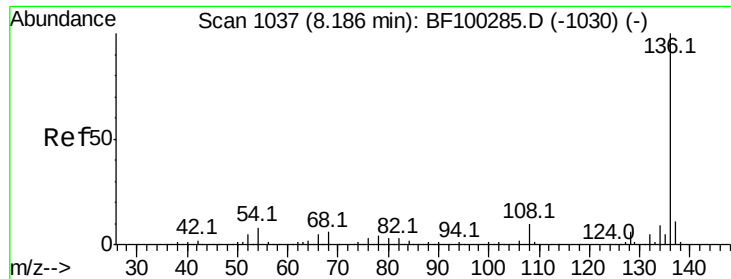
Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion	107	Resp	290411
Ion Ratio	Lower	Upper	
107	100		
108	88.3	68.2	108.2
77	65.5	26.7	66.7
79	27.0	6.3	46.3





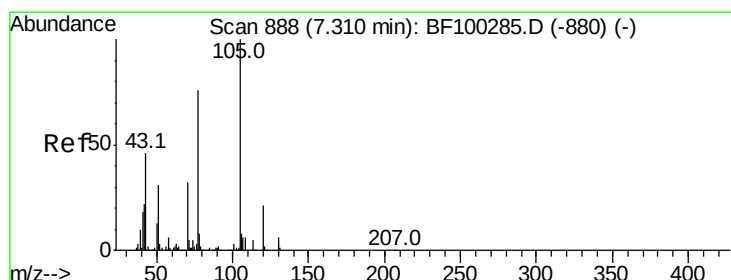
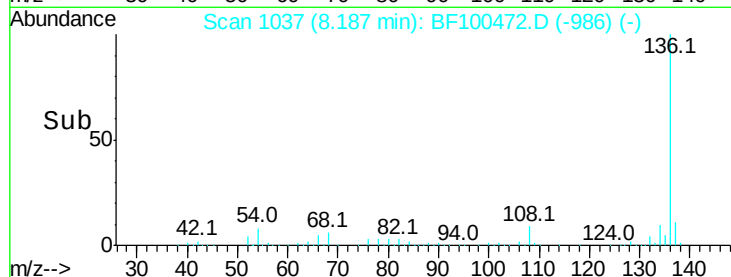
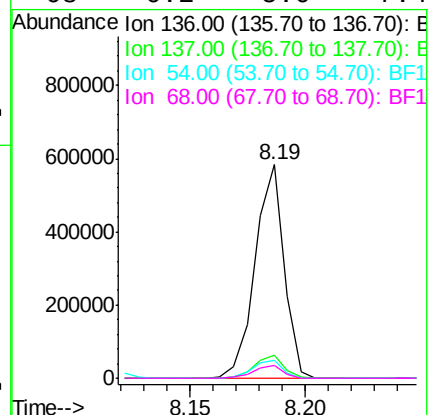
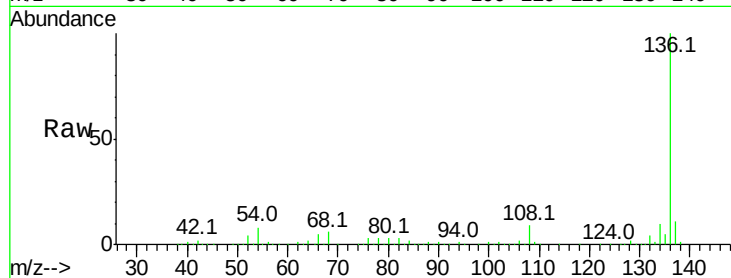
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampled :
PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	514358		
137	11.0	8.9	13.3	
54	8.4	6.6	9.8	
68	6.2	5.0	7.4	

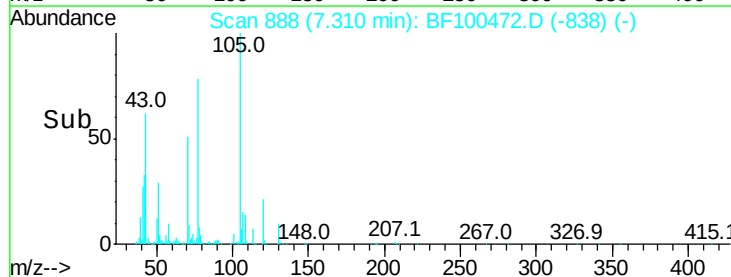
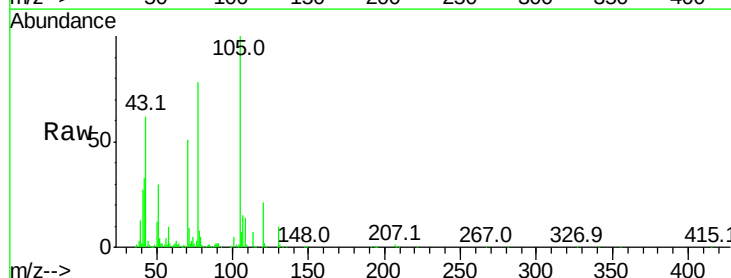
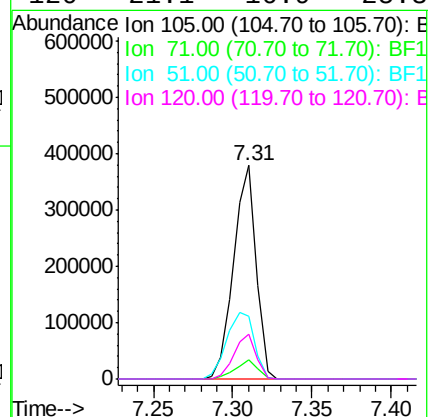
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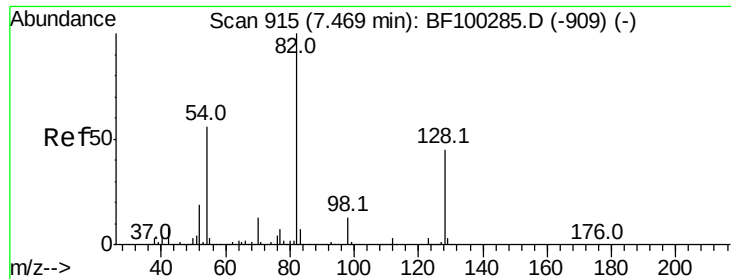
SOHIL
11/13/2017 4:54:02 PM



#22
Acetophenone
Concen: 29.779 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	373506		
71	8.7	4.4	6.6#	
51	29.6	22.3	33.5	
120	21.1	16.9	25.3	





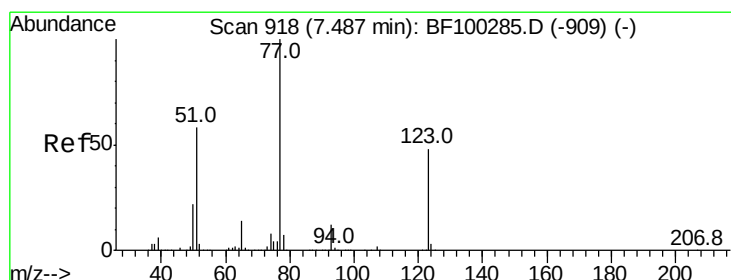
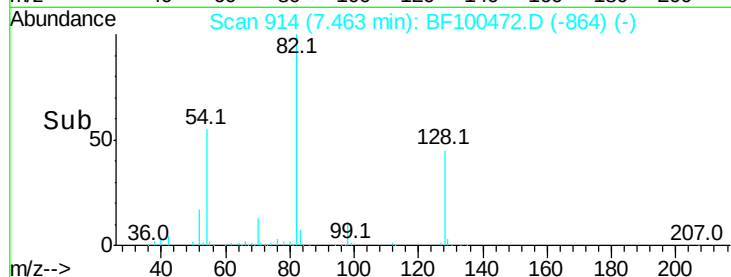
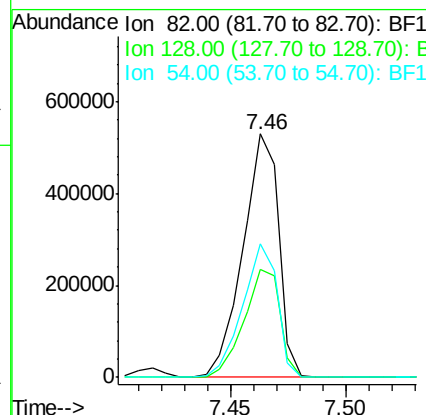
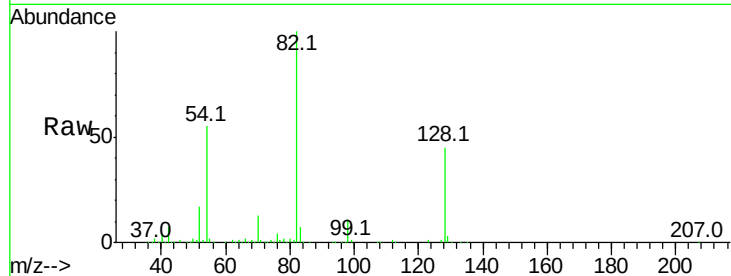
#23
Nitrobenzene-d5
Concen: 73.629 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	54.8	41.4	62.2

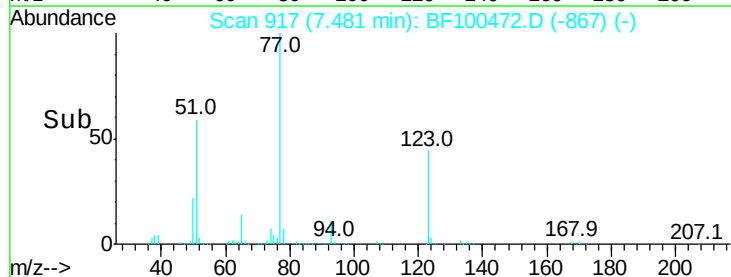
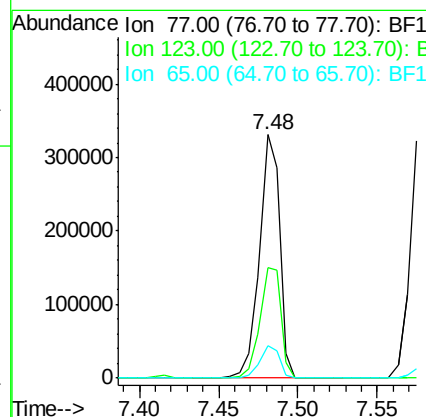
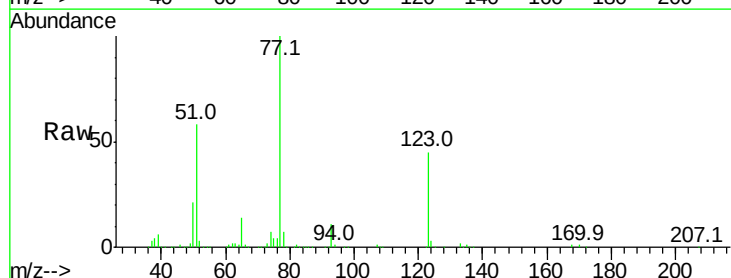
Manual Integrations
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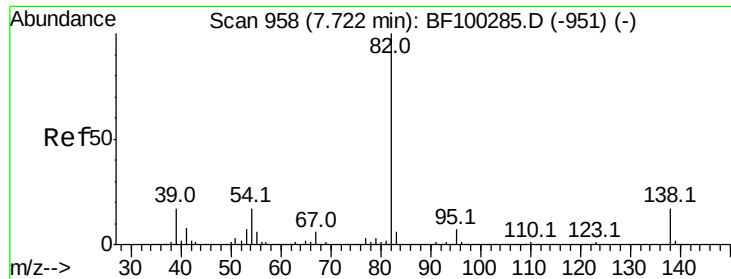
SOHIL
11/13/2017 4:54:02 PM



#24
Nitrobenzene
Concen: 36.718 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 32.507 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

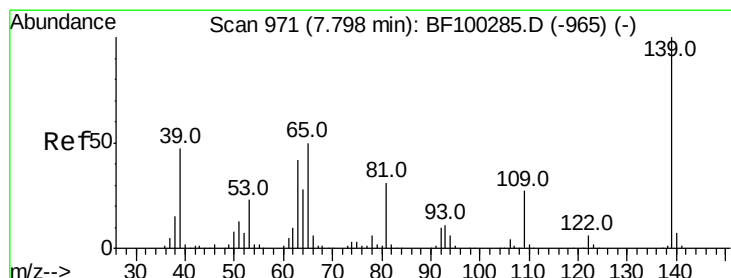
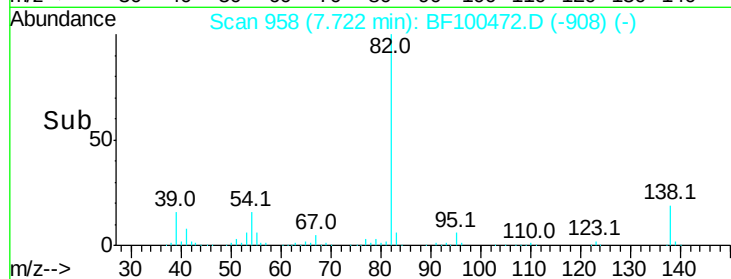
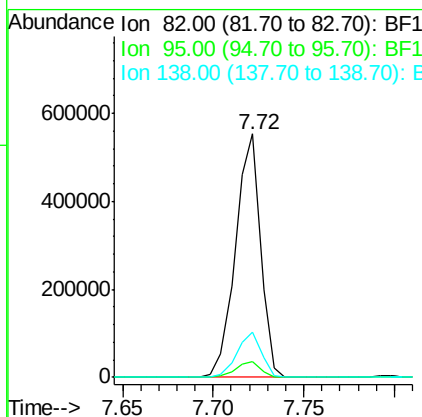
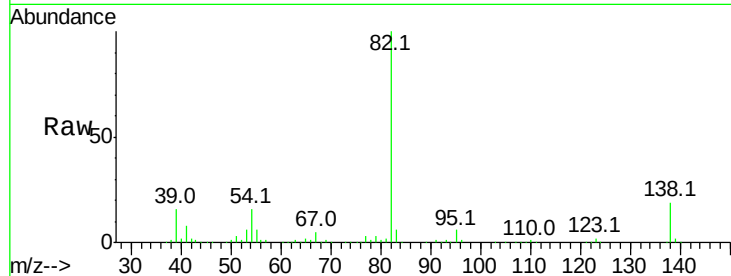
ClientSampleId :

PB104195BS

Tot Ion:	82	Resp:	531455
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	18.8	14.9	22.3

Manual Integrations
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SOHIL
11/13/2017 4:54:02 PM



#26

2-Nitrophenol

Concen: 32.265 ng

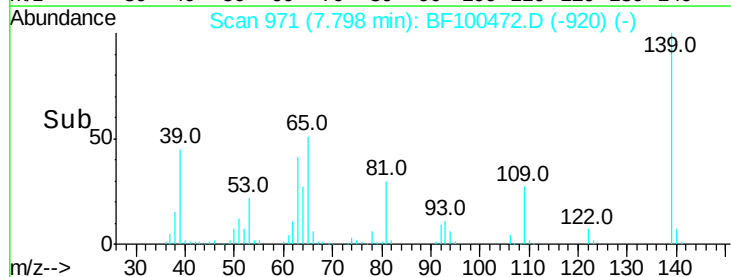
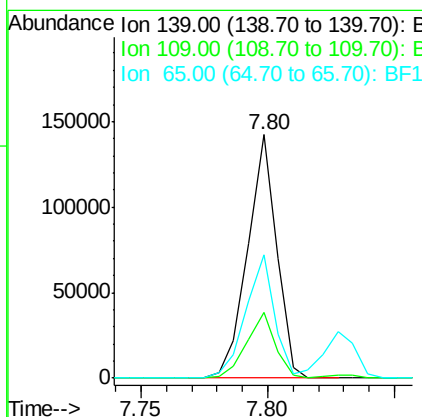
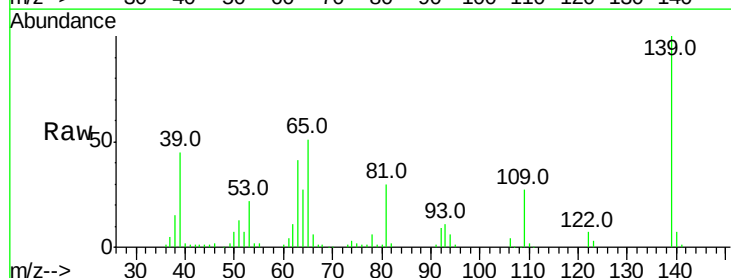
RT: 7.80 min Scan# 971

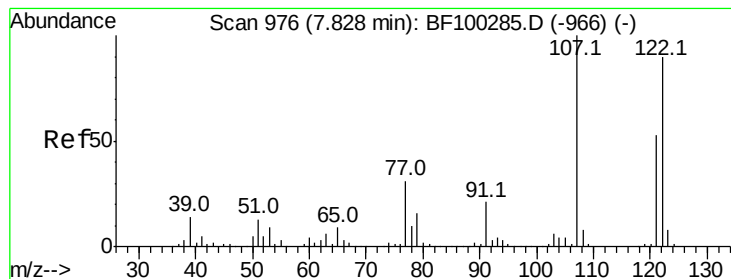
Delta R.T. 0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:	139	Resp:	113679
Ion Ratio	Lower	Upper	
139	100		
109	27.2	22.7	34.1
65	50.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 35.442 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

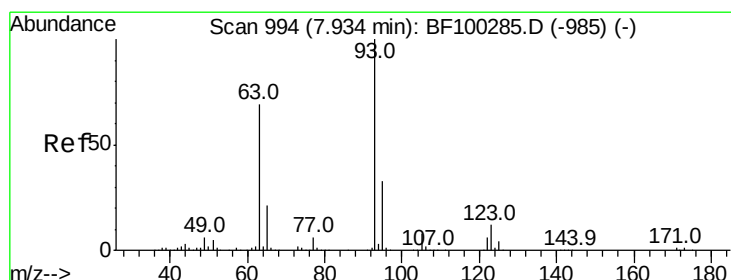
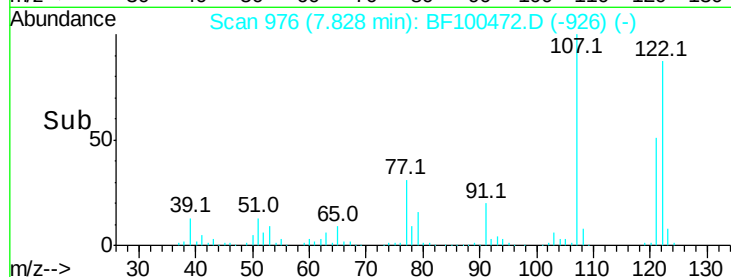
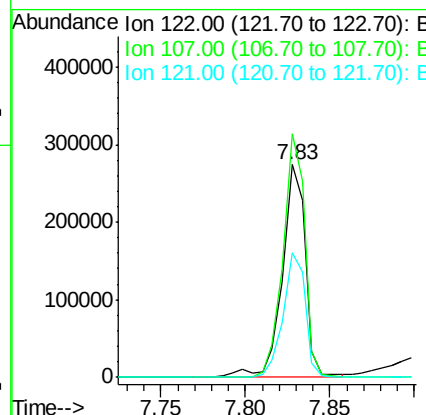
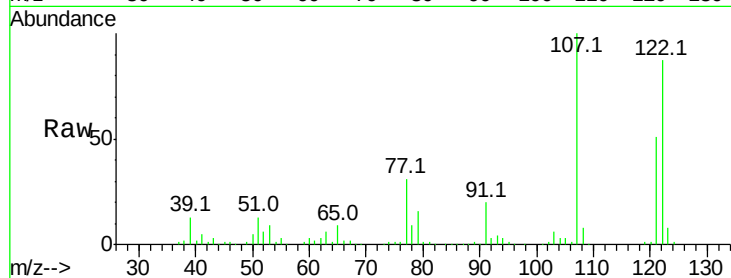
ClientSampleId :

PB104195BS

Tot Ion:	122	Resp:	259751
Ion Ratio	Lower	Upper	
122	100		
107	114.4	91.2	136.8
121	58.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 32.040 ng

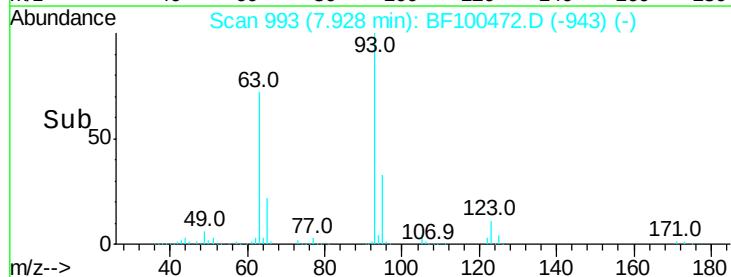
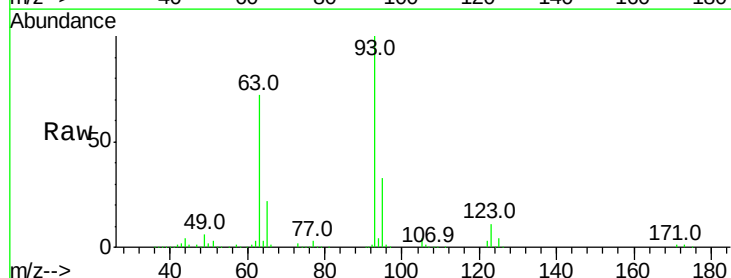
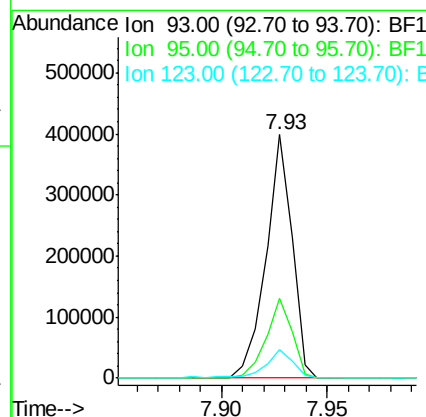
RT: 7.93 min Scan# 993

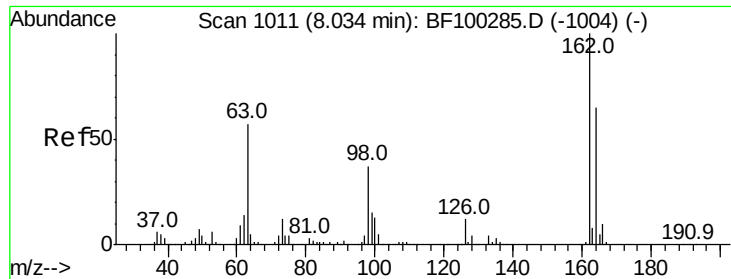
Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:	93	Resp:	342636
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.3	39.5
123	11.5	9.8	14.6





