

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100695.D
 Acq On : 18 Nov 2017 1:05
 Operator : SJ/JU
 Sample : I6419-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Manual Integrations
 APPROVED

SOHIL
 11/20/2017 2:51:22 PM

Quant Time: Nov 18 03:00:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102214	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	406277	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	182777	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	305023	20.00	ng	0.00
75) Chrysene-d12	14.04	240	212991	20.00	ng	0.00
86) Perylene-d12	15.52	264	229558	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	645133	101.17	ng	0.02
7) Phenol-d6	6.52	99	796643	101.32	ng	0.00
23) Nitrobenzene-d5	7.45	82	500008	81.37	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	204367	109.73	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	957352	79.76	ng	0.00
78) Terphenyl-d14	12.99	244	646328	69.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	89308	28.740	ng	94
3) Pyridine	3.49	79	250486	29.546	ng	97
4) n-Nitrosodimethylamine	3.45	42	126155	30.649	ng	99
6) Aniline	6.55	93	241037	21.698	ng	98
8) 2-Chlorophenol	6.67	128	265905	39.419	ng	99
9) Benzaldehyde	6.43	77	110304	19.643	ng	96
10) Phenol	6.53	94	342028	41.435	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	244781	35.305	ng	98
12) 1,3-Dichlorobenzene	6.83	146	292091	37.557	ng	95
13) 1,4-Dichlorobenzene	6.90	146	295699	37.566	ng	96
14) 1,2-Dichlorobenzene	7.06	146	279305	38.377	ng	96
15) Benzyl Alcohol	7.02	79	229887	37.461	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	432842	39.032	ng	98
17) 2-Methylphenol	7.13	107	224365	38.921	ng	97
18) Hexachloroethane	7.39	117	95657	36.857	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	181860	33.350	ng	97
20) 3+4-Methylphenols	7.29	107	272770	37.393	ng	# 79
22) Acetophenone	7.29	105	350923	35.422	ng	# 96
24) Nitrobenzene	7.47	77	269486	42.607	ng	96
25) Isophorone	7.70	82	493927	38.249	ng	99
26) 2-Nitrophenol	7.78	139	150189	50.349	ng	90
27) 2,4-Dimethylphenol	7.82	122	246441	42.572	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	319232	37.793	ng	98
29) 2,4-Dichlorophenol	8.02	162	234587	42.449	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	242560	40.577	ng	97
31) Naphthalene	8.19	128	765103	39.099	ng	99
32) Benzoic acid	7.87	122	5162m	10.308	ng	
33) 4-Chloroaniline	8.23	127	142896	17.543	ng	97
34) Hexachlorobutadiene	8.30	225	137300	38.630	ng	98
35) Caprolactam	8.60	113	67139m	35.401	ng	
36) 4-Chloro-3-methylphenol	8.72	107	235638	39.701	ng	96
37) 2-Methylnaphthalene	8.88	142	517655	39.846	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	241219	39.793	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	132090	46.299	ng	99