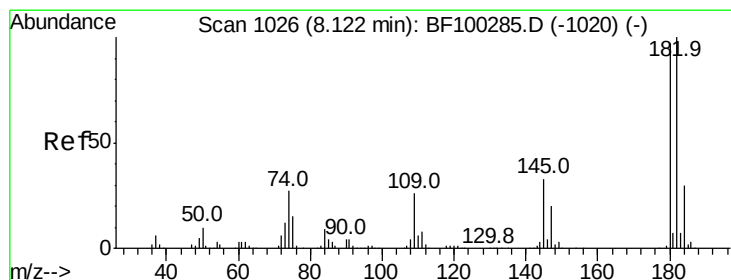
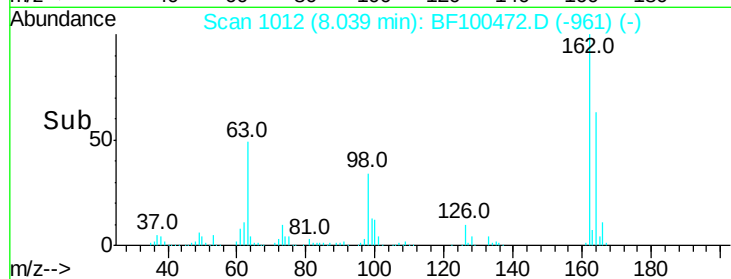
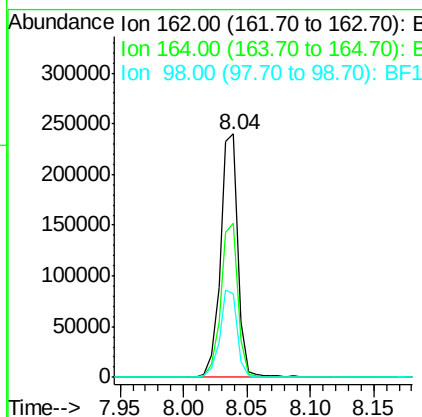
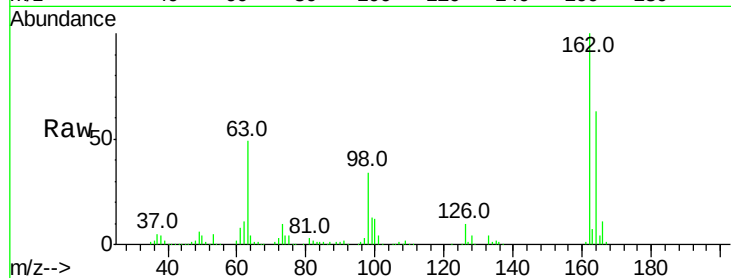
#29
 2,4-Dichlorophenol
 Concen: 33.219 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	232414		
164	63.3	42.7	82.7	
98	34.3	18.1	58.1	

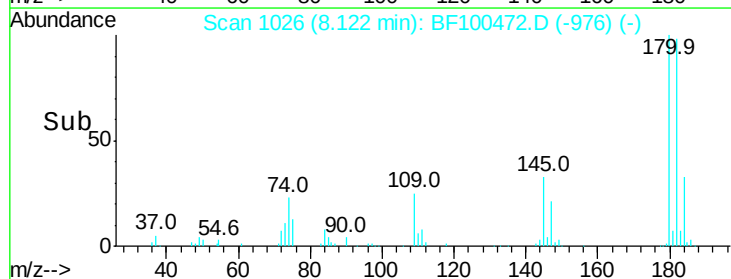
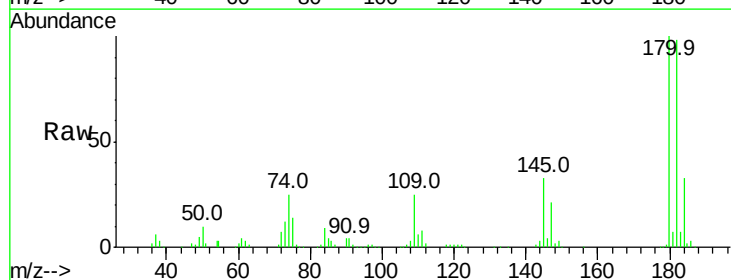
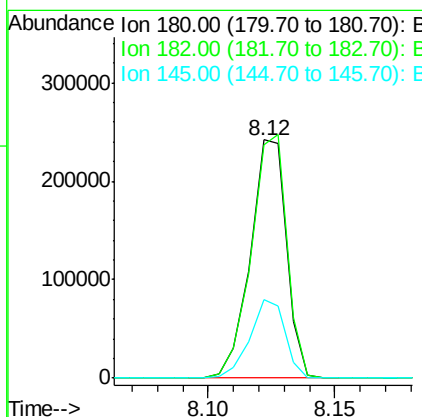
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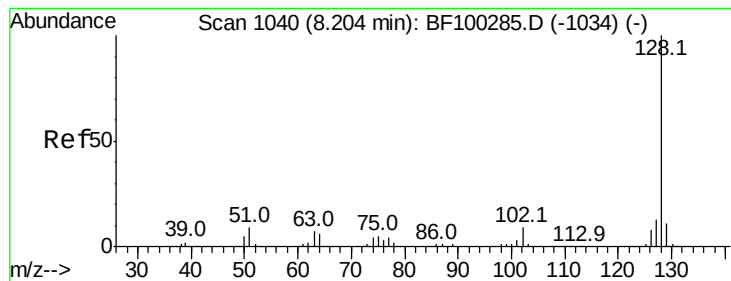
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.966 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	241920		
182	98.3	76.8	115.2	
145	32.8	26.5	39.7	





#31

Naphthalene

Concen: 31.569 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

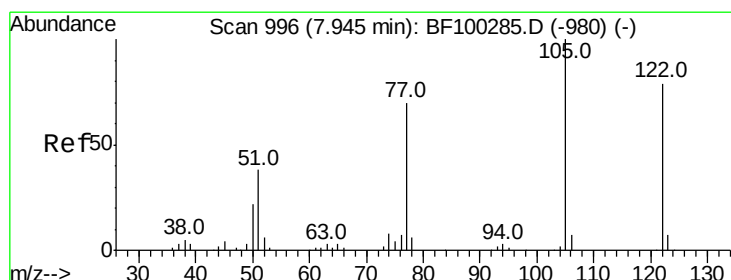
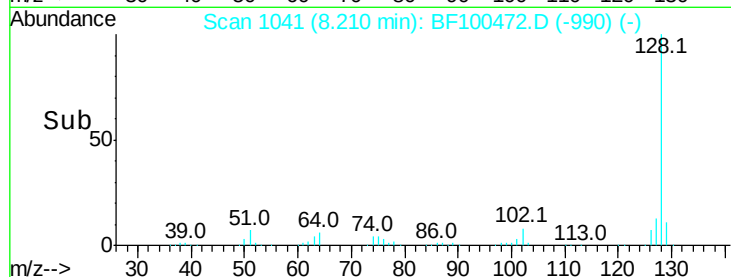
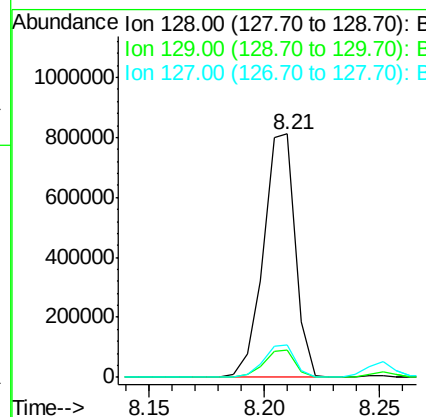
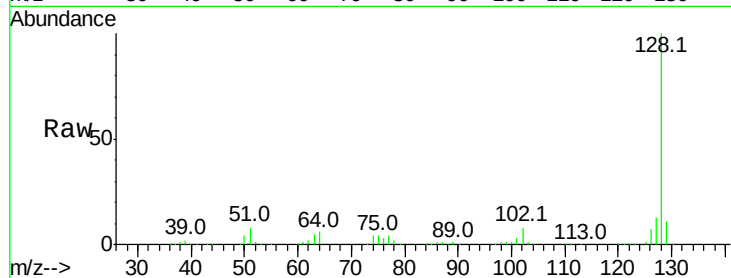
ClientSampleId :

PB104195BS

Tot Ion:128	Resp:	782093
Ion Ratio	Lower	Upper
128 100		
129 11.0	8.8	13.2
127 13.3	10.9	16.3

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#32

Benzoic acid

Concen: 22.919 ng m

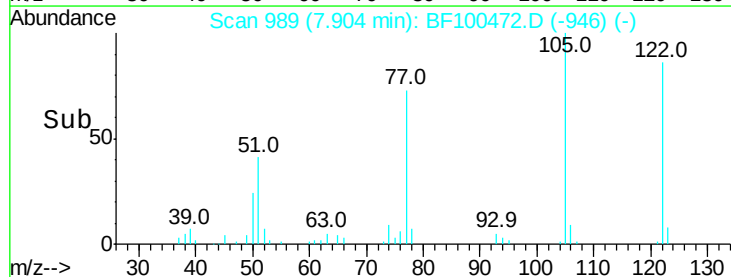
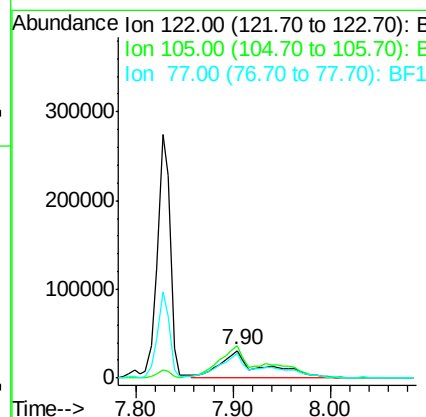
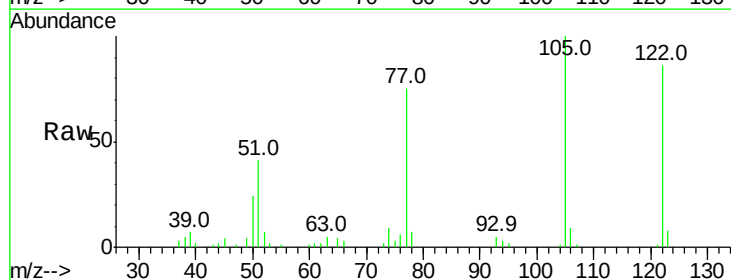
RT: 7.90 min Scan# 989

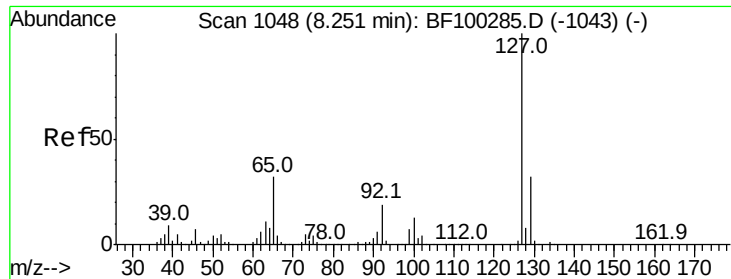
Delta R.T. -0.05 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:122	Resp:	94479
Ion Ratio	Lower	Upper
122 100		
105 116.6	101.1	141.1
77 87.0	70.7	110.7





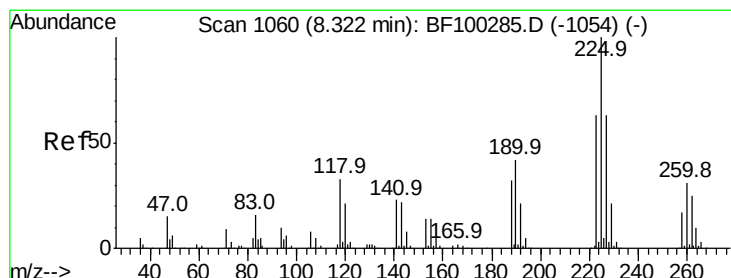
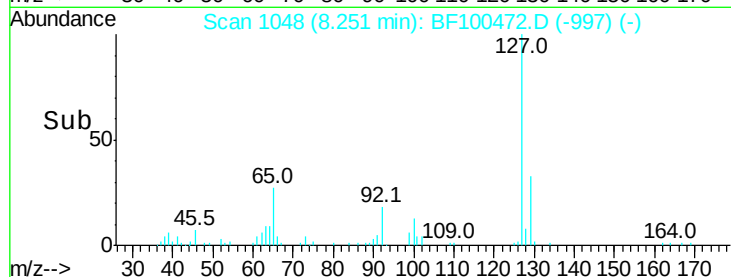
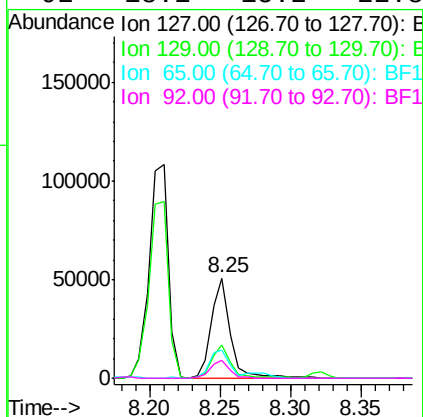
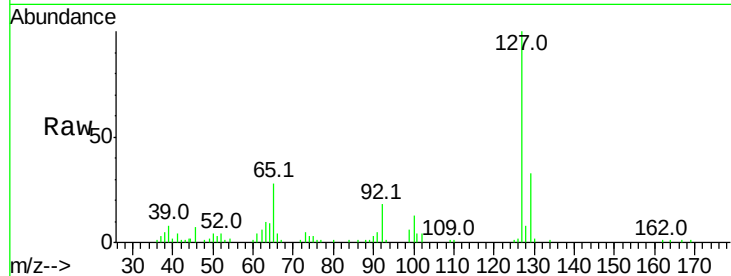
#33
4-Chloroaniline
Concen: 4.650 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		47952		
129	33.4	25.9	38.9		
65	28.0	25.0	37.4		
92	18.1	15.2	22.8		

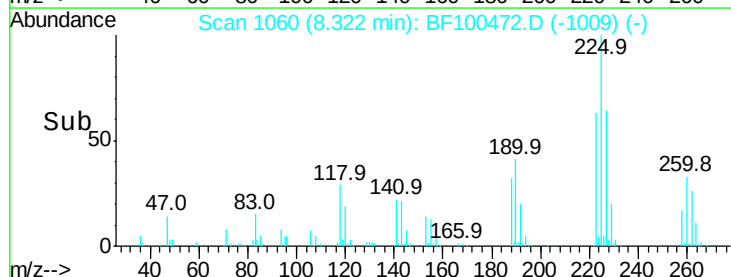
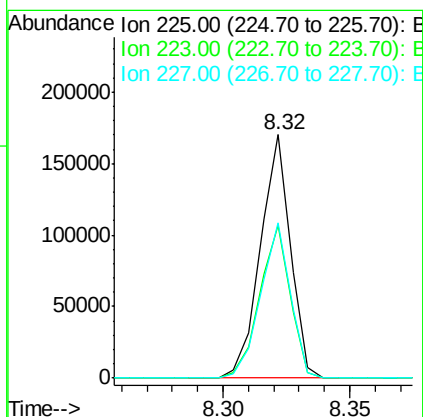
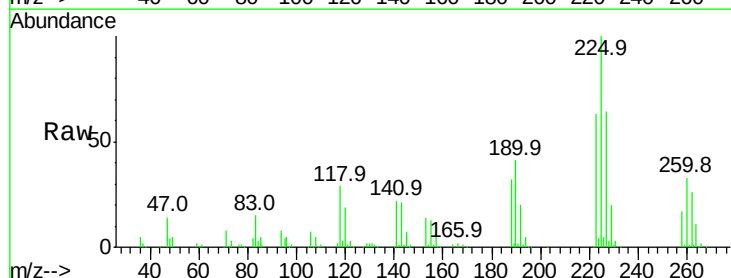
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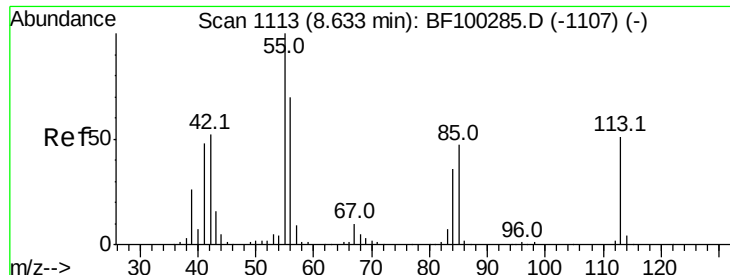
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#34
Hexachlorobutadiene
Concen: 31.406 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		141321		
223	62.6	50.6	76.0		
227	63.9	51.9	77.9		





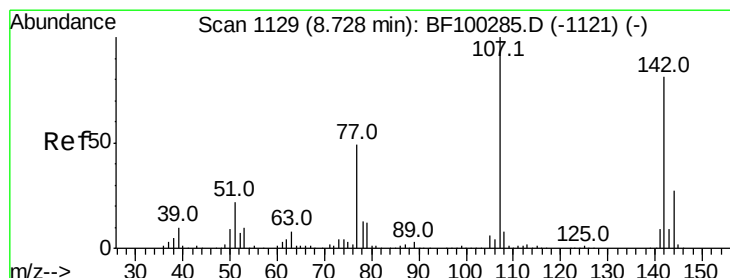
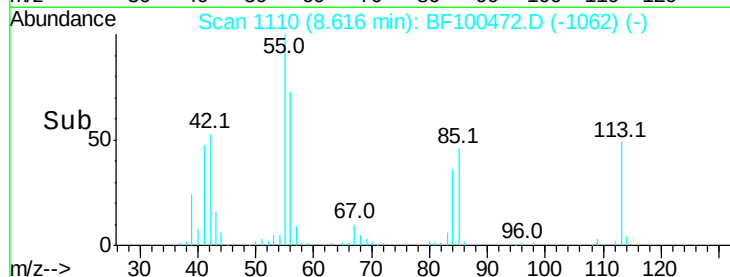
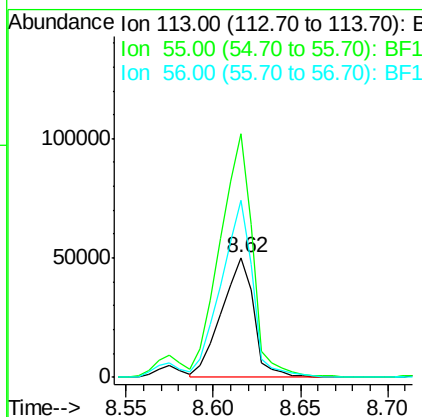
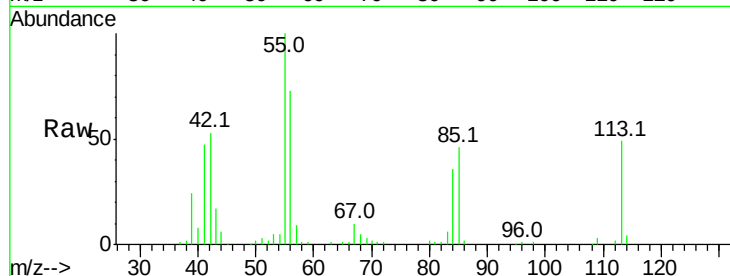
#35
 Caprolactam
 Concen: 27.254 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleID :
 PB104195BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.8	163.3	203.3#
56	148.6	115.7	155.7

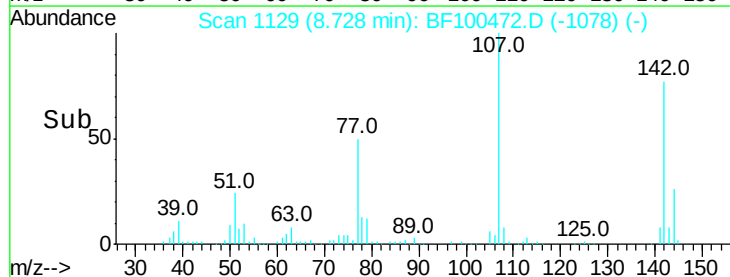
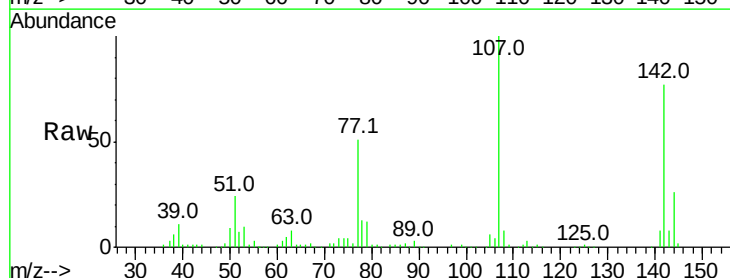
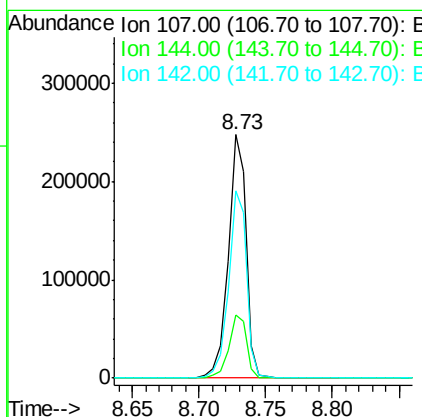
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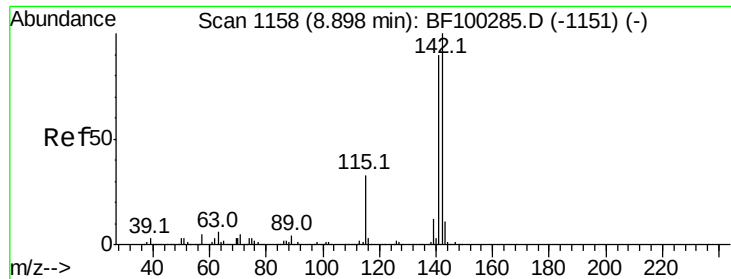
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#36
 4-Chloro-3-methylphenol
 Concen: 31.174 ng/ml
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	77.2	62.0	93.0





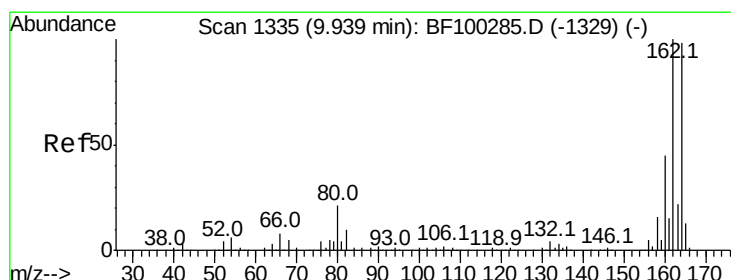
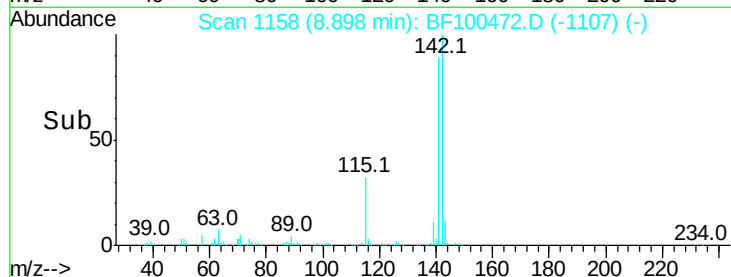
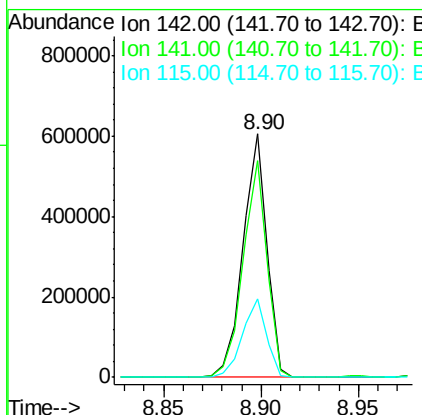
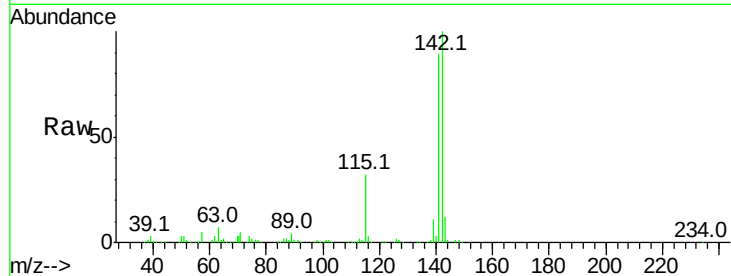
#37
2-Methylnaphthalene
Concen: 31.321 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.2	26.1	39.1

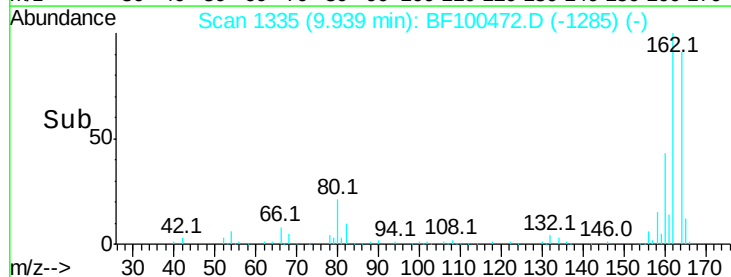
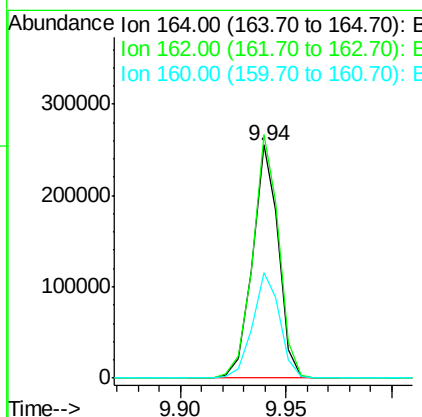
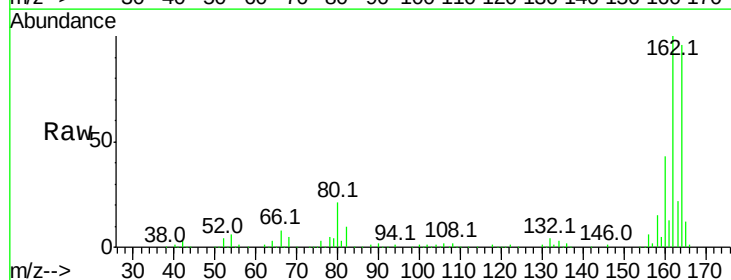
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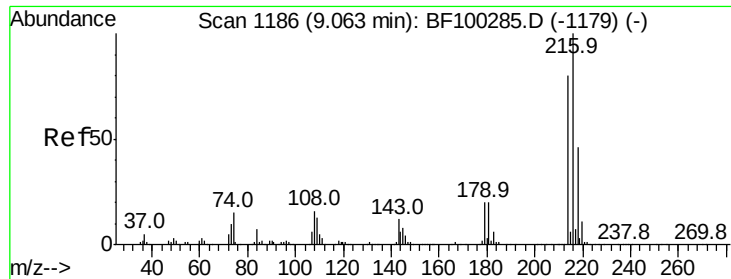
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.0	38.3	57.5





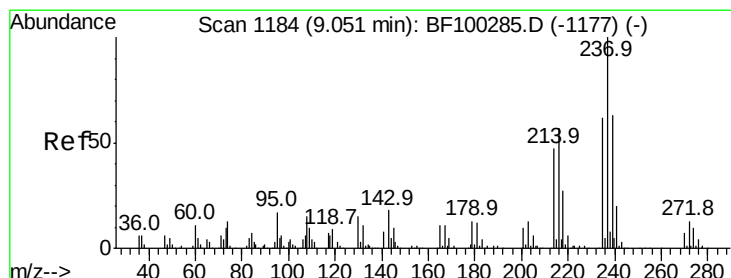
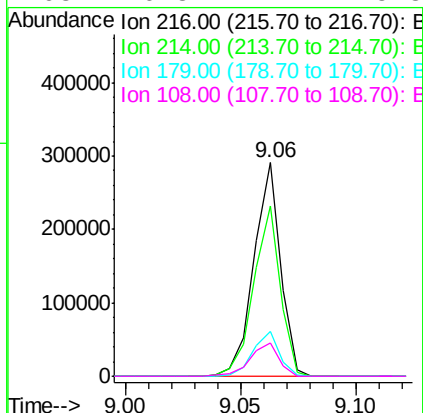
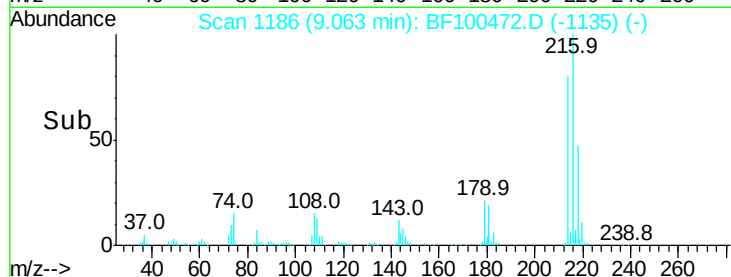
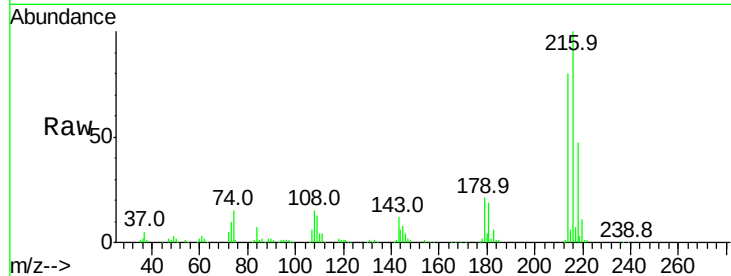
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.669 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.9	18.1	27.1
108	16.8	17.2	25.8#

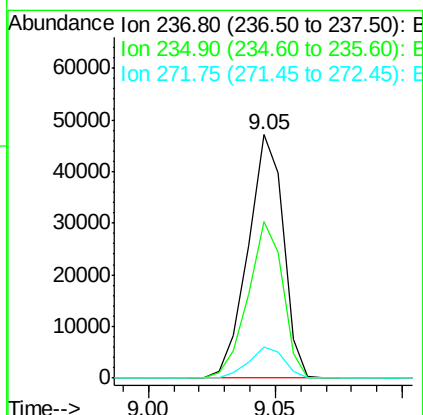
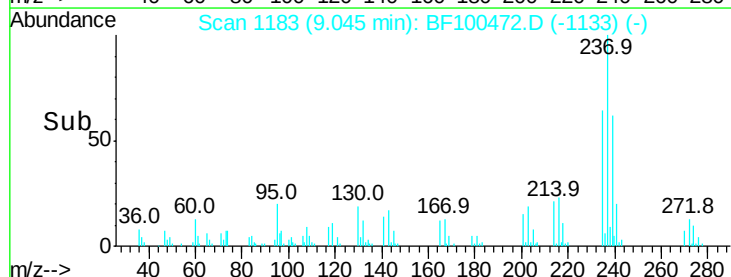
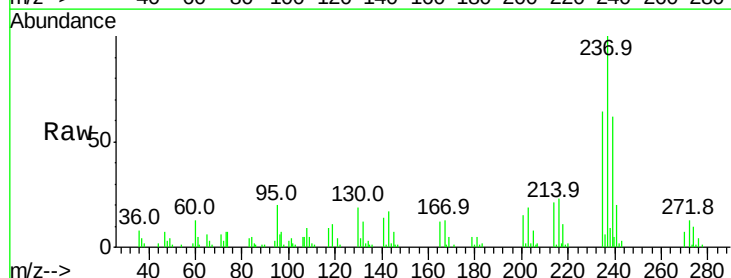
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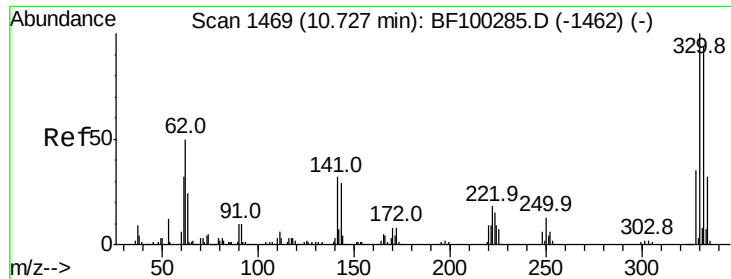
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#40
 Hexachlorocyclopentadiene
 Concen: 13.499 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	44.8	84.8
272	12.8	0.0	33.3





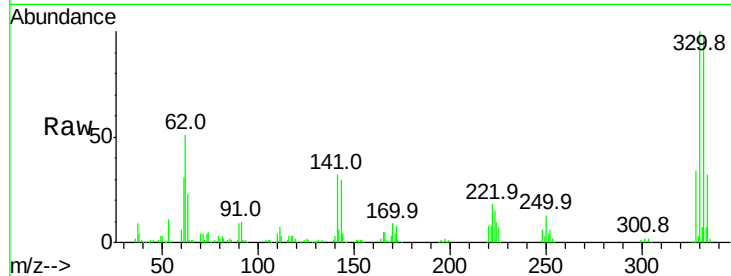
#41
 2,4,6-Tribromophenol
 Concen: 57.724 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.0	115.6	
141	31.0	29.9	44.9	

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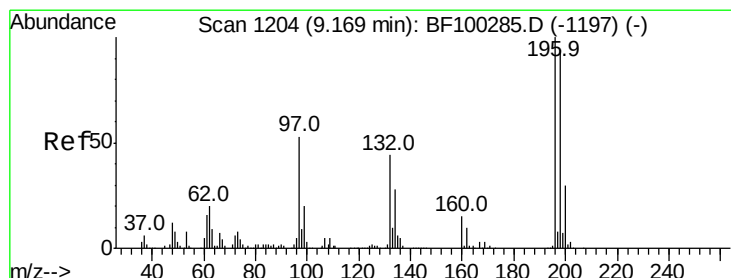
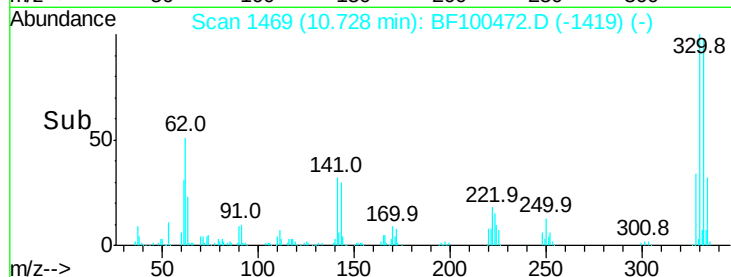
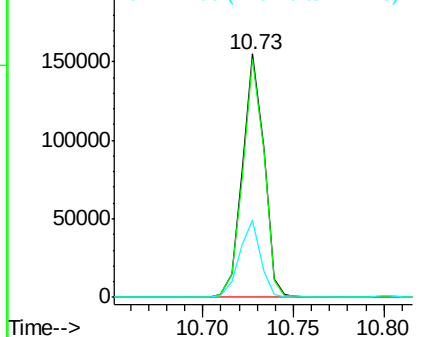


Abundance

Ion 329.80 (329.50 to 330.50): E

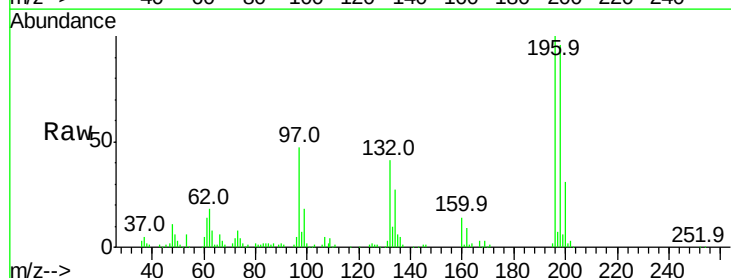
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.008 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	75.7	113.5	
200	31.1	24.5	36.7	

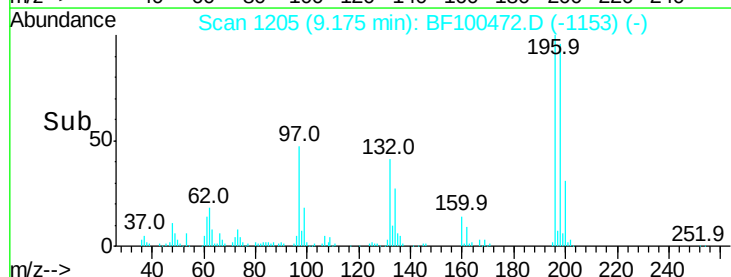
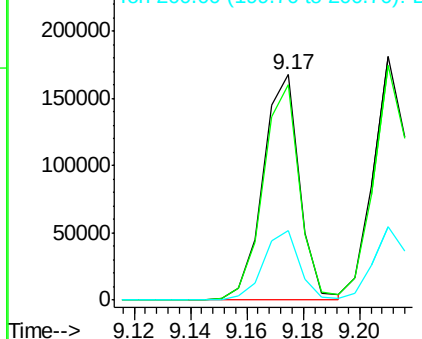


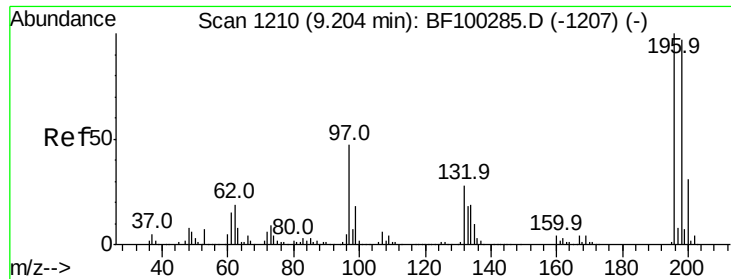
Abundance

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





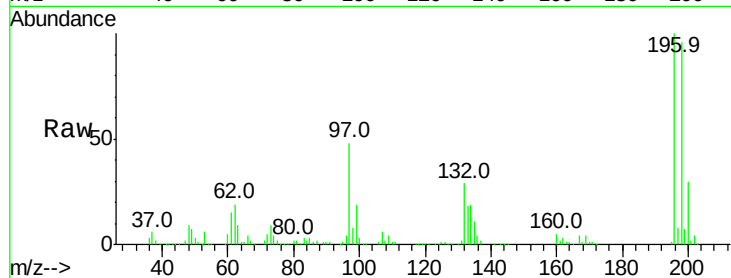
#43
 2,4,5-Trichlorophenol
 Concen: 32.219 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152588		
198	96.2	74.6	112.0	
97	48.1	42.9	64.3	
132	29.3	26.3	39.5	

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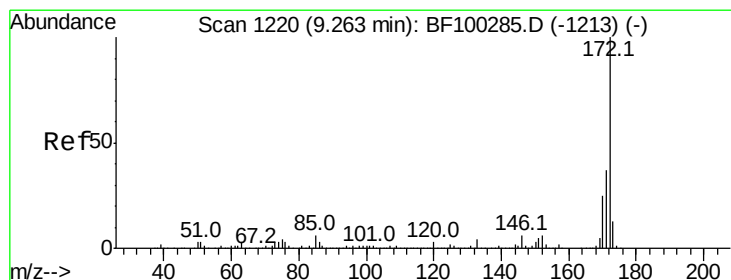
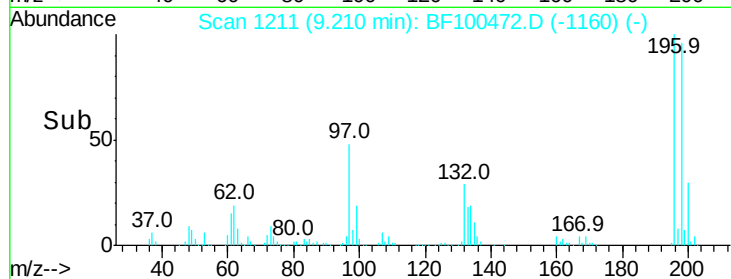
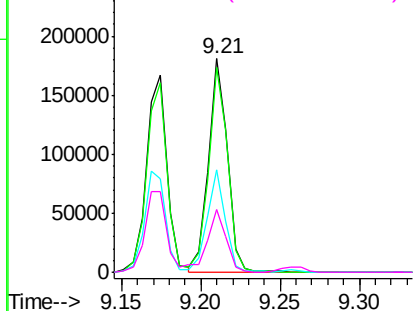
Abundance

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: 72.494 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

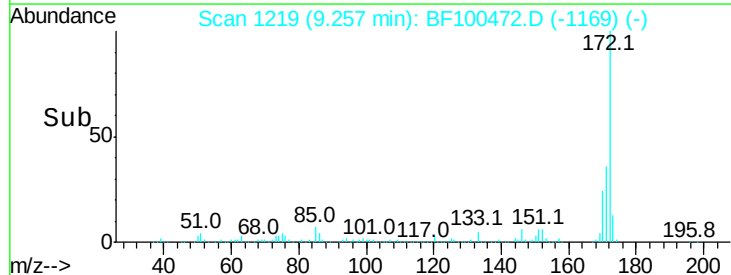
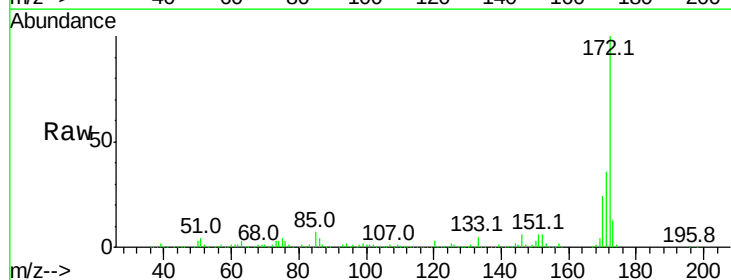
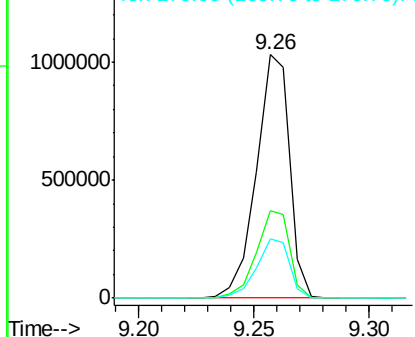
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1035317		
171	36.1	29.7	44.5	
170	24.2	19.6	29.4	

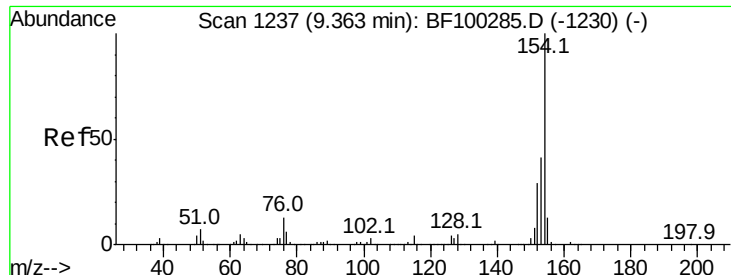
Abundance

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: 32.386 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

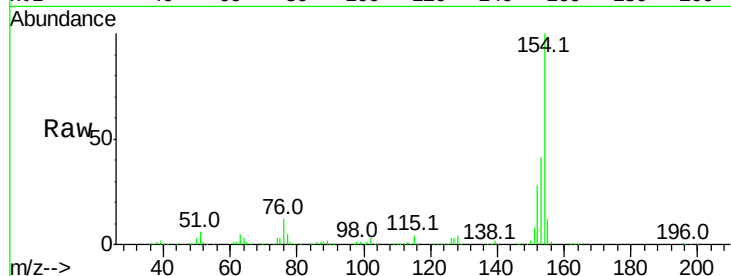
ClientSampleId :

PB104195BS

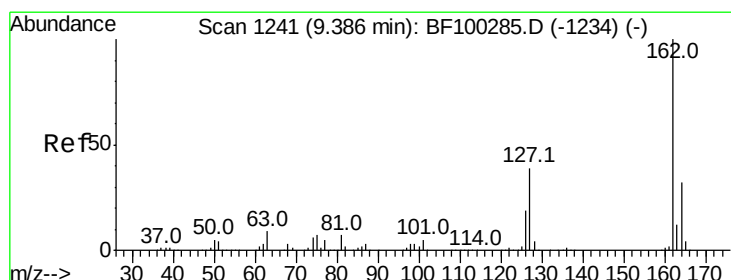
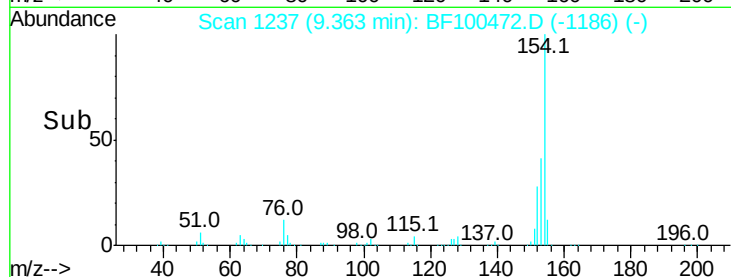
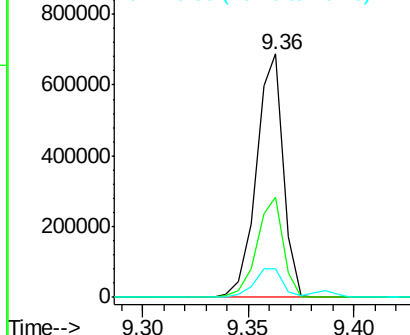
Tot Ion:	154	Resp:	609137
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	11.9	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 33.790 ng

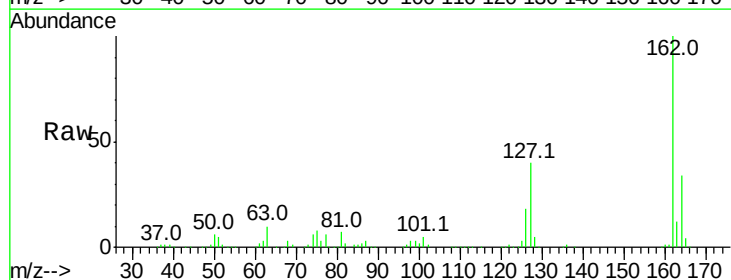
RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

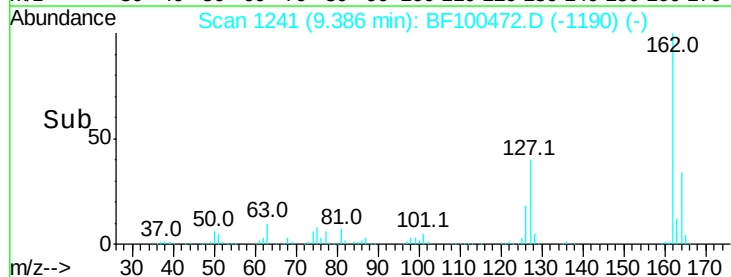
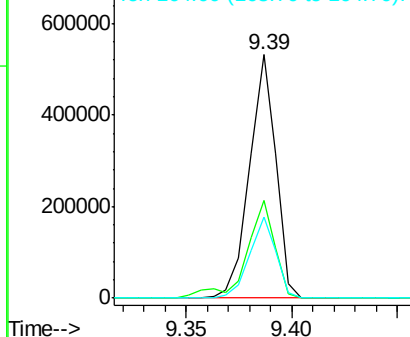
Lab File: BF100472.D

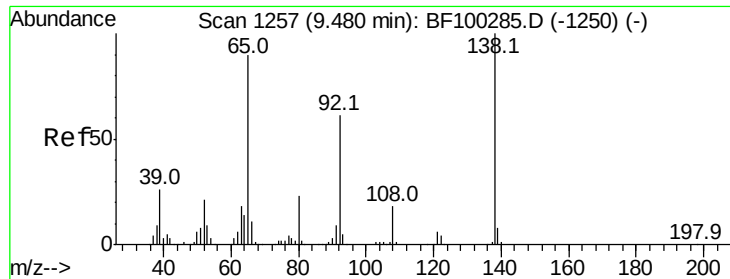
Acq: 12 Nov 2017 6:36

Tgt Ion:	162	Resp:	461060
Ion Ratio	Lower	Upper	
162	100		
127	40.2	33.9	50.9
164	33.6	26.5	39.7