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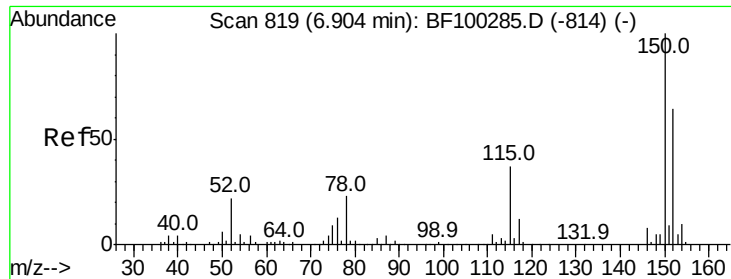
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	168403	43.834	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	177694	44.641	nq	94
45) 1,1'-Biphenyl	9.34	154	620054	39.223	nq	98
46) 2-Chloronaphthalene	9.37	162	481688	42.001	nq	95
47) 2-Nitroaniline	9.46	65	142721	42.458	nq	96
48) Acenaphthylene	9.79	152	734545	38.649	nq	99
49) Dimethylphthalate	9.64	163	737115	52.820	nq	100
50) 2,6-Dinitrotoluene	9.70	165	125645	45.485	nq	91
51) Acenaphthene	9.96	154	437549	37.854	nq	99
52) 3-Nitroaniline	9.87	138	98209	30.108	nq	90
53) 2,4-Dinitrophenol	9.97	184	23625	30.999	nq #	16
54) Dibenzofuran	10.13	168	631950	39.008	nq	98
55) 4-Nitrophenol	10.03	139	180481	68.141	nq	83
56) 2,4-Dinitrotoluene	10.11	165	159786	45.852	nq #	82
57) Fluorene	10.47	166	480227	40.464	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	133488	40.919	nq #	85
59) Diethylphthalate	10.34	149	536630	38.426	nq	97
60) 4-Chlorophenyl-phenylether	10.46	204	234969	40.359	nq	92
61) 4-Nitroaniline	10.49	138	114079	36.883	nq	87
62) Azobenzene	10.62	77	460472	35.009	nq	92
64) 4,6-Dinitro-2-methylphenol	10.52	198	46657	33.456	nq #	70
65) n-Nitrosodiphenylamine	10.58	169	454663	42.869	nq	96
66) 4-Bromophenyl-phenylether	10.95	248	149540	45.734	nq #	83
67) Hexachlorobenzene	11.02	284	146008	42.695	nq #	89
68) Atrazine	11.10	200	135983	42.356	nq	94
69) Pentachlorophenol	11.21	266	145103	59.172	nq	98
70) Phenanthrene	11.43	178	739938	46.074	nq	99
71) Anthracene	11.49	178	664177	40.763	nq	98
72) Carbazole	11.63	167	555943	36.979	nq	99
73) Di-n-butylphthalate	11.96	149	721832	41.028	nq	98
74) Fluoranthene	12.62	202	665421	39.095	nq	97
76) Benzidine	12.73	184	212497	24.912	nq	97
77) Pyrene	12.85	202	684095	45.057	nq	99
79) Butylbenzylphthalate	13.46	149	241633	39.025	nq	94
80) Benzo(a)anthracene	14.03	228	573272	44.695	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	158163	34.417	nq	99
82) Chrysene	14.07	228	536001	43.155	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	374475	45.984	nq	99
84) Di-n-octyl phthalate	14.63	149	591688	42.293	nq	98
85) Indeno(1,2,3-cd)pyrene	17.01	276	472873	47.069	nq	94
87) Benzo(b)fluoranthene	15.09	252	589155	43.320	nq	98
88) Benzo(k)fluoranthene	15.12	252	490418m	38.164	nq	
89) Benzo(a)pyrene	15.46	252	523761	43.441	nq	99
90) Dibenzo(a,h)anthracene	17.02	278	385499	39.096	nq #	95
91) Benzo(g,h,i)perylene	17.46	276	377514	39.112	nq	94

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



#1

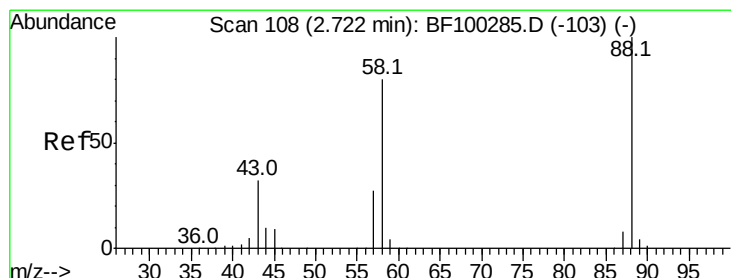
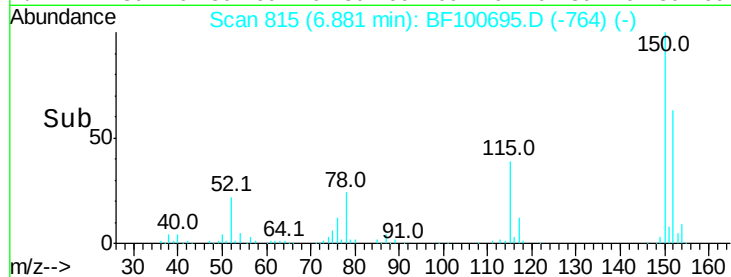
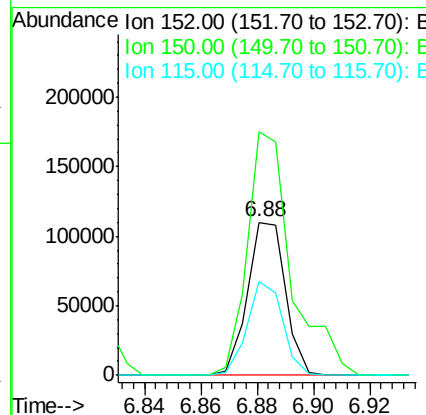
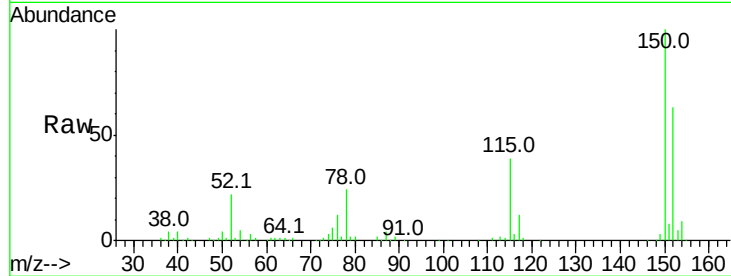
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	61.8	50.1	75.1