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





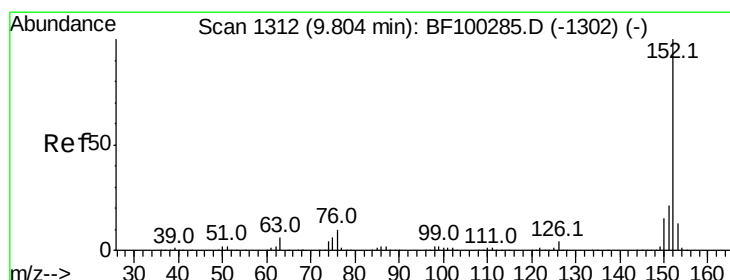
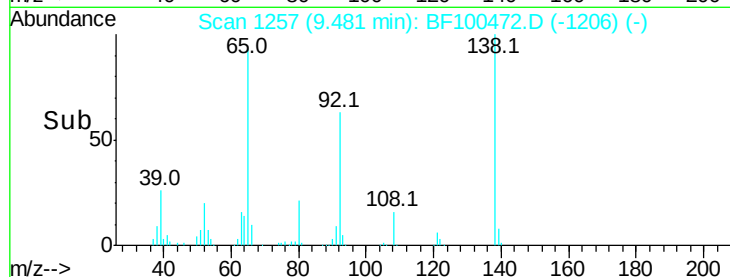
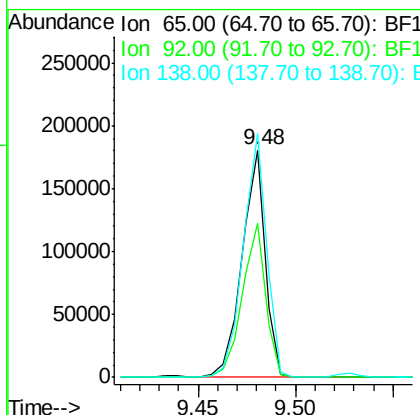
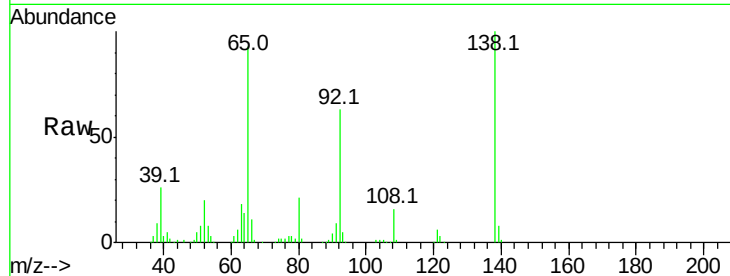
#47
2-Nitroaniline
Concen: 37.484 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	55.8	83.6
138	107.0	91.2	136.8

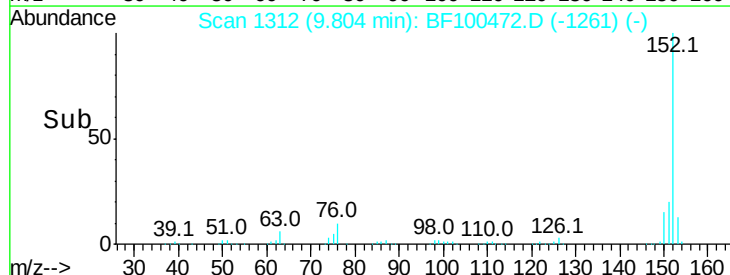
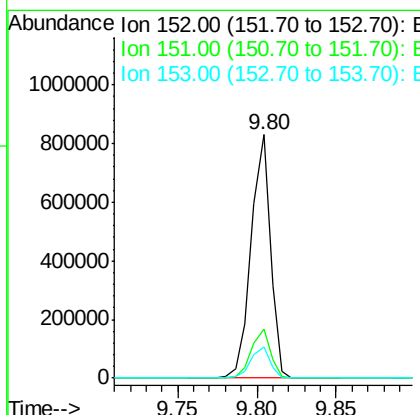
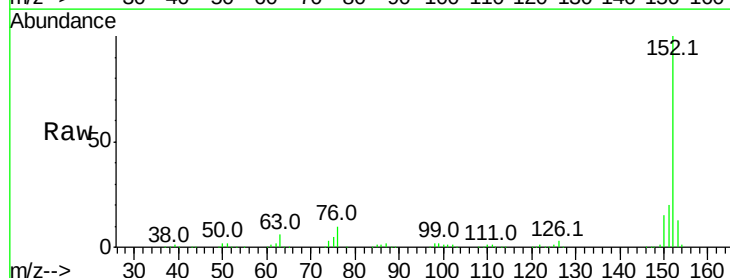
Manual Integrations
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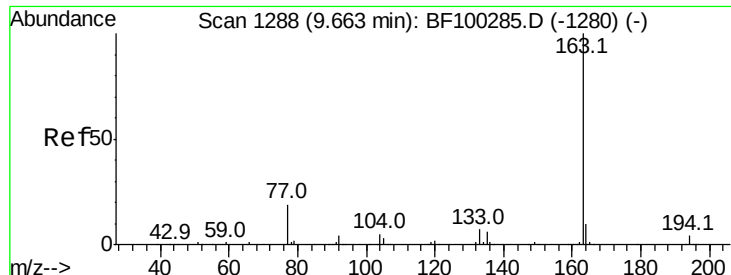
SOHIL
11/13/2017 4:54:02 PM



#48
Acenaphthylene
Concen: 31.170 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.0	10.7	16.1





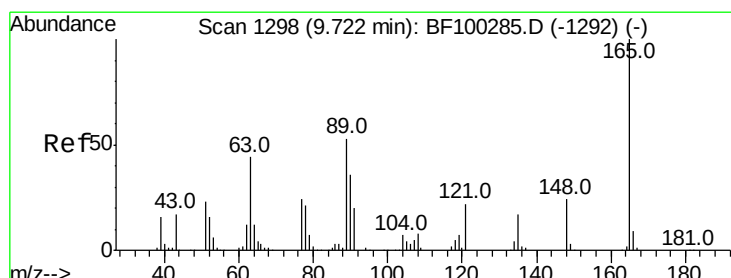
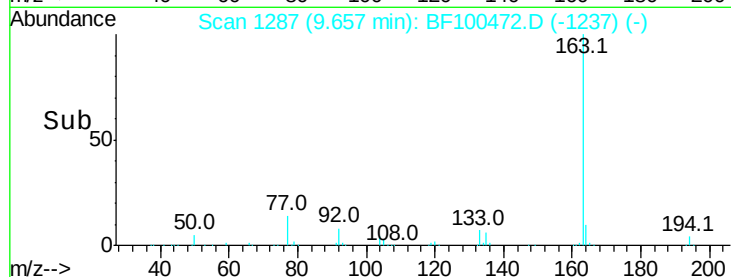
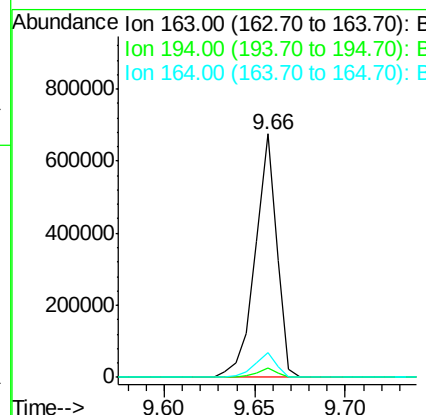
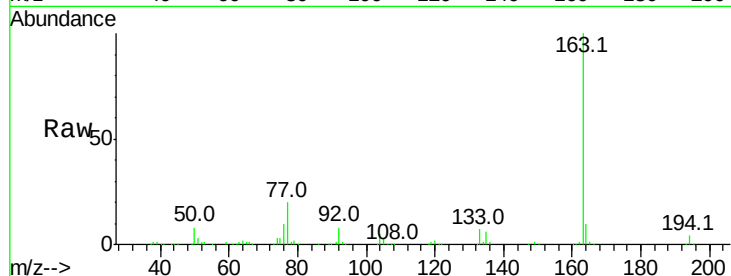
#49
Dimethylphthalate
Concen: 33.710 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampled :
PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	559709		
194	3.6		2.7	4.1
164	10.2		8.2	12.2

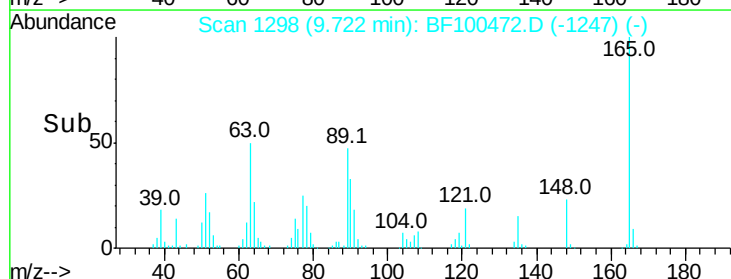
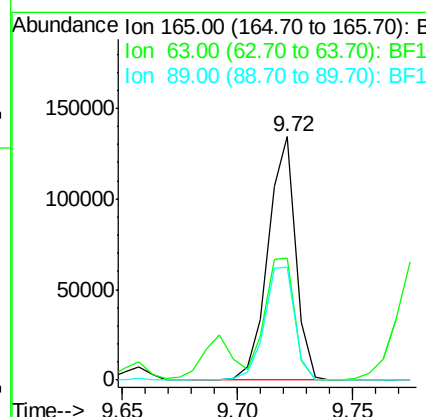
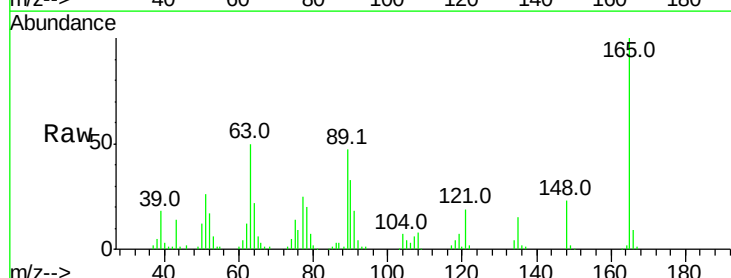
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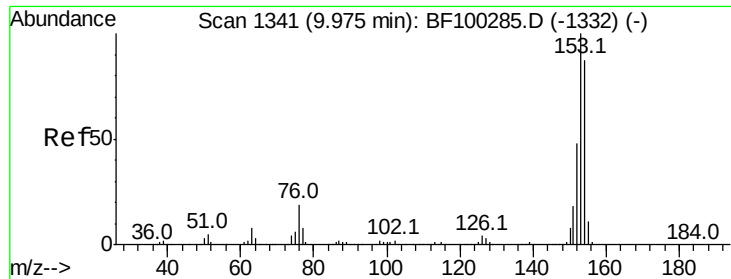
SOHIL
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#50
2,6-Dinitrotoluene
Concen: 34.168 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112298		
63	50.2		44.7	67.1
89	46.5		44.0	66.0





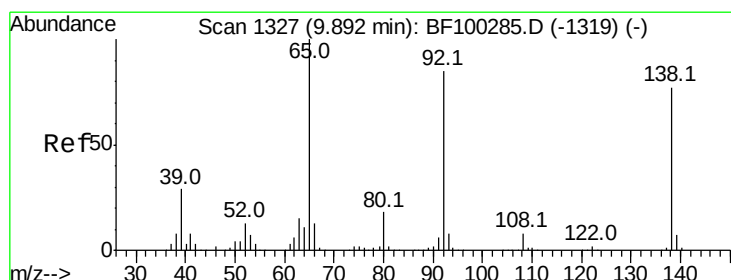
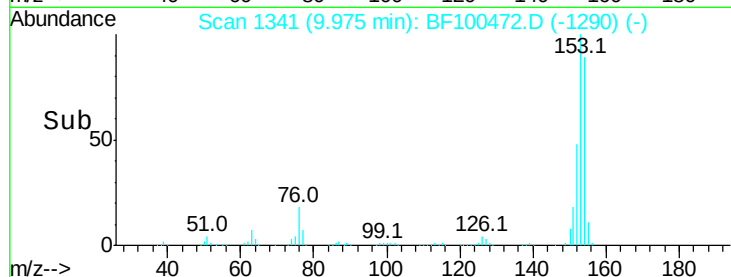
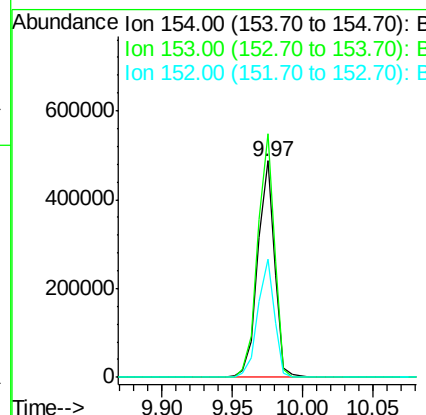
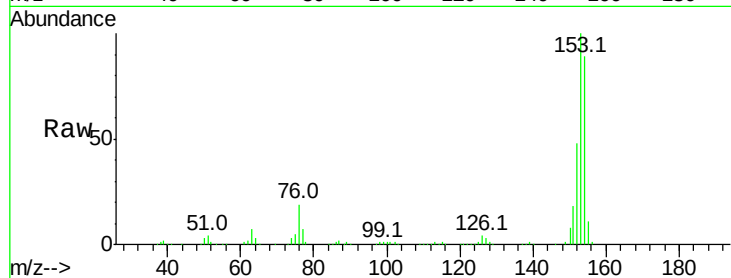
#51
Acenaphthene
Concen: 29.929 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	54.4	43.8	65.8

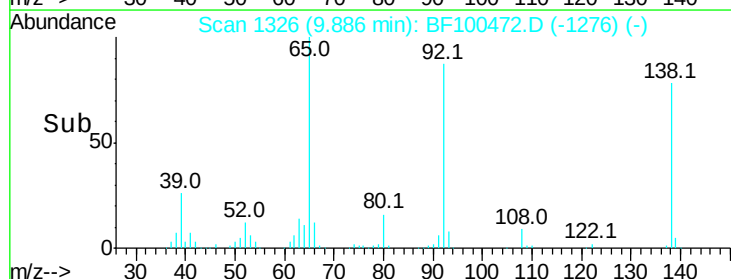
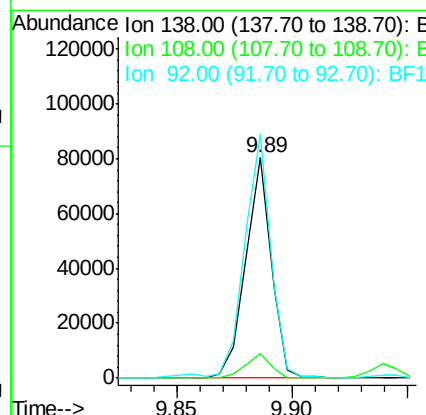
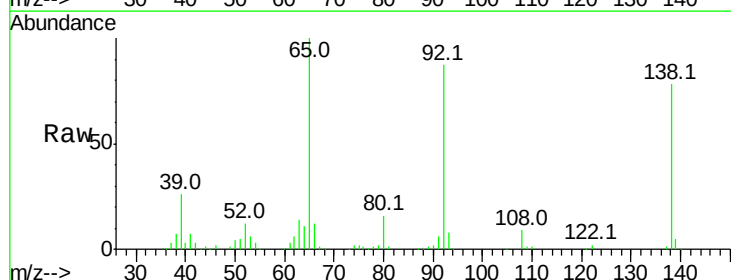
Manual Integrations
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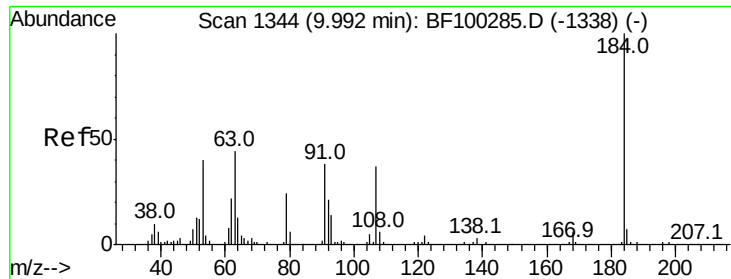
SOHIL
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#52
3-Nitroaniline
Concen: 16.170 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.0
92	110.5	89.4	134.2





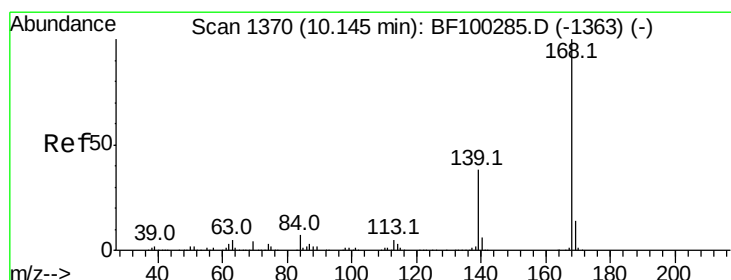
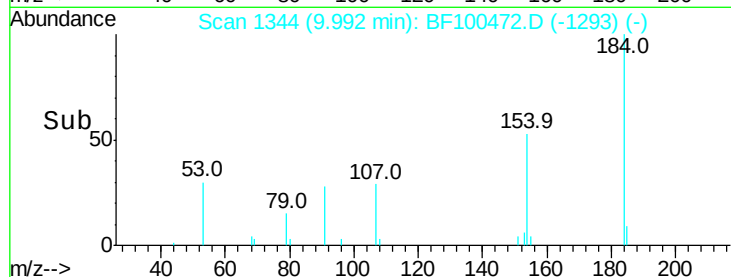
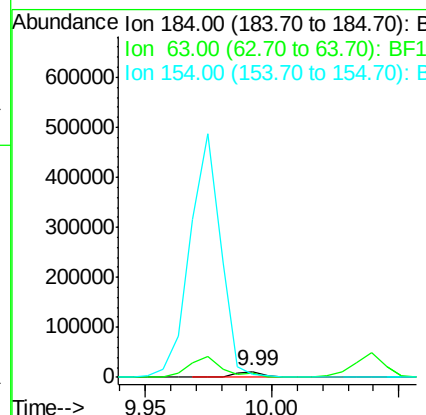
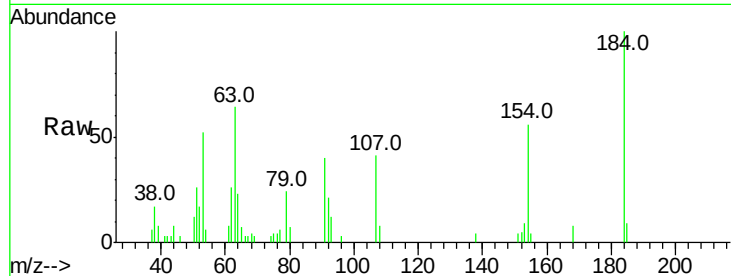
#53
 2,4-Dinitrophenol
 Concen: 16.864 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.6	54.2	81.2
154	56.3	184.0	276.0#

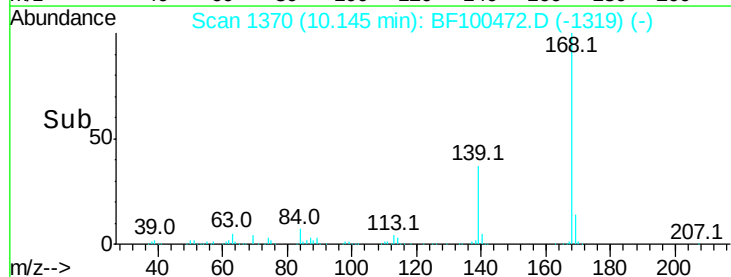
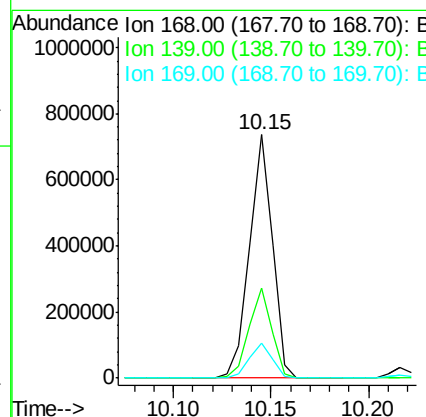
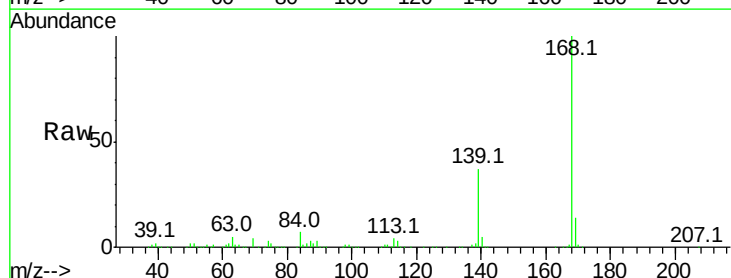
Manual Integrations
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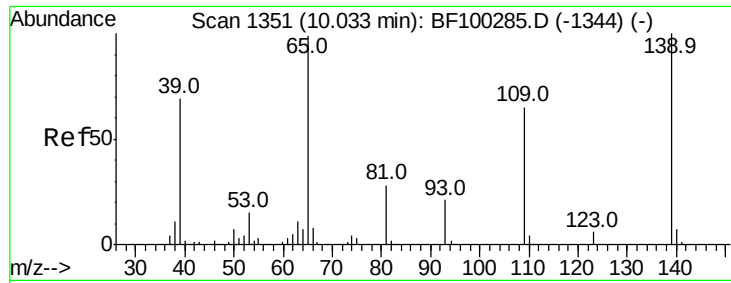
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#54
 Dibenzofuran
 Concen: 31.225 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

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





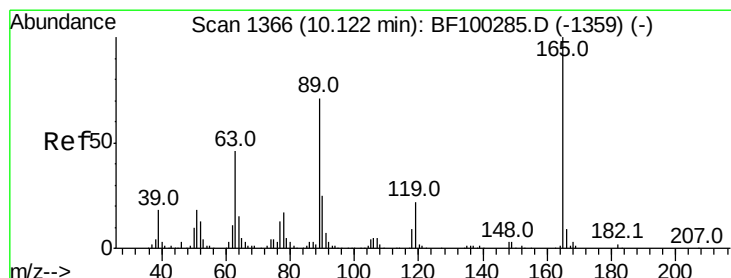
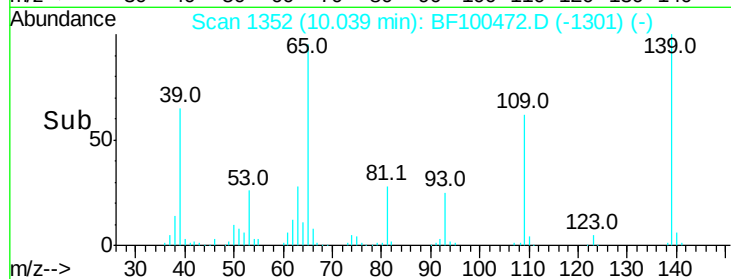
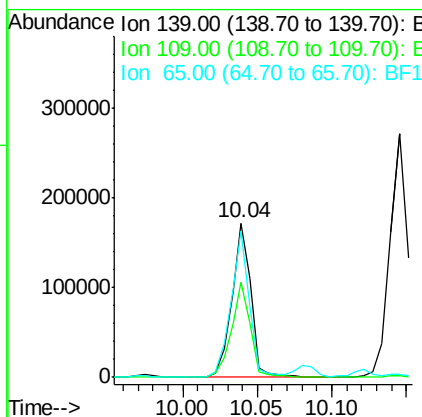
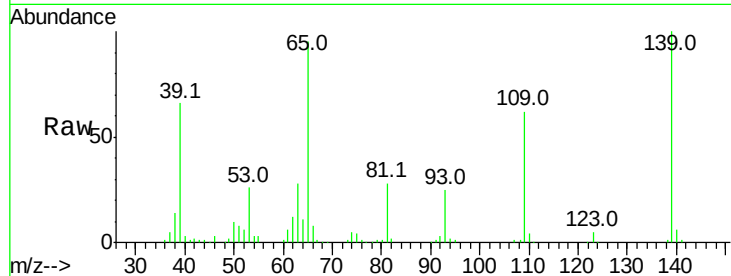
#55
4-Nitrophenol
Concen: 49.860 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	157126		
109	61.7	48.4	88.4	
65	94.9	72.6	112.6	

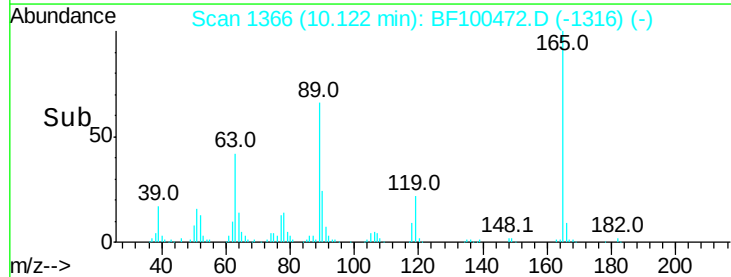
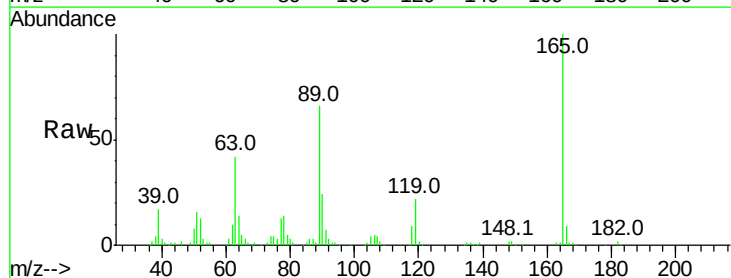
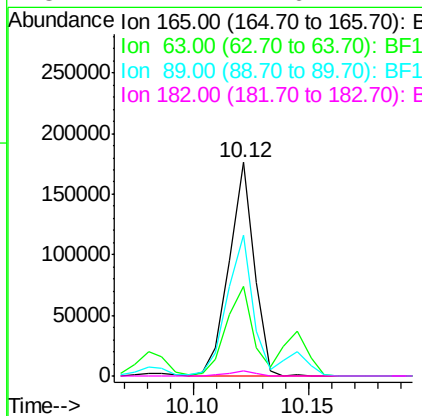
Manual Integrations
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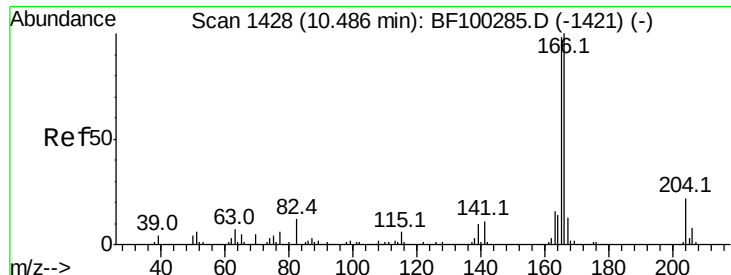
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11/13/2017 4:54:02 PM



#56
2,4-Dinitrotoluene
Concen: 32.490 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134709		
63	41.9	36.4	54.6	
89	66.1	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 30.668 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

Tot Ion:166 Resp: 433043

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

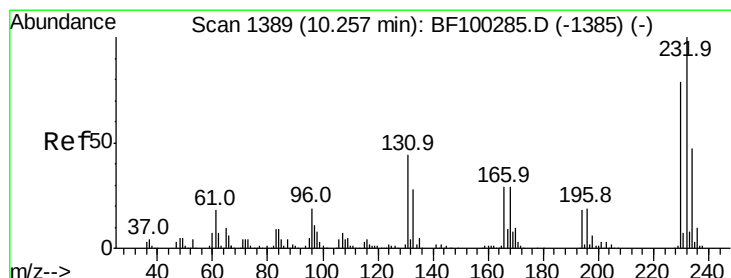
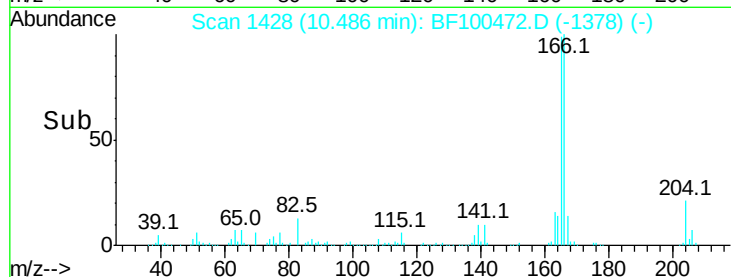
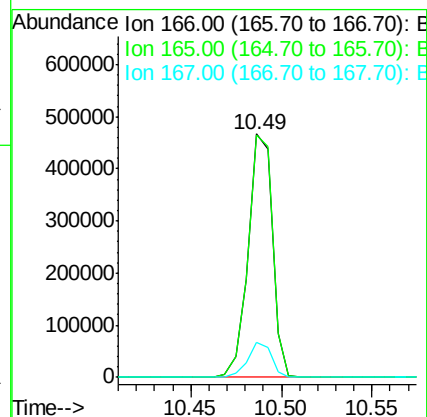
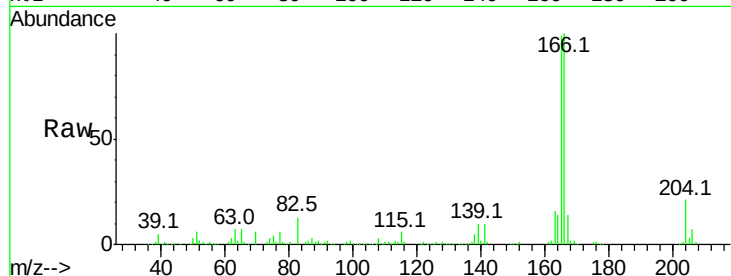
167 14.1 10.6 16.0

Manual Integrations

APPROVED

SOHIL

11/13/2017 4:54:02 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.623 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:232 Resp: 111100

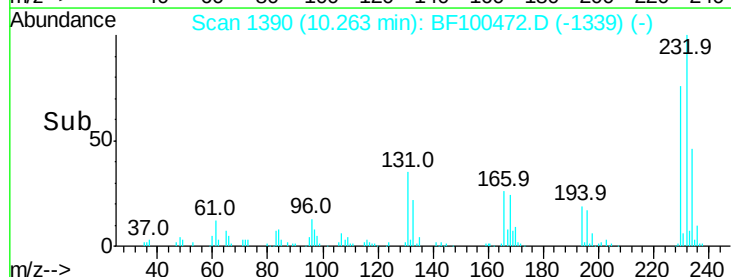
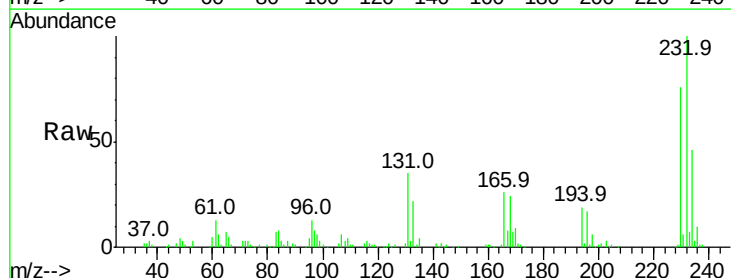
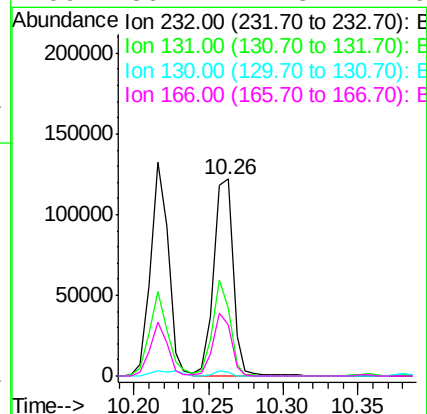
Ion Ratio Lower Upper

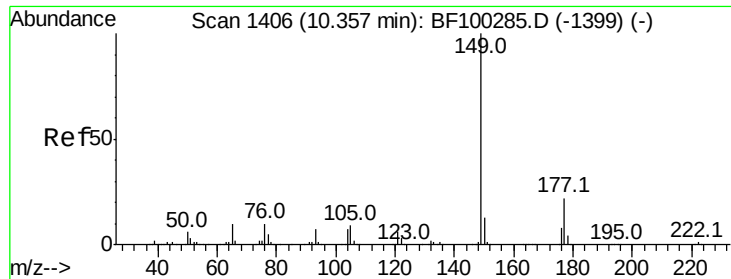
232 100

131 43.3 43.8 65.8#

130 2.1 2.1 3.1#

166 30.1 27.8 41.6





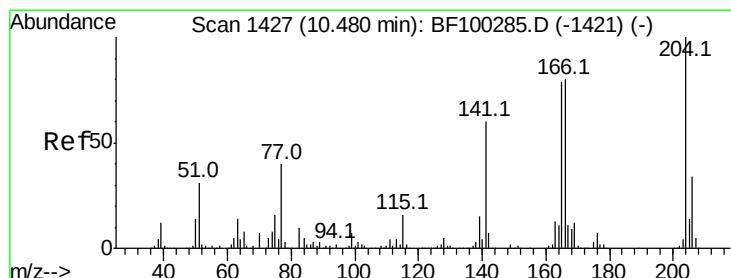
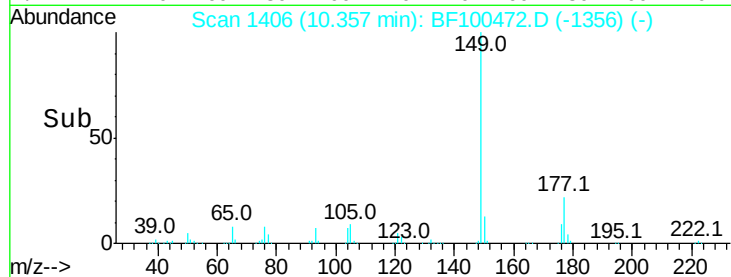
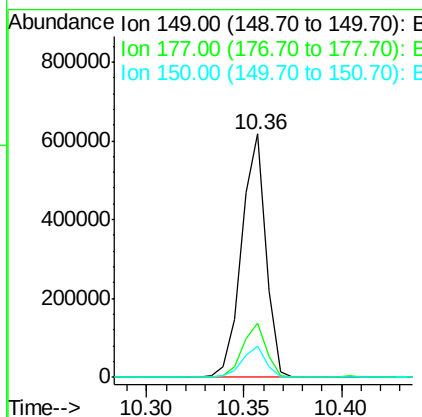
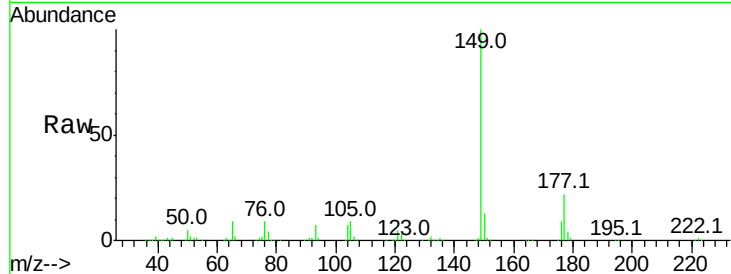
#59
Diethylphthalate
Concen: 31.929 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	530518		
177	22.4	16.1	24.1	
150	12.5	10.1	15.1	

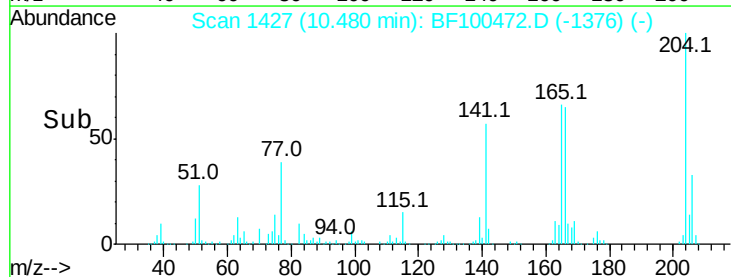
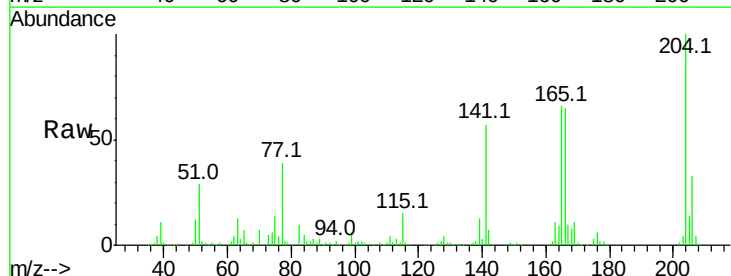
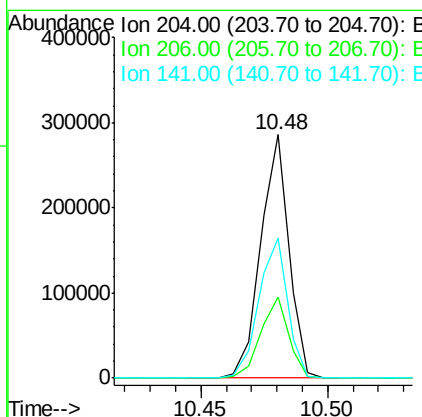
Manual Integrations
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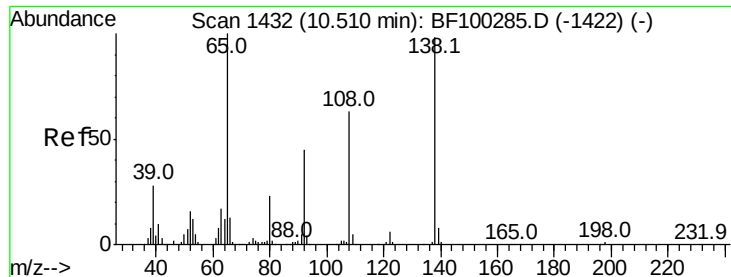
SOHIL
11/13/2017 4:54:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.228 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	223239		
206	33.3	26.5	39.7	
141	57.4	54.6	81.8	





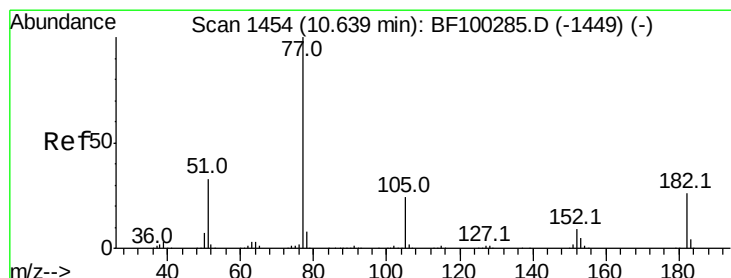
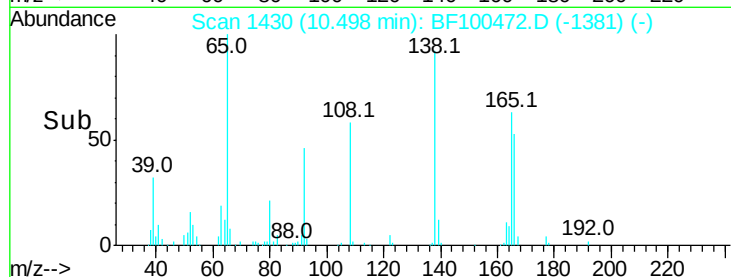
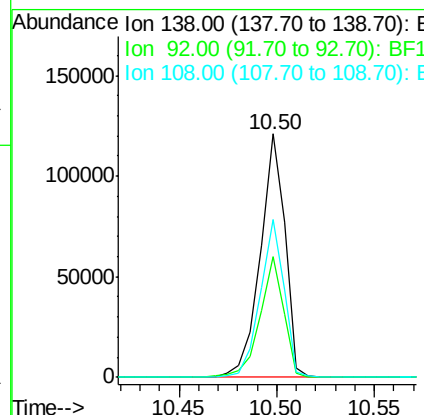
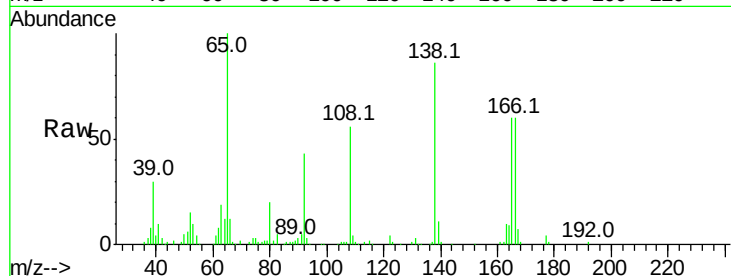
#61
4-Nitroaniline
Concen: 28.859 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.8	30.2	70.2
108	65.0	52.5	92.5

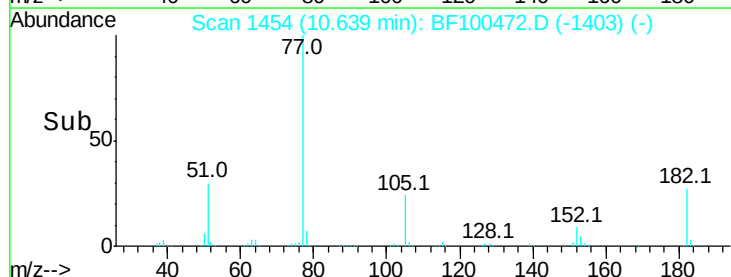
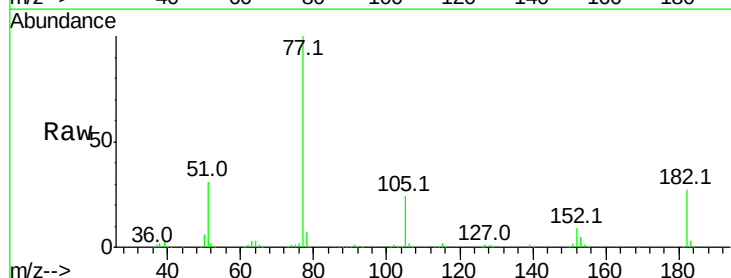
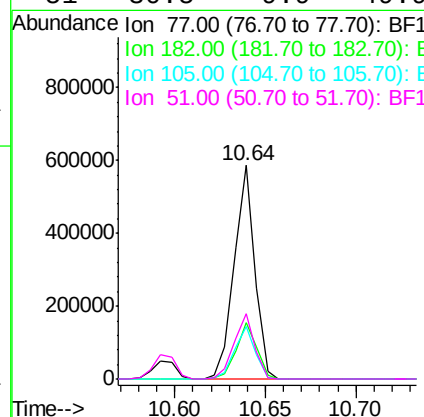
Manual Integrations
APPROVED

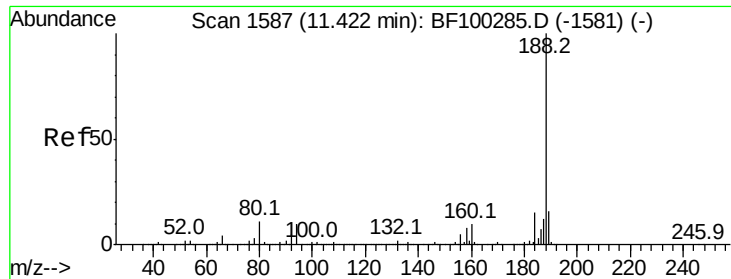
SOHIL
11/13/2017 4:54:02 PM



#62
Azobenzene
Concen: 29.898 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.6	1.7	41.7
105	24.3	3.0	43.0
51	30.5	9.9	49.9





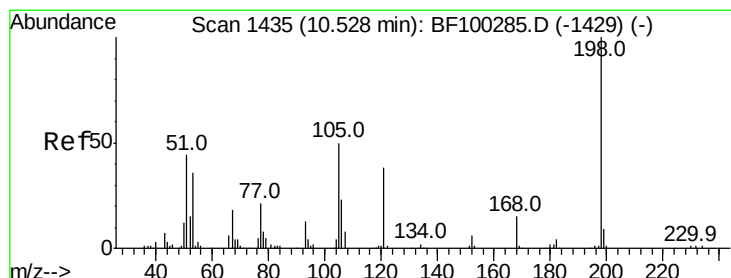
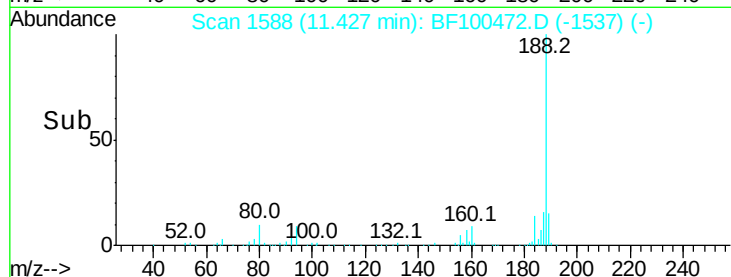
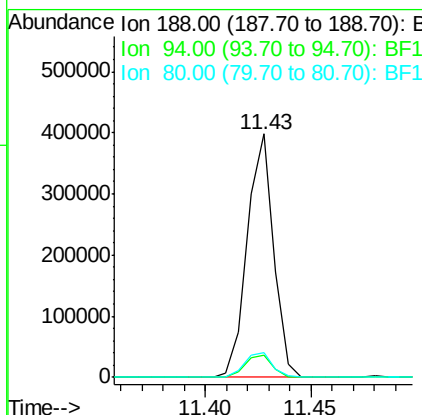
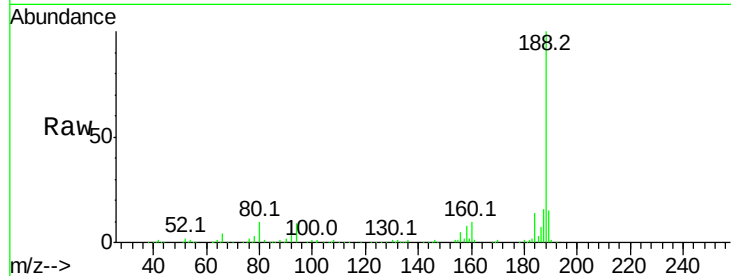
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	344959		
94	9.1		8.5	12.7
80	10.3		9.2	13.8

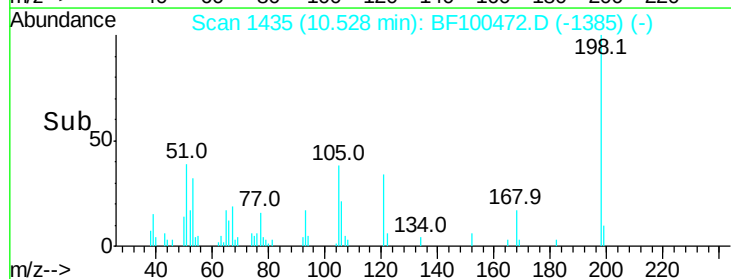
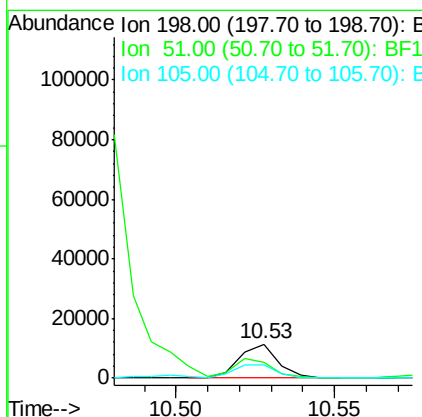
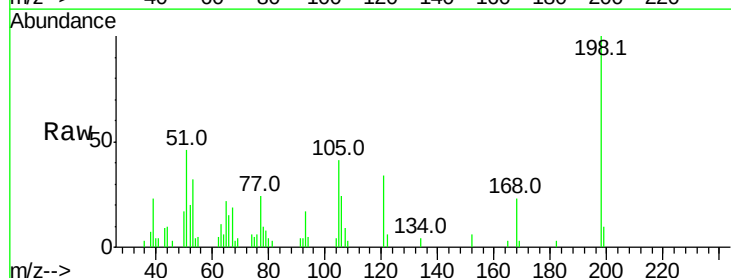
Manual Integrations
APPROVED