Manual Integrations
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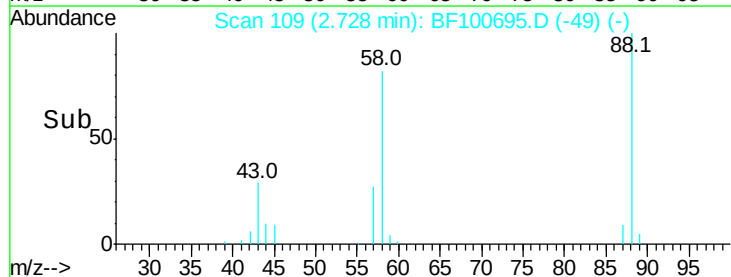
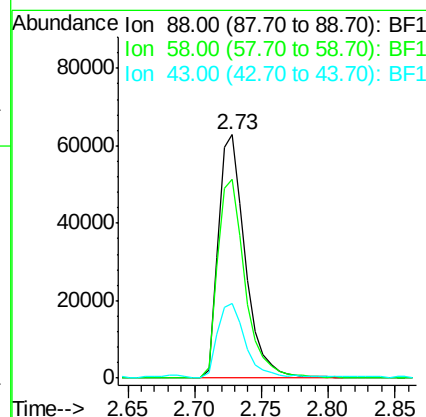
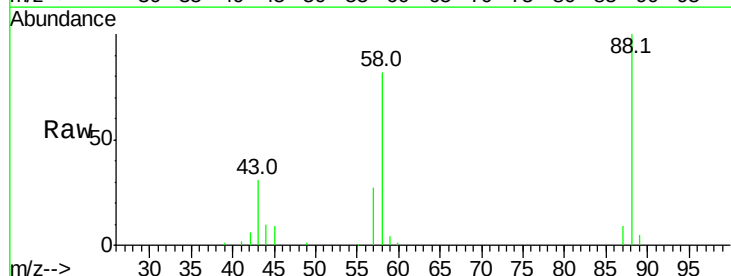
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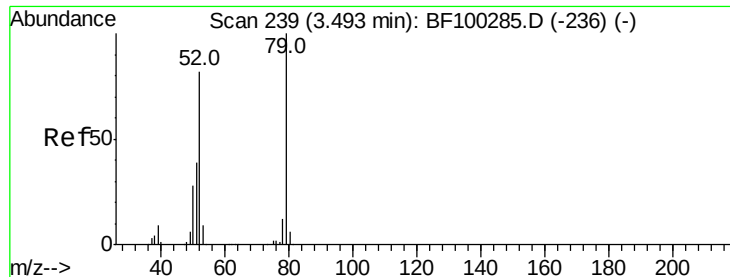


#2

1,4-Dioxane
Concen: 28.740 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.05 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	62.6	93.8
43	32.8	24.6	37.0