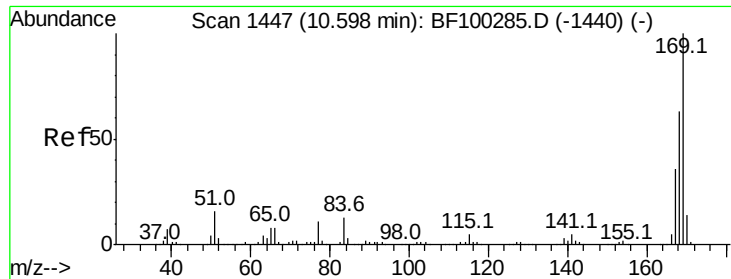
SOHIL
11/13/2017 4:54:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 13.050 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	9500		
51	46.0		37.7	77.7
105	41.0		36.3	76.3





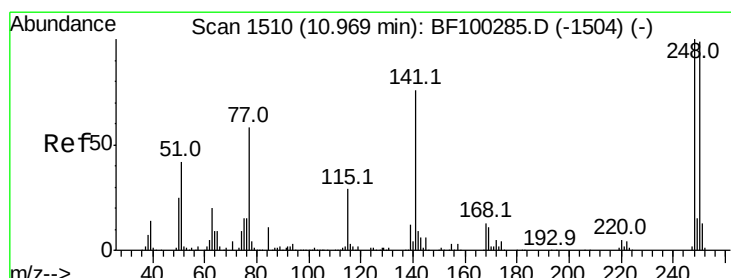
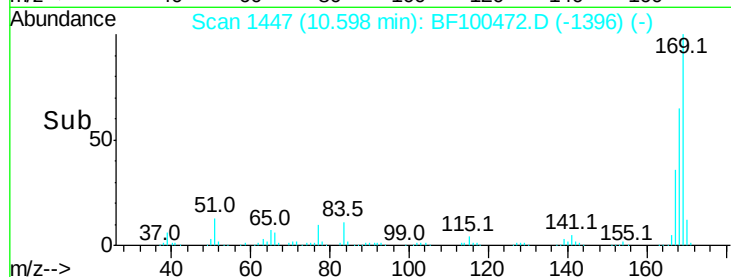
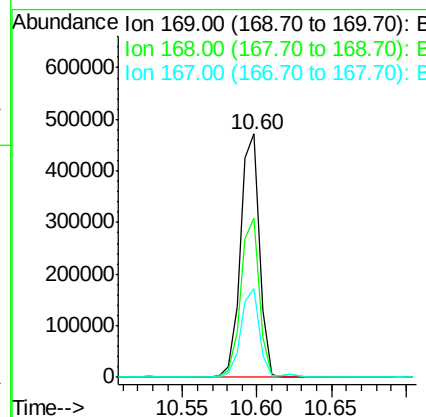
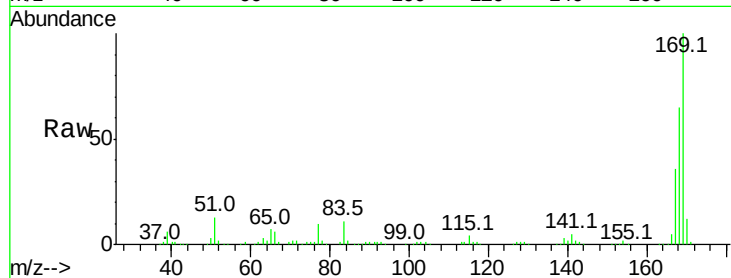
#65
 n-Nitrosodiphenylamine
 Concen: 35.310 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	423522		
168	65.1		54.4	81.6
167	36.3		29.8	44.6

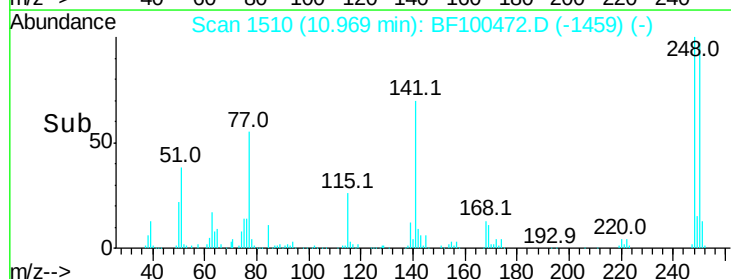
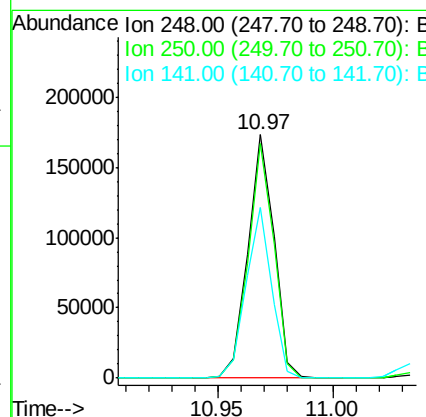
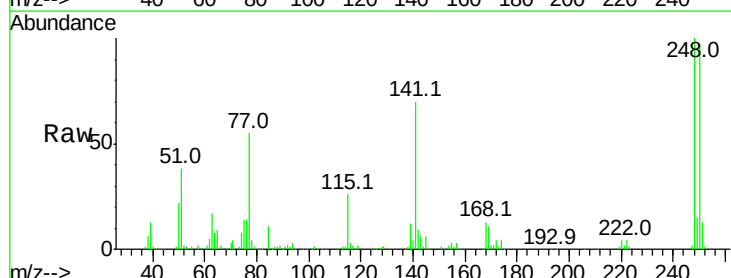
Manual Integrations
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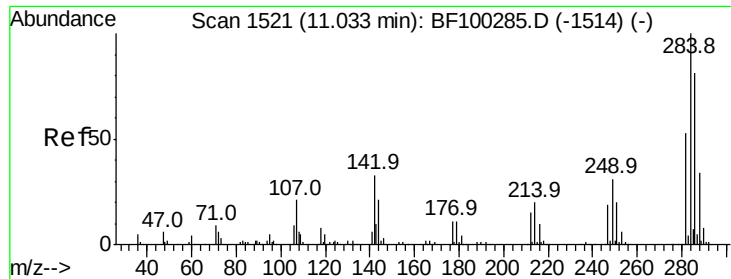
SOHIL
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#66
 4-Bromophenyl-phenylether
 Concen: 37.119 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	137262		
250	96.6		76.9	115.3
141	70.2		74.4	111.6#





#67

Hexachlorobenzene

Concen: 33.617 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

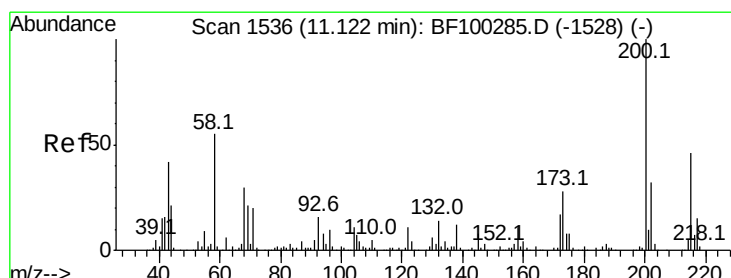
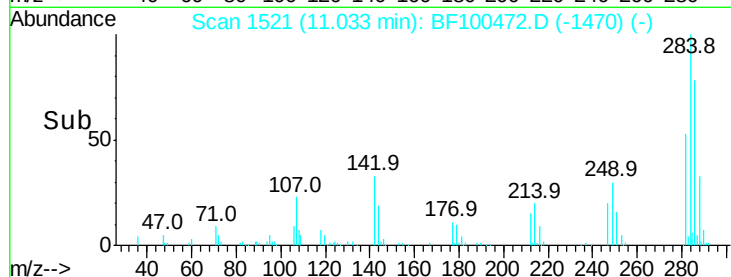
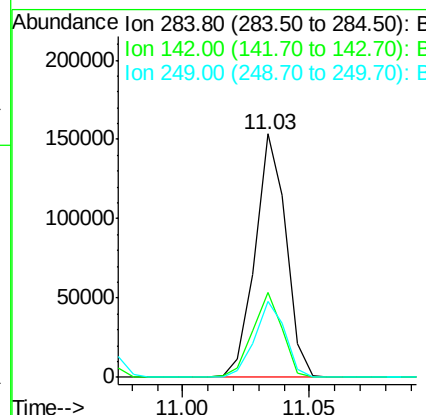
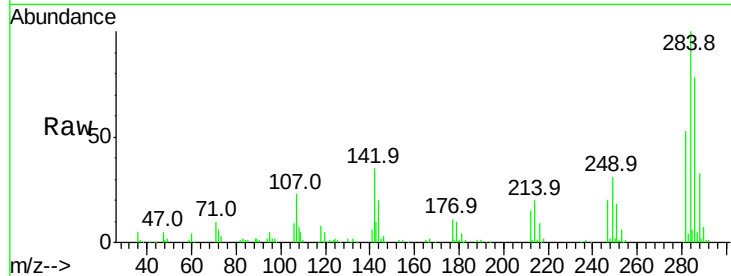
ClientSampleId :

PB104195BS

Tot Ion:	284	Resp:	130018
Ion Ratio	Lower	Upper	
284	100		
142	35.0	34.6	52.0
249	31.4	24.8	37.2

Manual Integrations
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11/13/2017 4:54:02 PM



#68

Atrazine

Concen: 36.433 ng

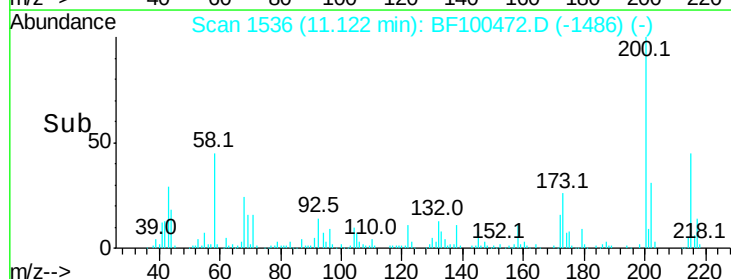
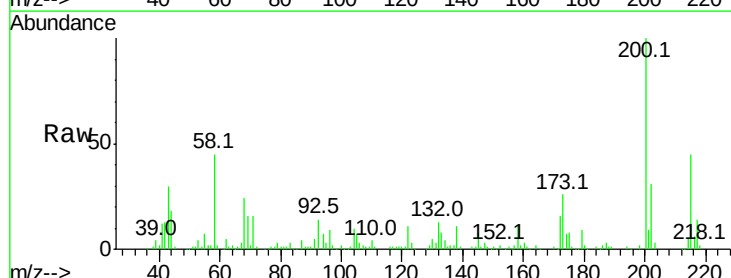
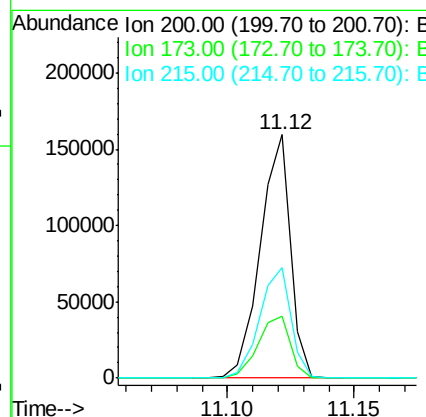
RT: 11.12 min Scan# 1536

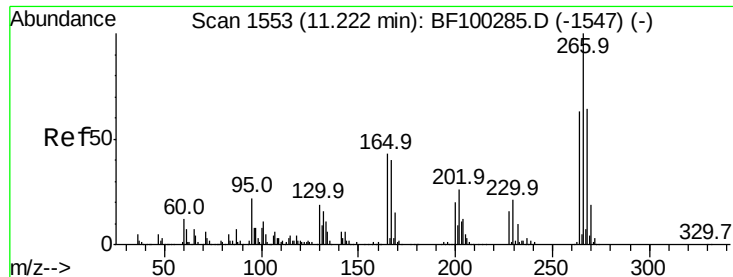
Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:	200	Resp:	132281
Ion Ratio	Lower	Upper	
200	100		
173	25.6	8.6	48.6
215	45.2	25.1	65.1





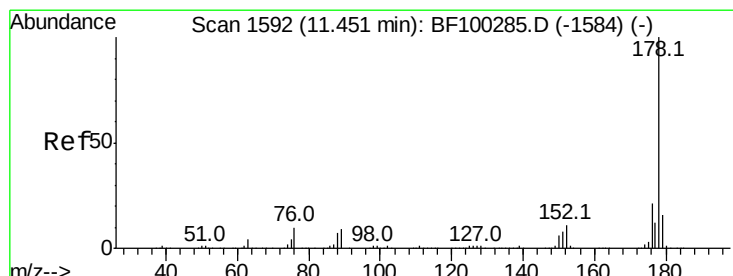
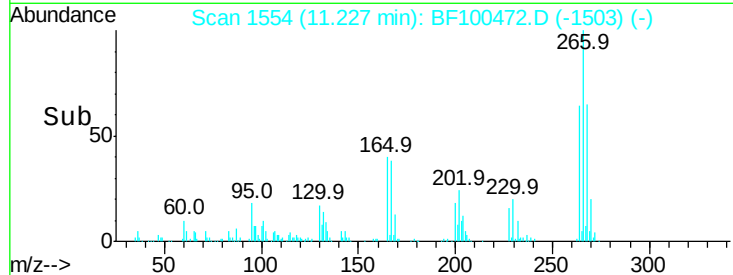
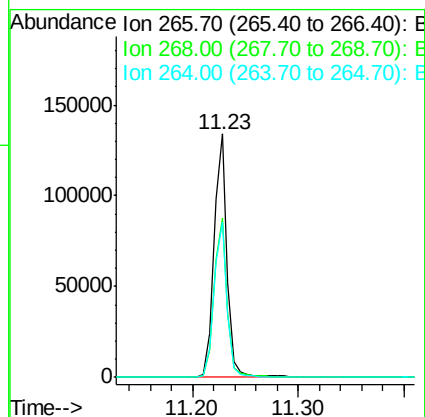
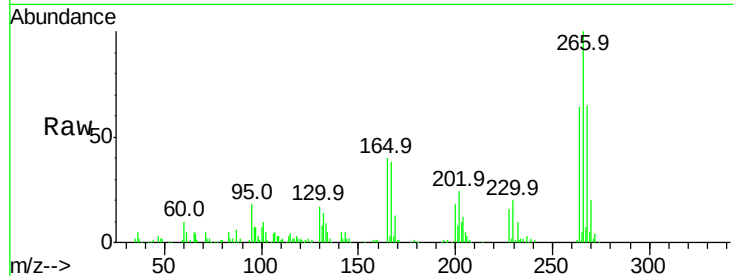
#69
 Pentachlorophenol
 Concen: 42.289 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	117280		
268	65.3		51.1	76.7
264	64.0		49.5	74.3

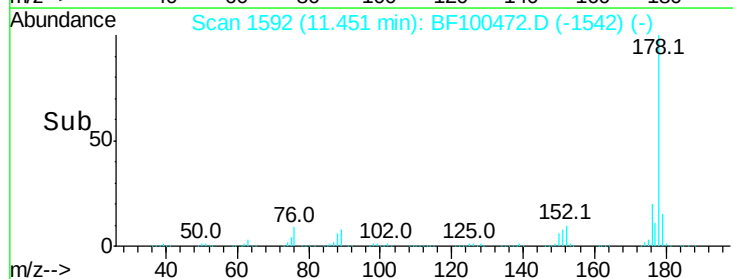
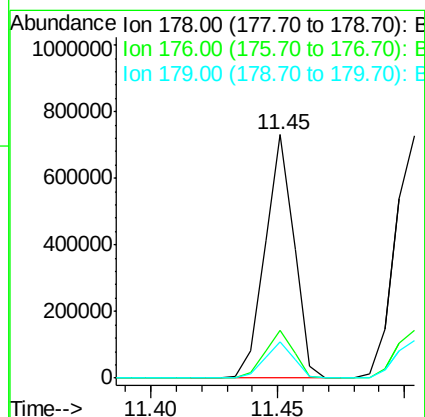
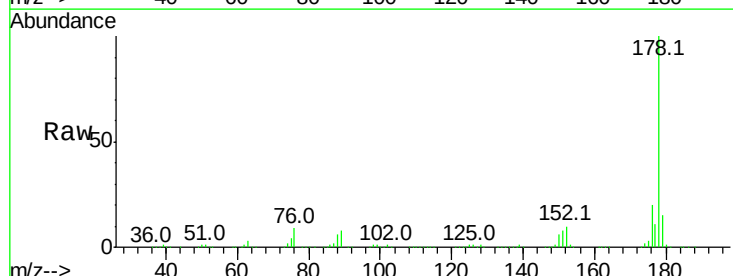
Manual Integrations
 APPROVED

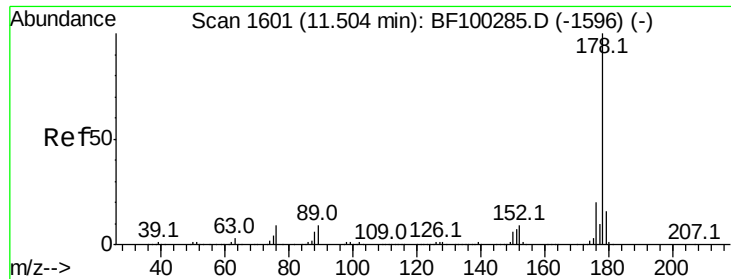
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#70
 Phenanthrene
 Concen: 32.198 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	584802		
176	19.8		15.8	23.8
179	15.1		13.0	19.6





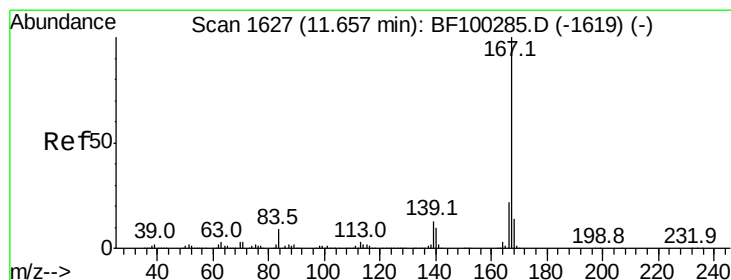
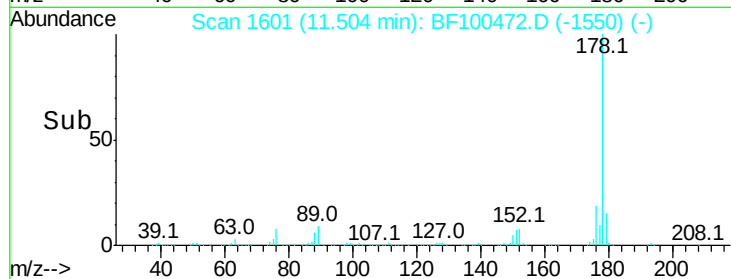
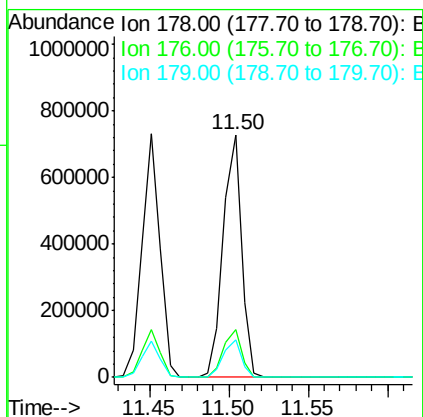
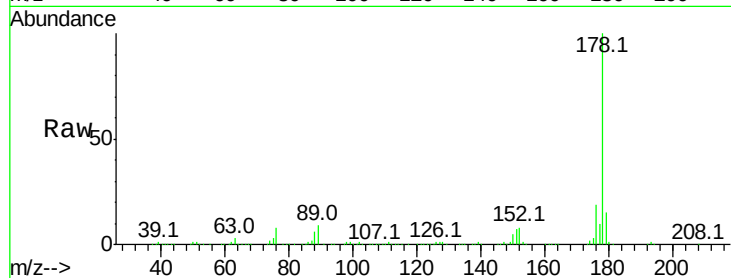
#71
 Anthracene
 Concen: 32.173 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.6	19.0

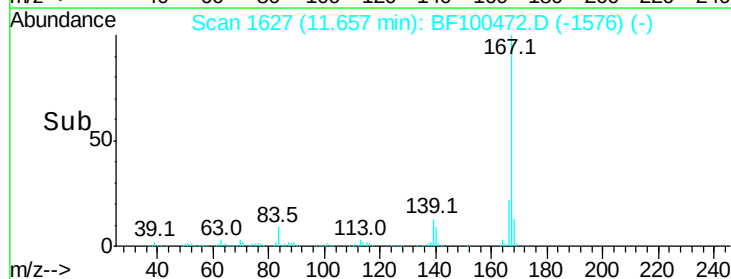
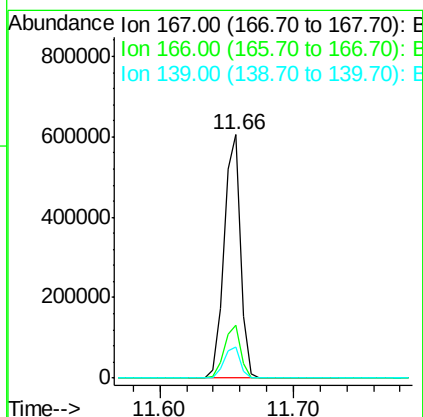
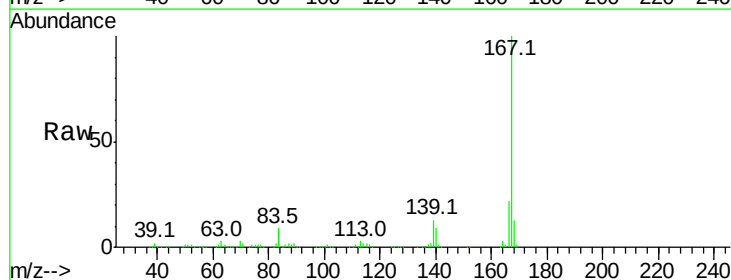
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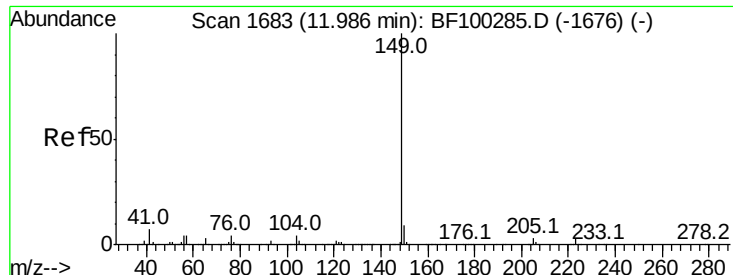
SOHIL
 11/13/2017 4:54:02 PM



#72
 Carbazole
 Concen: 30.986 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.557 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