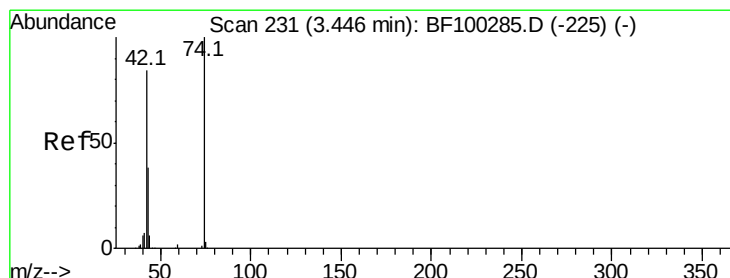
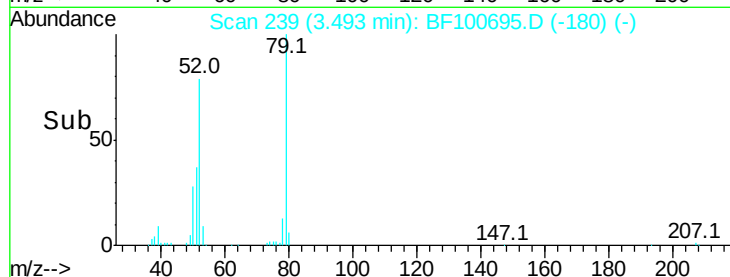
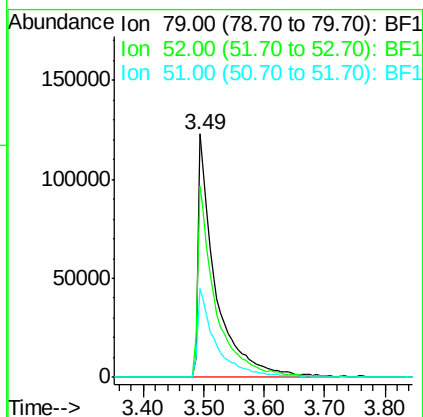
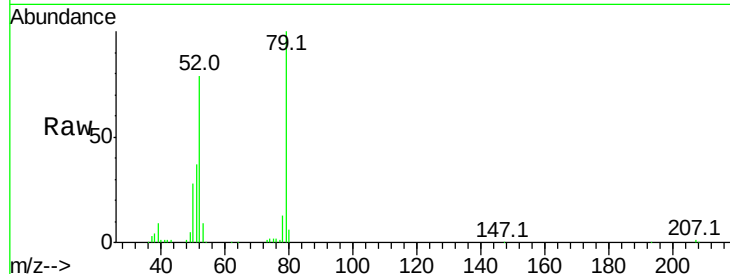
#3
 Pvridine
 Concen: 29.546 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.05 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.7	59.8	89.6
51	36.7	29.8	44.8

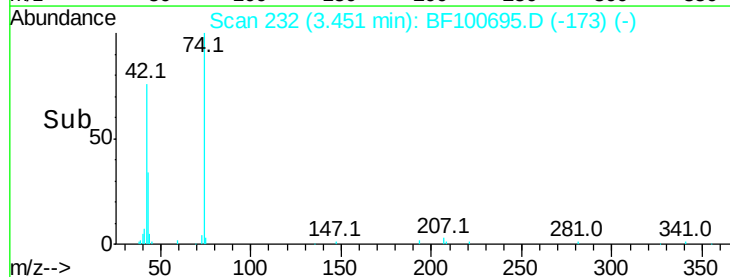
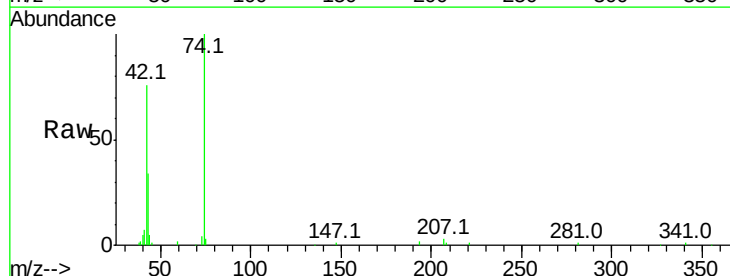
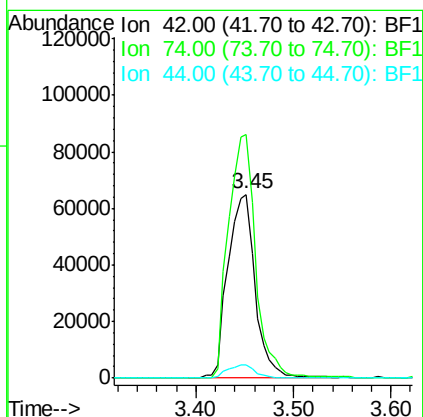
Manual Integrations
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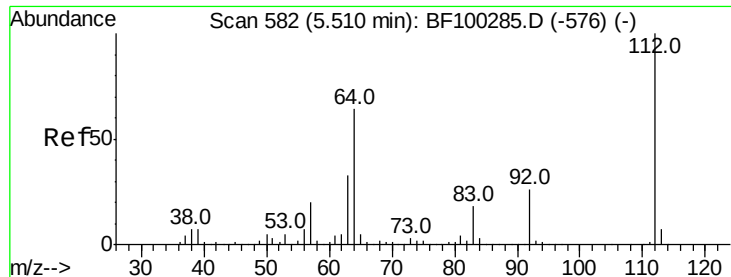
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#4
 n-Nitrosodimethylamine
 Concen: 30.649 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.05 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.4	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 101.174 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

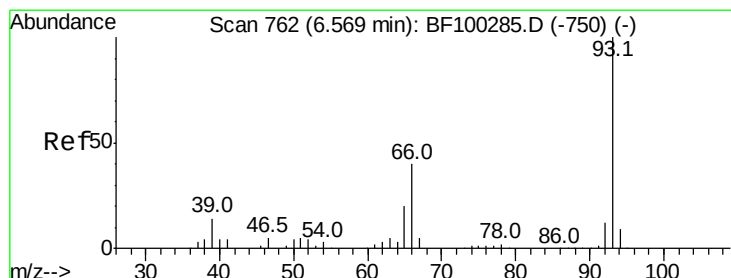
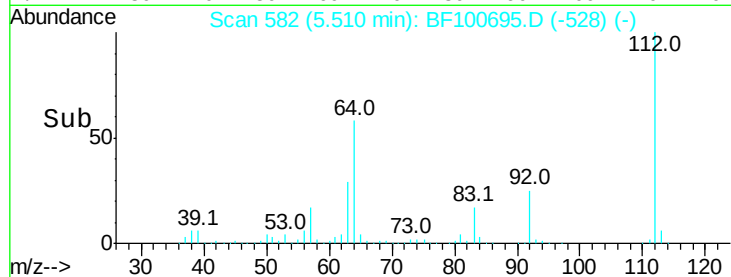
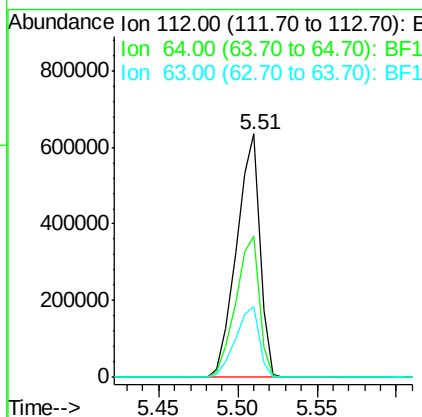
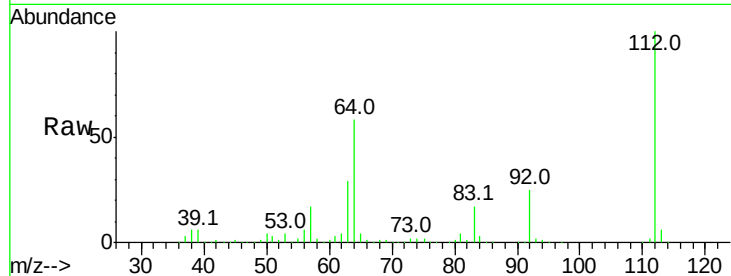
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:	112	Resp:	645133
Ion Ratio	Lower	Upper	
112	100		
64	57.9	47.9	71.9
63	29.2	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 21.698 ng