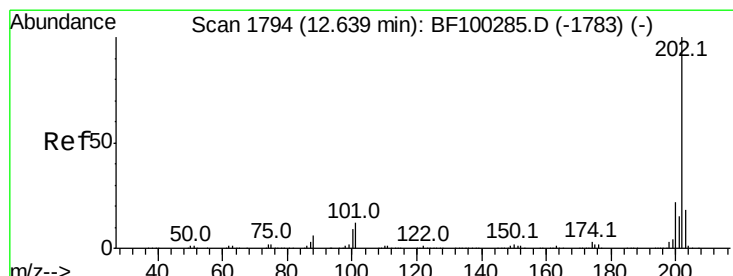
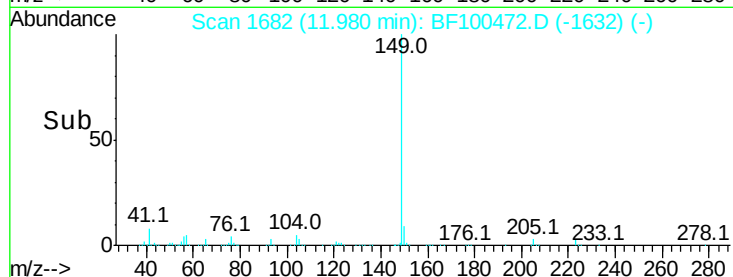
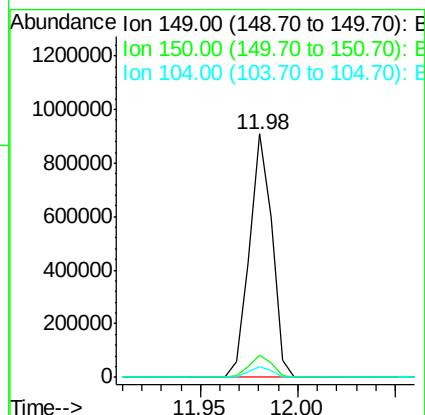
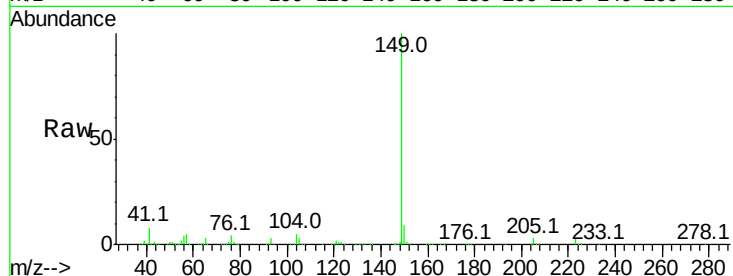
ClientSampleId :

PB104195BS

Tot Ion:	149	Resp:	727381
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.6	3.8	5.8

Manual Integrations
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11/13/2017 4:54:02 PM



#74

Fluoranthene

Concen: 29.930 ng

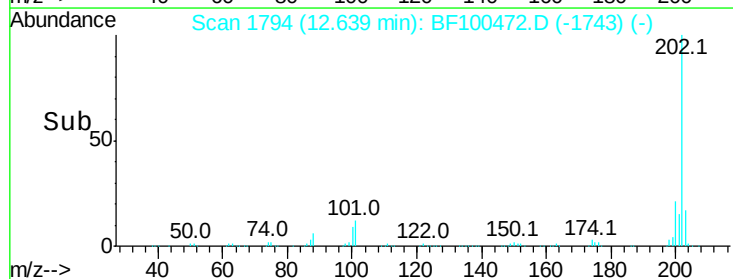
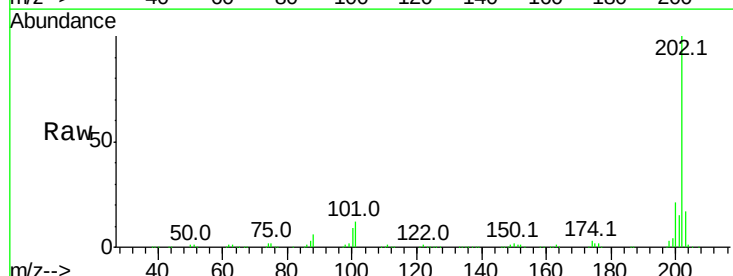
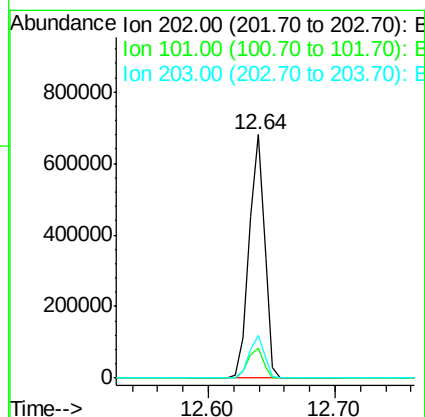
RT: 12.64 min Scan# 1794

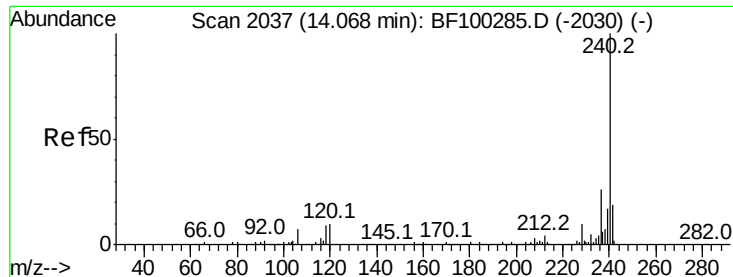
Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:	202	Resp:	576121
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

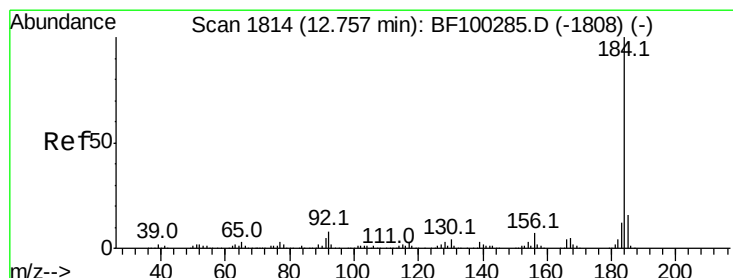
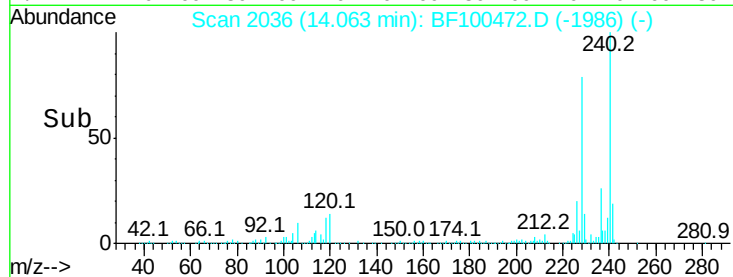
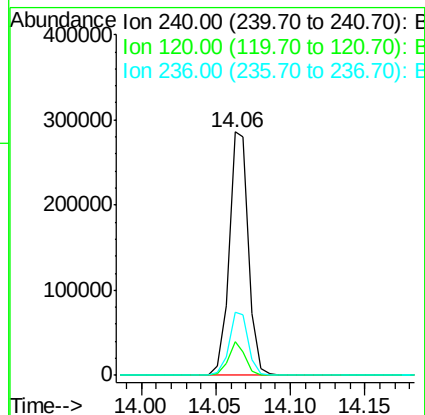
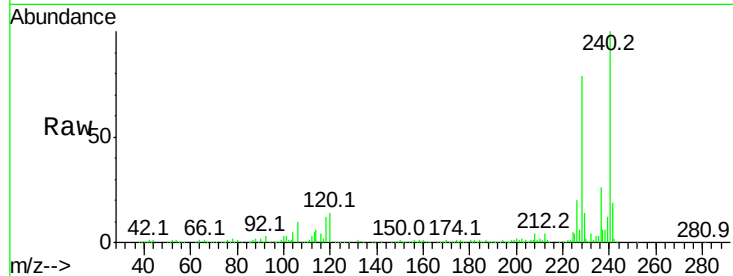
ClientSampleId :

PB104195BS

Tot Ion:	240	Resp:	263972
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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11/13/2017 4:54:02 PM



#76

Benzidine

Concen: 22.134 ng

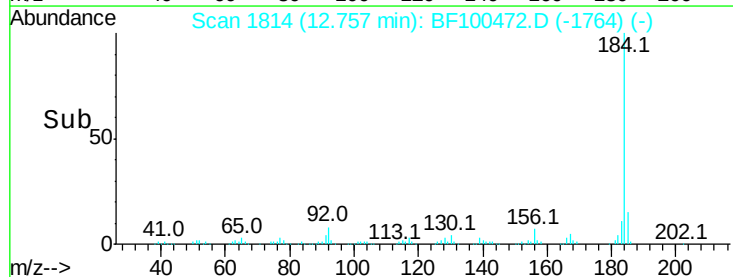
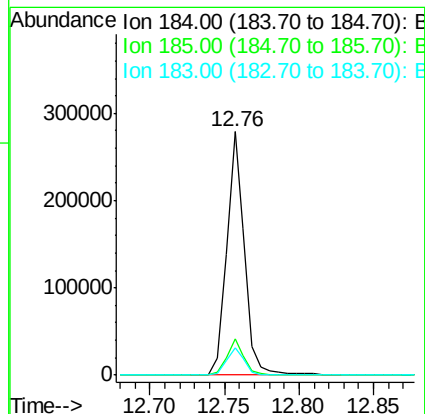
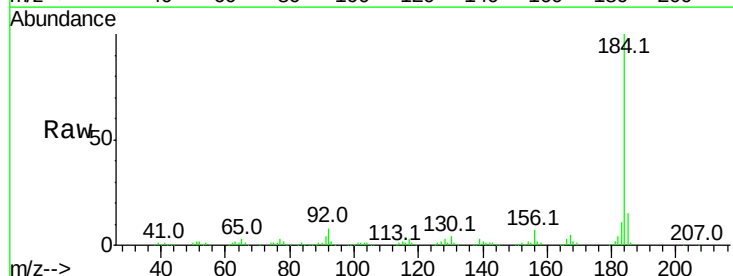
RT: 12.76 min Scan# 1814

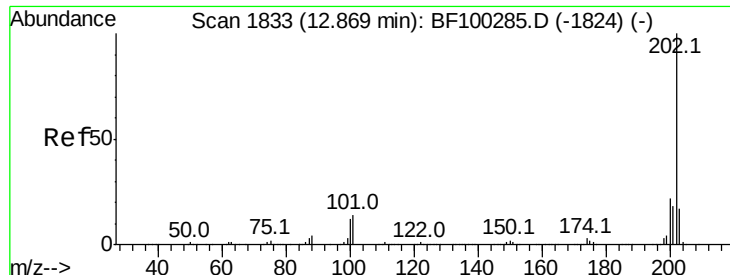
Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:	184	Resp:	233989
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	11.1	9.3	13.9





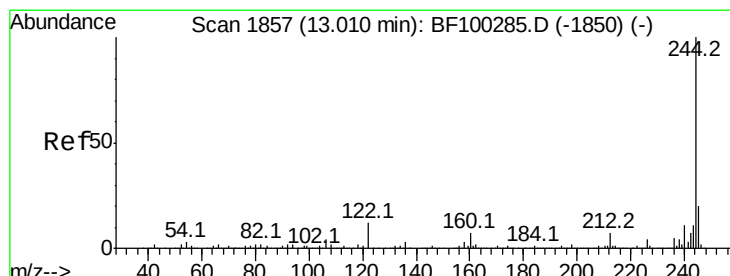
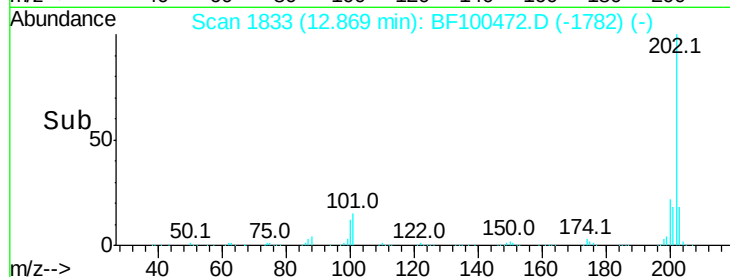
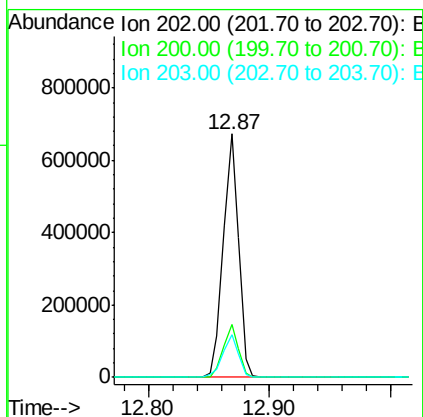
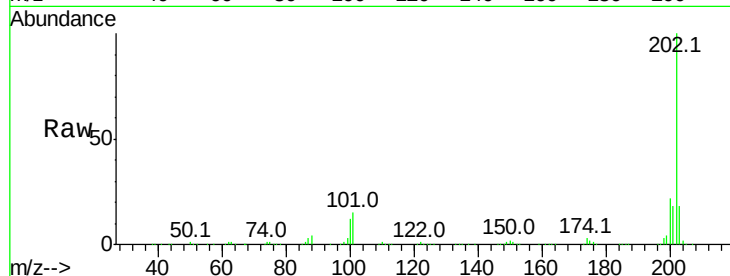
#77
Pvrene
Concen: 31.257 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

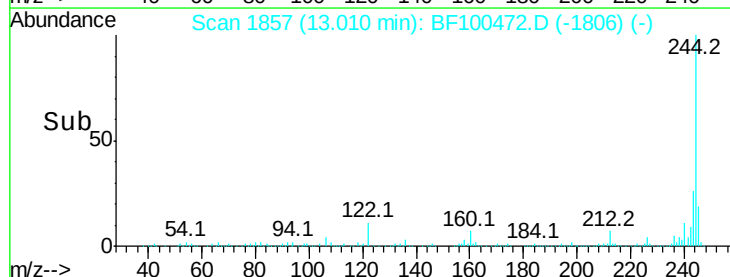
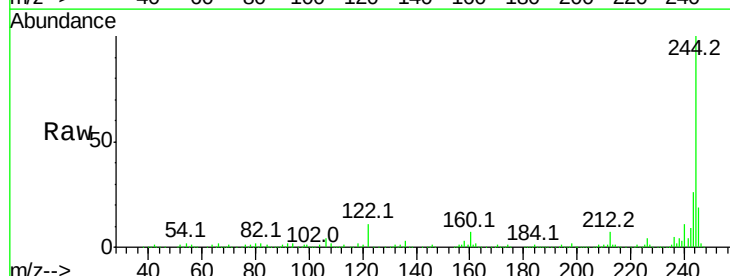
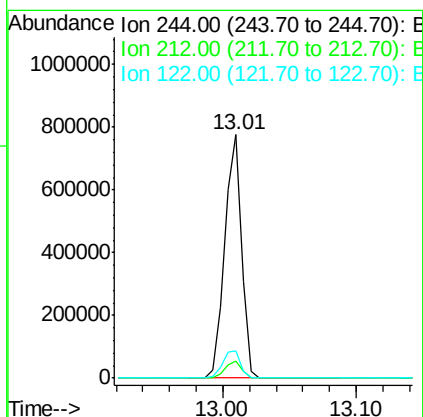
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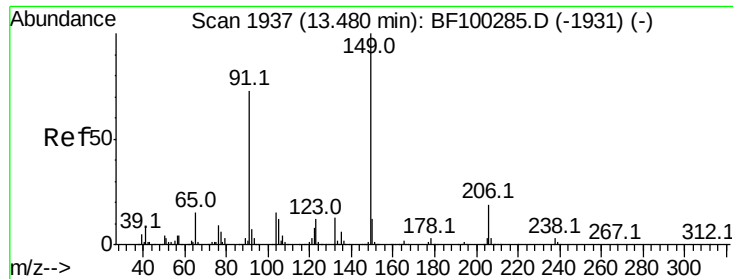
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#78
Terphenyl-d14
Concen: 60.351 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.2	11.0	16.4





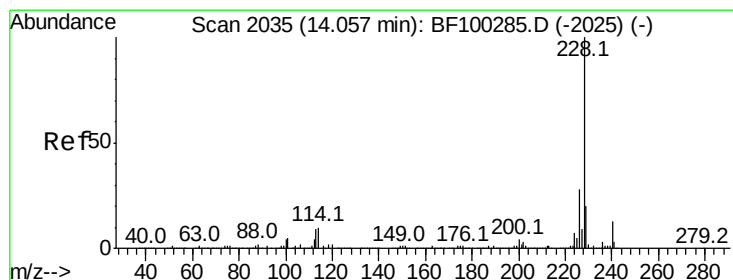
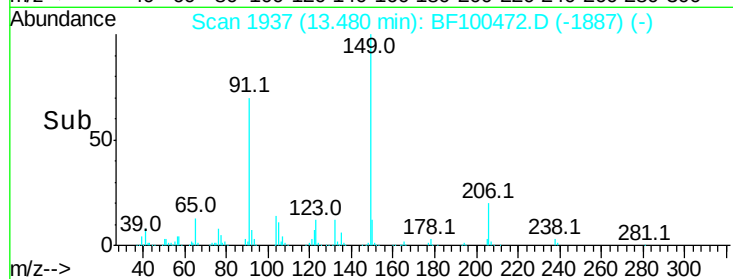
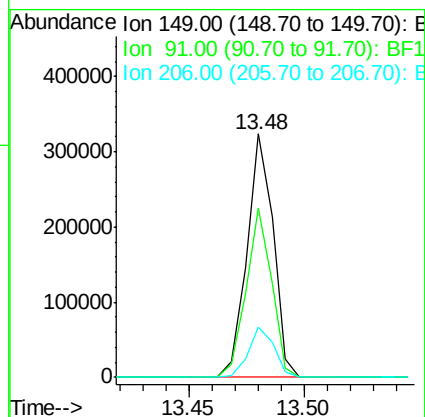
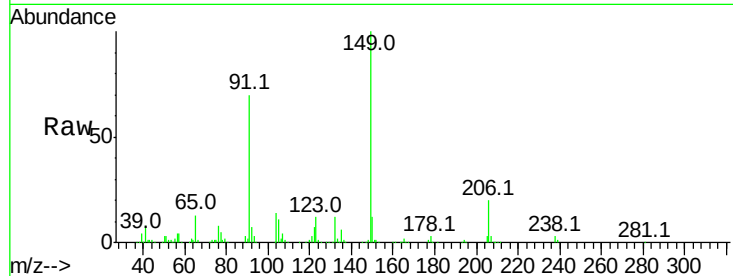
#79
Butylbenzylphthalate
Concen: 33.565 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.7	56.8	85.2
206	20.5	14.1	21.1

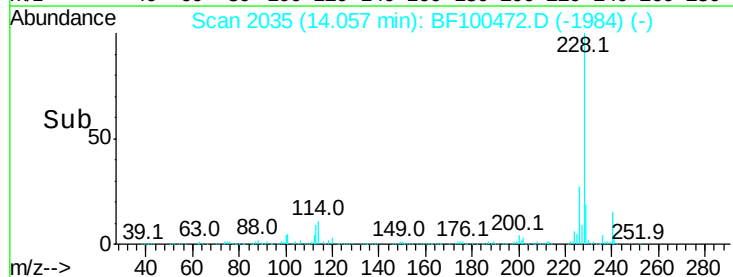
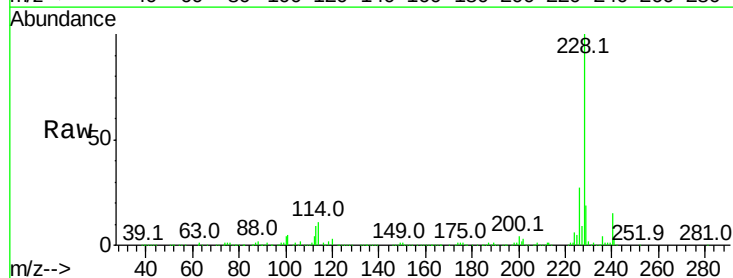
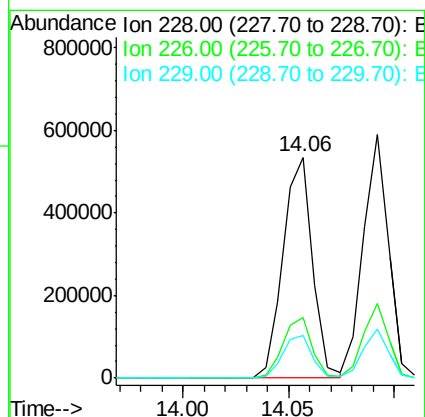
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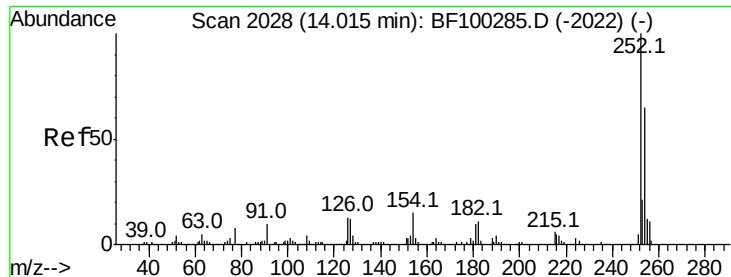
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#80
Benzo(a)anthracene
Concen: 32.750 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.2	22.6	33.8
229	19.4	15.8	23.6





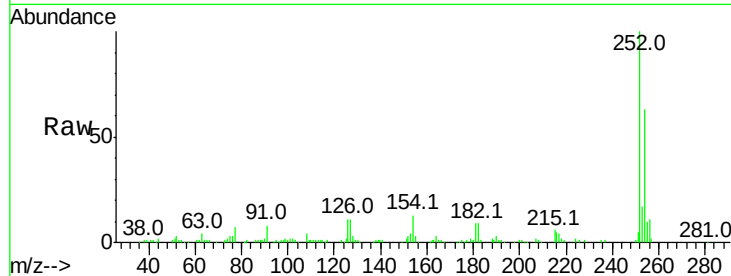
#81
 3,3'-Dichlorobenzidine
 Concen: 13.694 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.9	50.4	75.6
126	10.8	11.3	16.9

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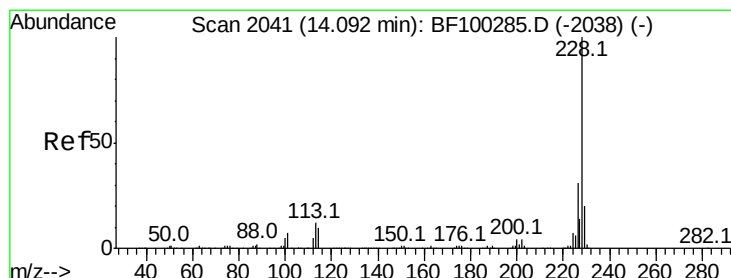
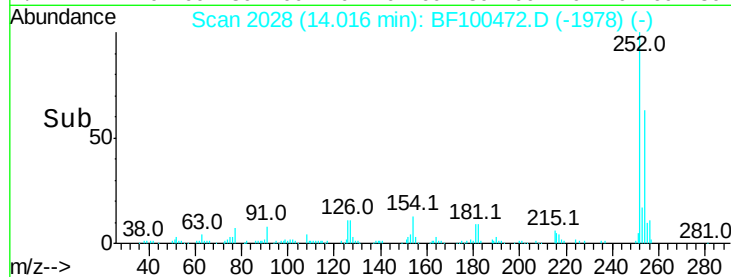
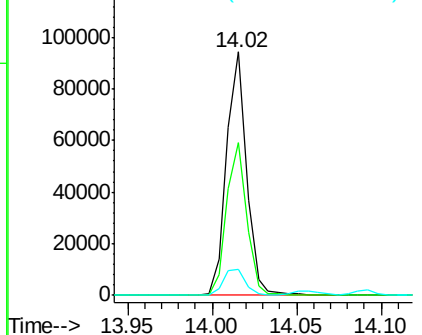