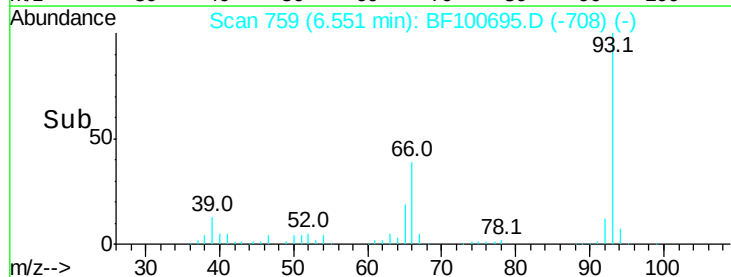
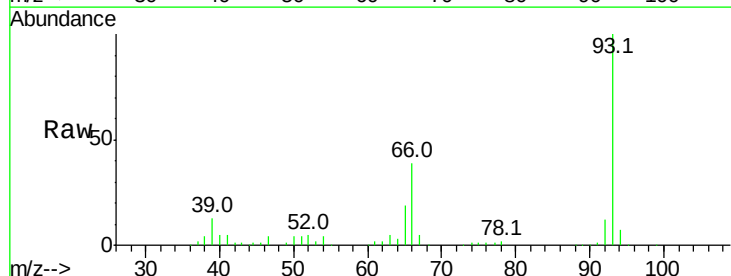
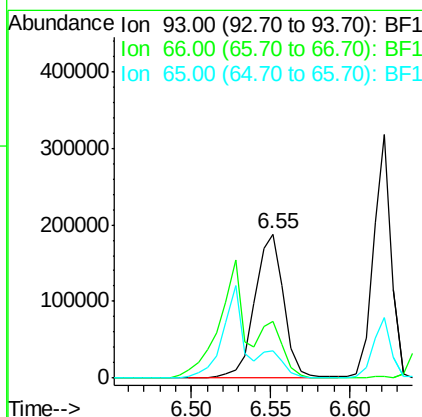
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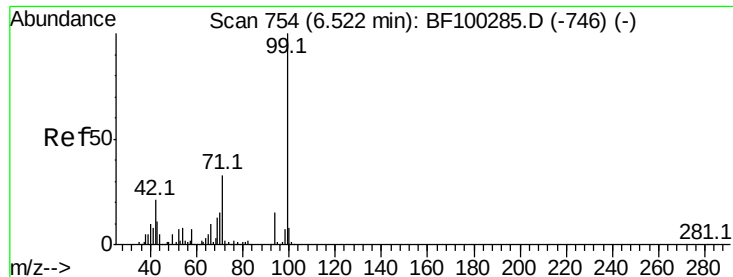
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	93	Resp:	241037
Ion Ratio	Lower	Upper	
93	100		
66	39.3	32.2	48.2
65	19.3	16.4	24.6





#7

Phenol-d6

Concen: 101.315 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

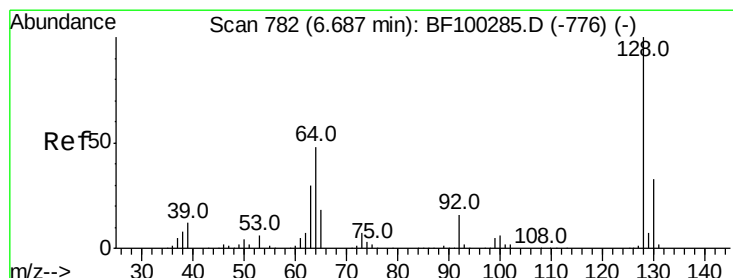
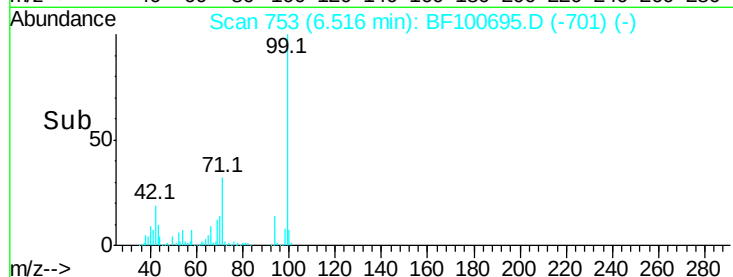
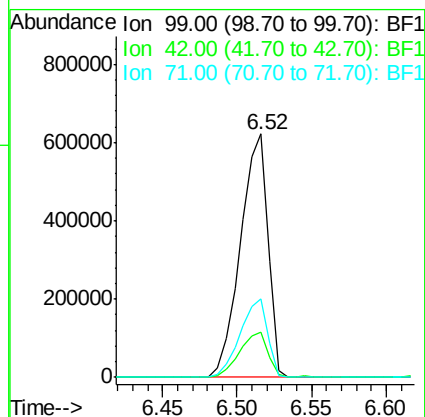
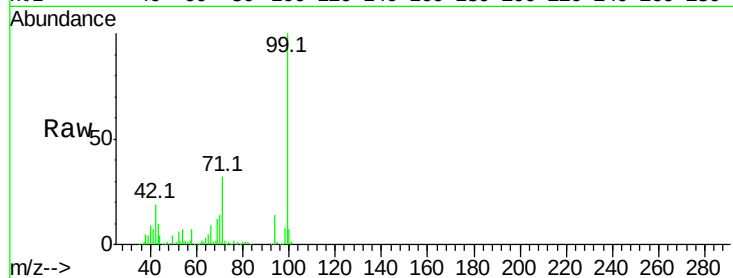
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion	99	Resp	796643
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.5	21.7
71	32.2	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.419 ng

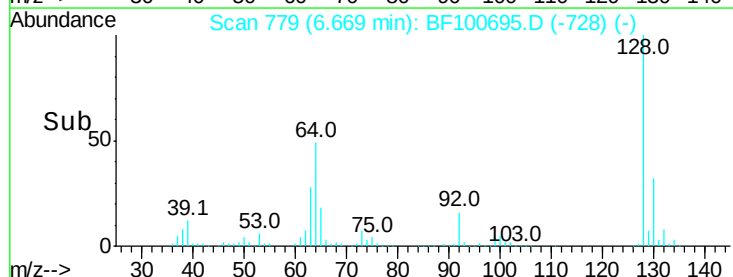
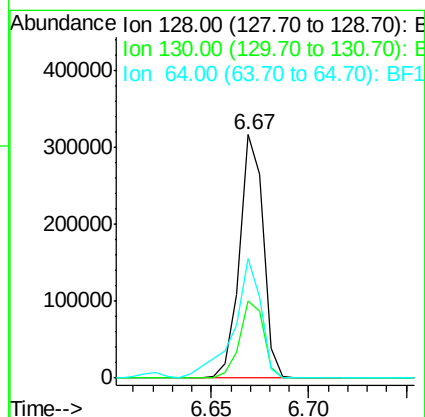
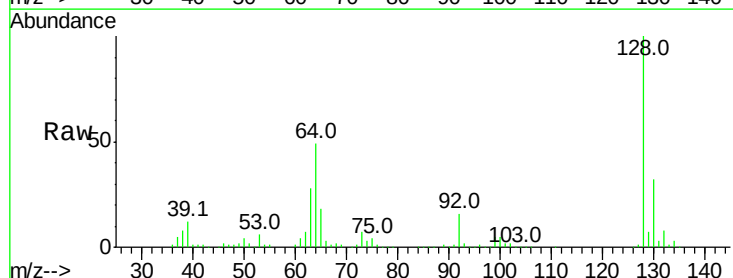
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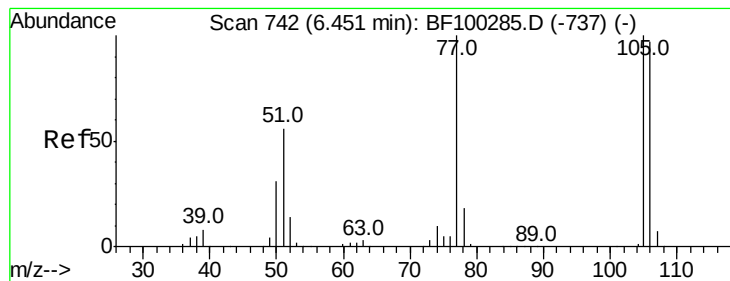
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion	128	Resp	265905
Ion Ratio	Lower	Upper	
128	100		
130	31.7	13.0	53.0
64	48.9	29.4	69.4