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 32.153 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

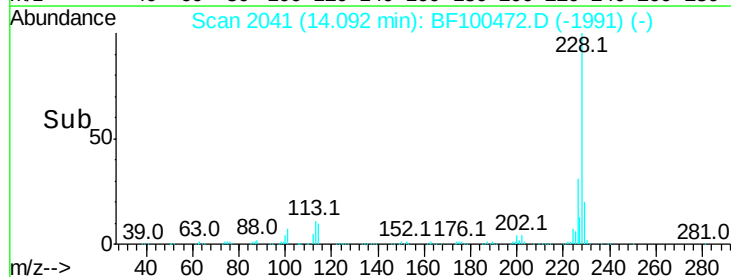
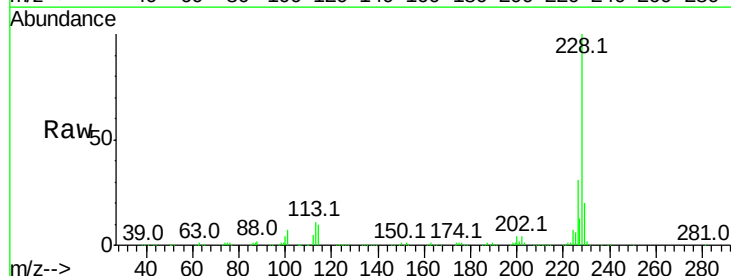
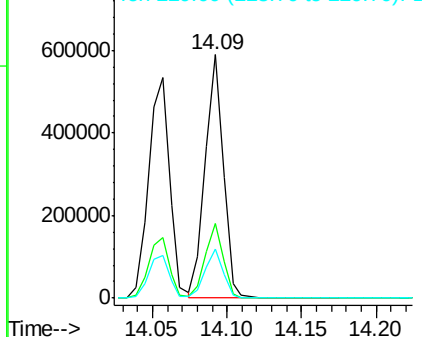
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	16.2	24.4

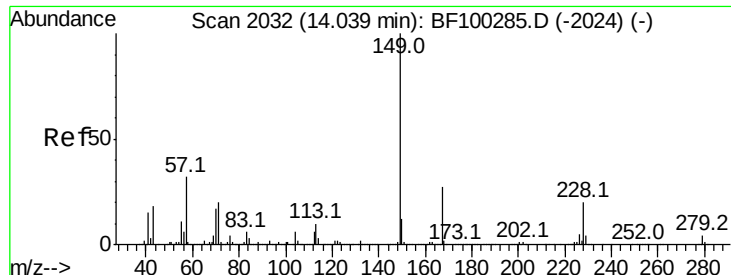
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





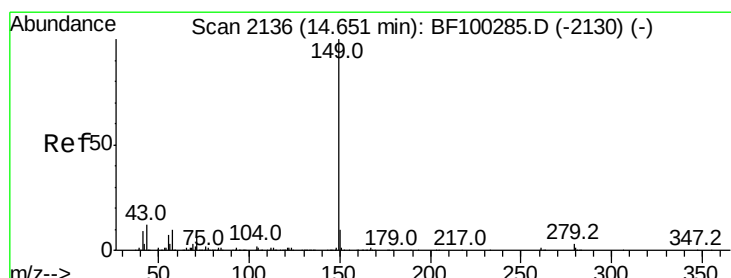
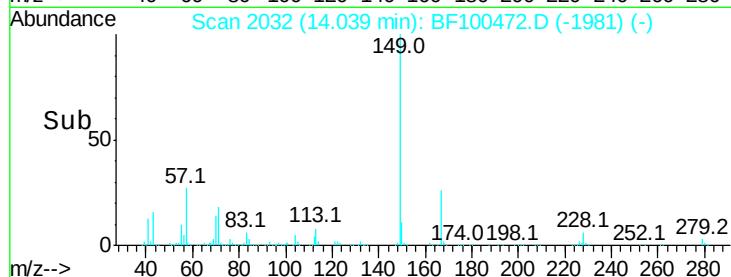
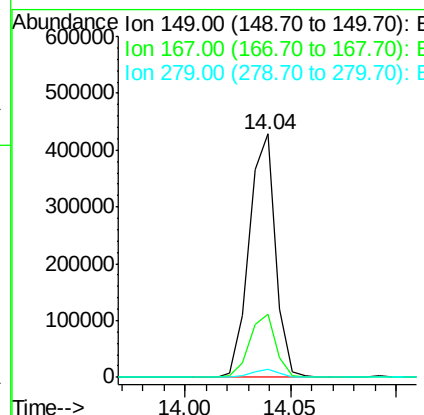
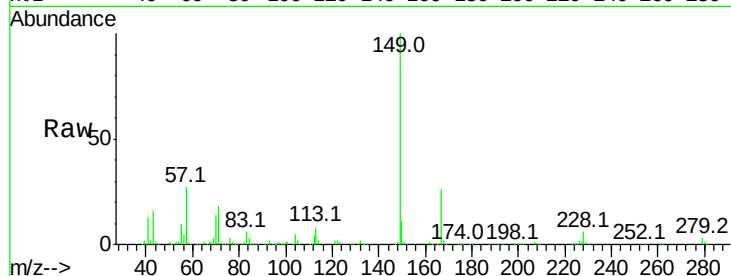
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.594 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	369342		
167	26.0		21.3	31.9
279	3.5		3.0	4.4

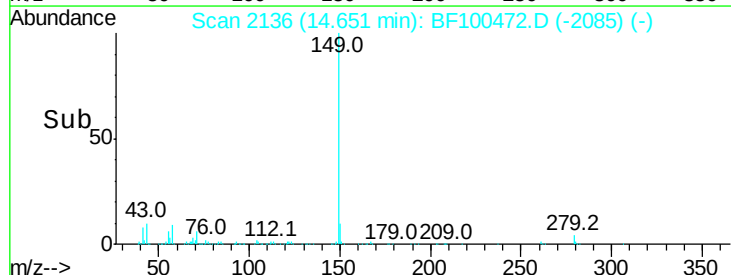
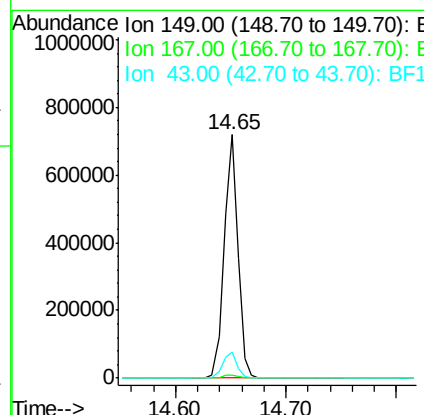
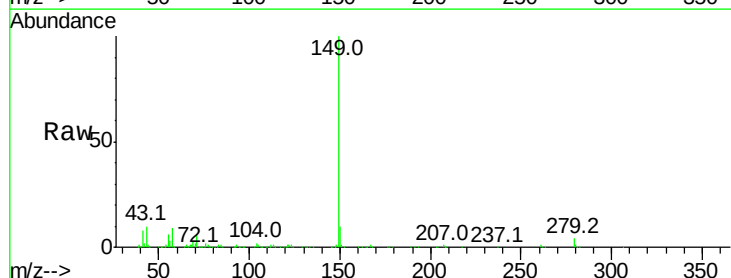
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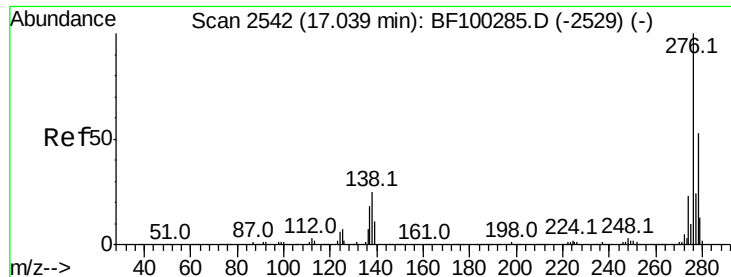
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#84
 Di-n-octyl phthalate
 Concen: 35.941 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	623173		
167	1.5		1.2	1.8
43	10.6		8.4	12.6





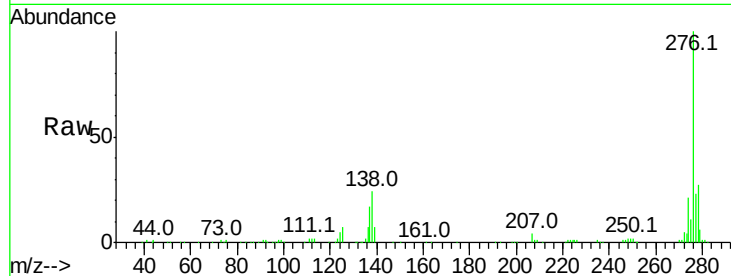
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.003 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

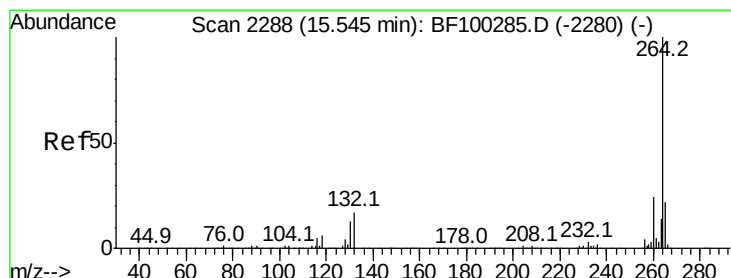
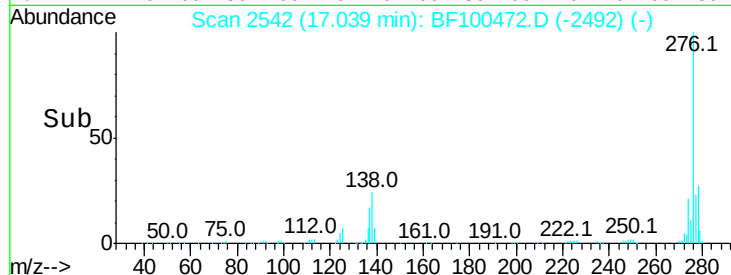
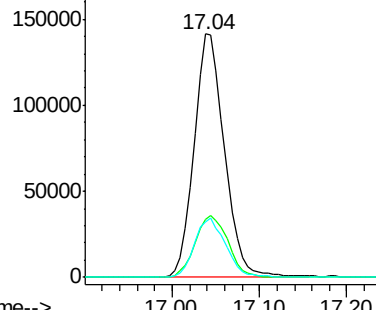
Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	27.2	25.0	37.6	
277	24.9	20.1	30.1	

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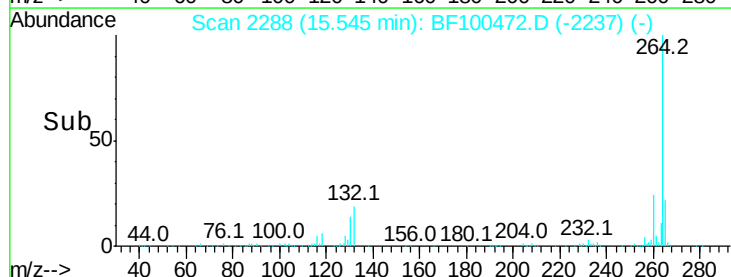
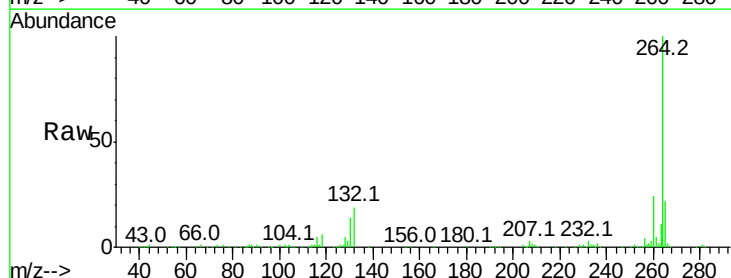
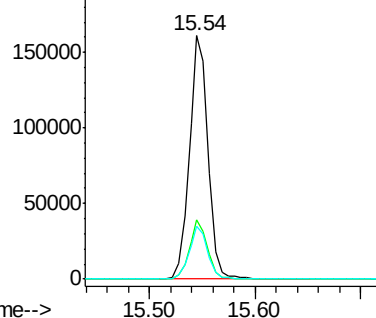
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

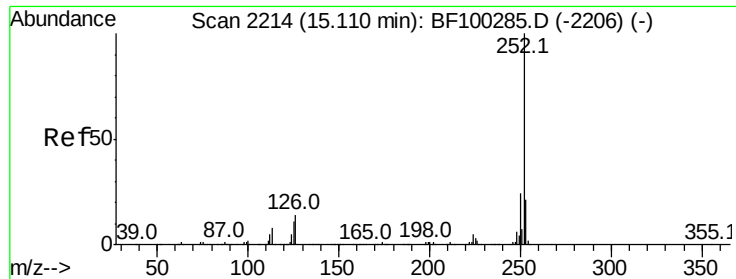


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.2	19.2	28.8	
265	21.6	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





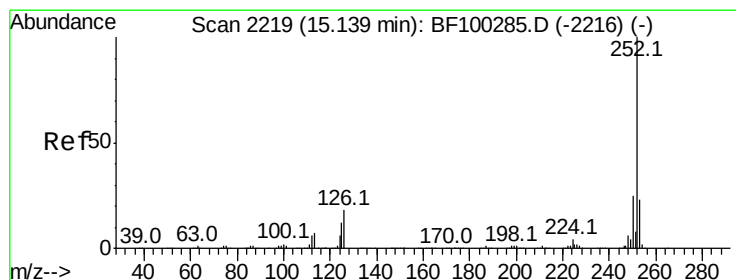
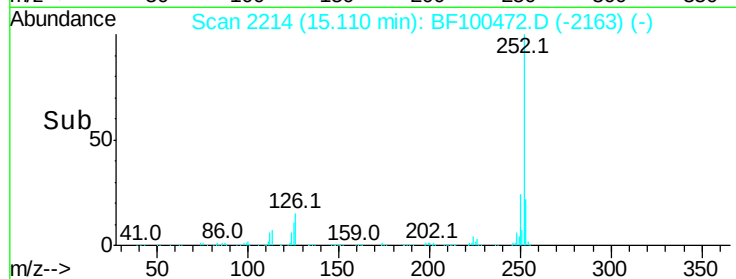
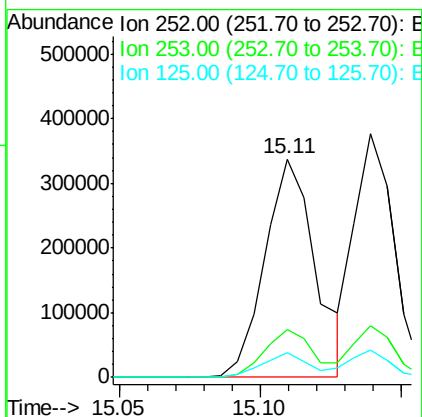
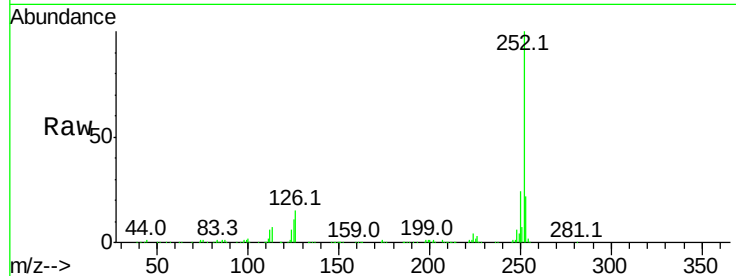
#87
Benzo(b)fluoranthene
Concen: 35.684 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.2	9.0	13.6

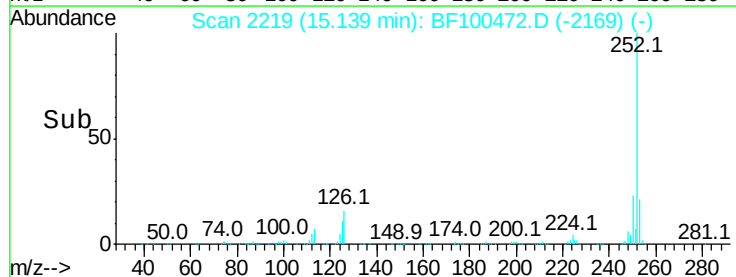
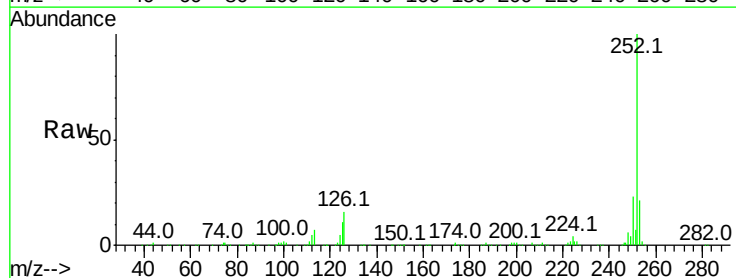
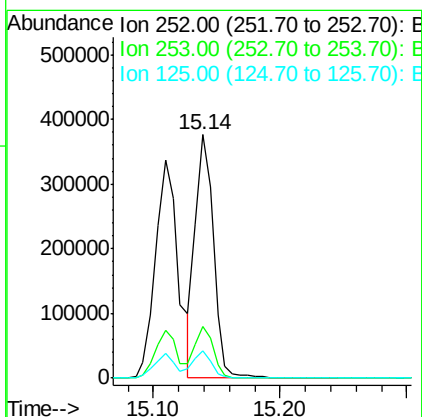
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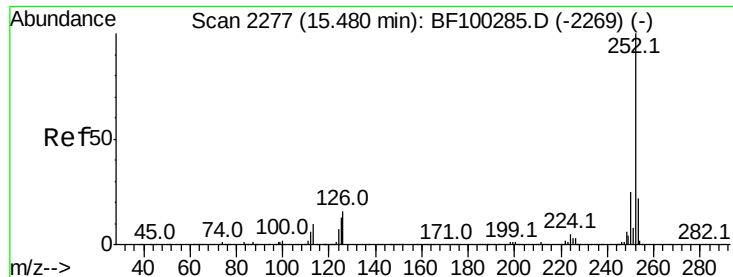
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#88
Benzo(k)fluoranthene
Concen: 33.365 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.0	10.2	15.2





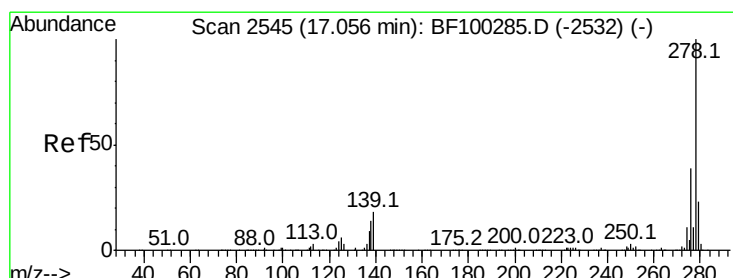
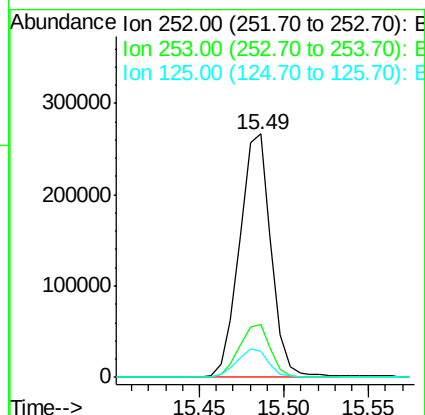
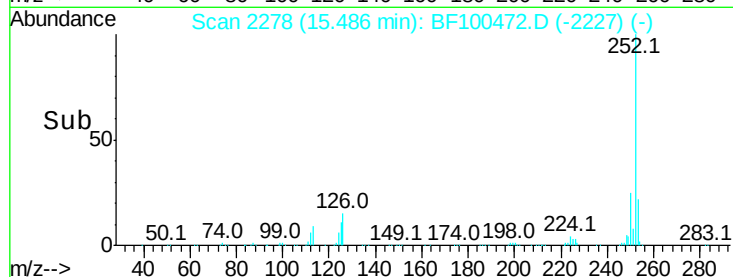
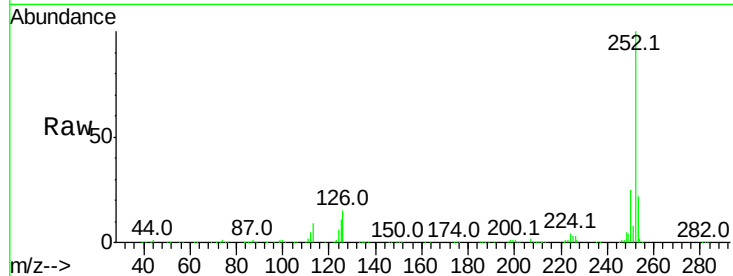
#89
Benzo(a)pyrene
Concen: 33.350 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.7	9.8	14.6

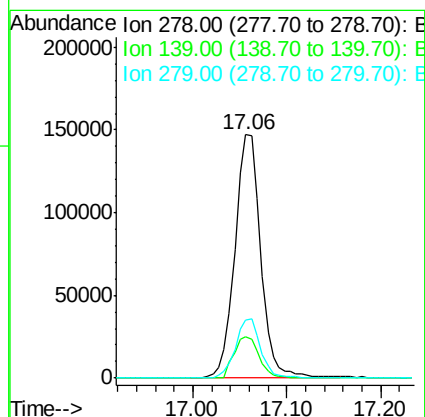
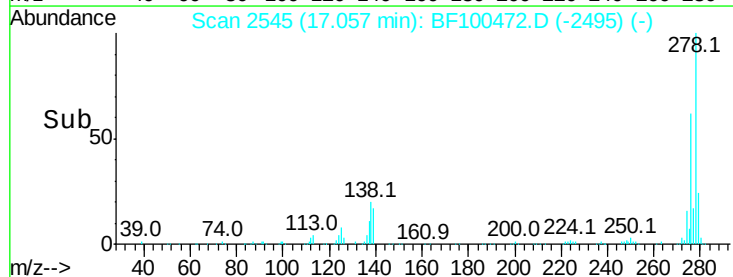
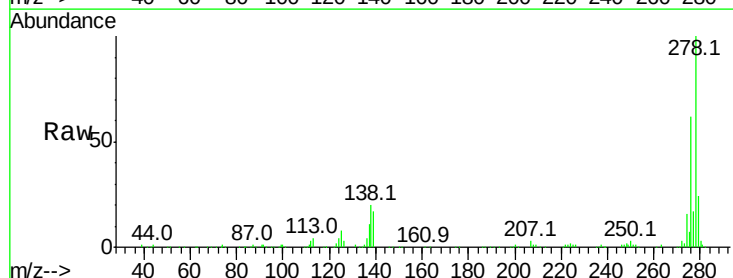
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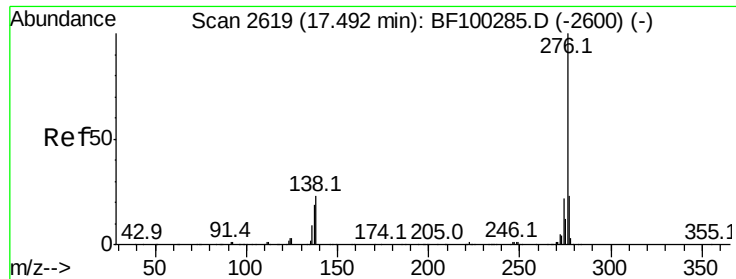
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#90
Dibenzo(a,h)anthracene
Concen: 33.206 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.106 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tot Ion:	276	Resp:	276033
Ion Ratio		Lower	Upper
276	100		
277	23.2	17.9	26.9
138	22.3	21.8	32.8

Manual Integrations
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