#9

Benzaldehyde

Concen: 19.643 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

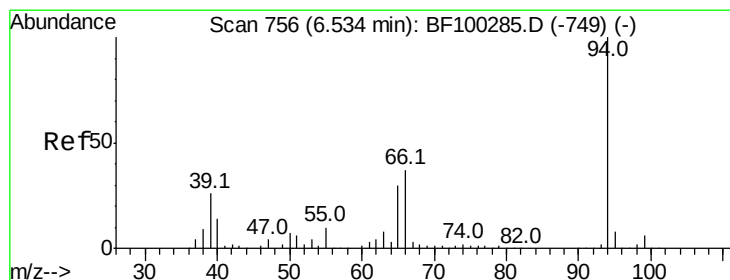
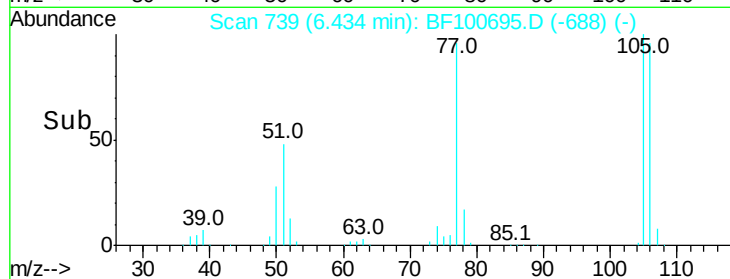
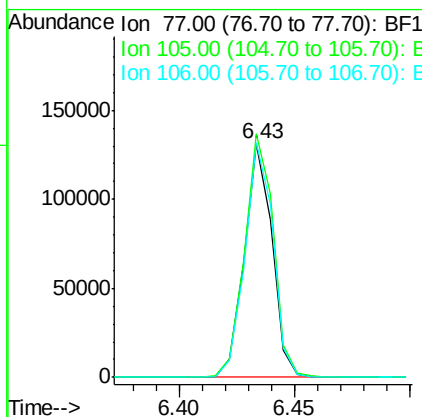
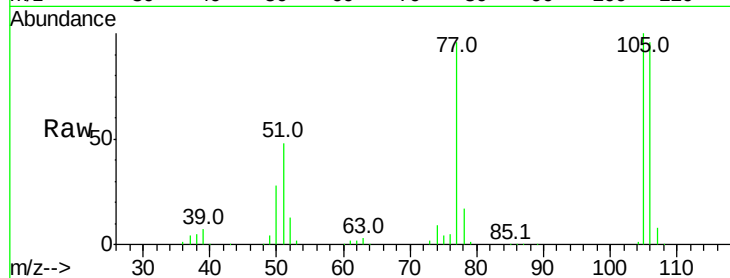
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:	77	Resp:	110304
Ion Ratio	Lower	Upper	
77	100		
105	104.2	81.1	121.1
106	100.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 41.435 ng

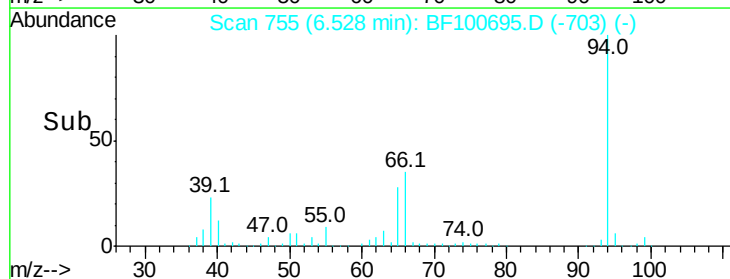
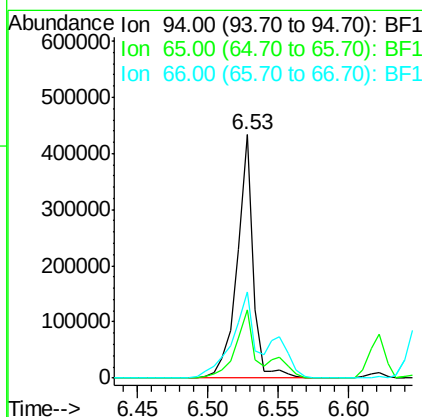
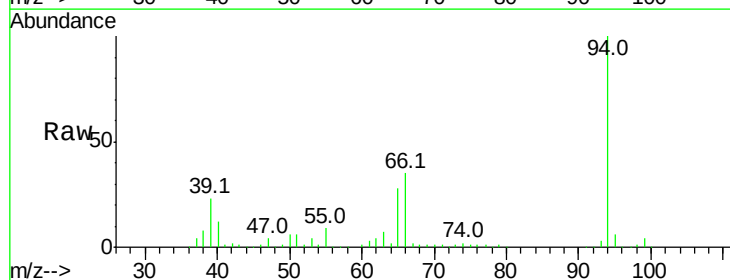
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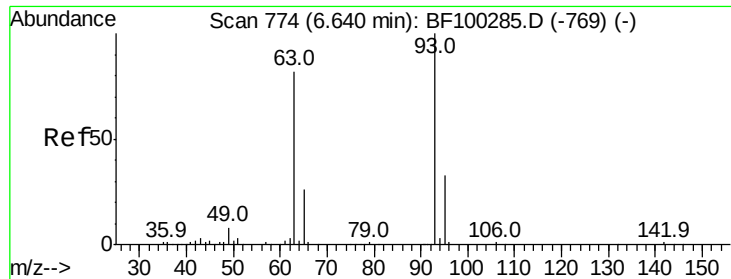
Delta R.T. 0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	94	Resp:	342028
Ion Ratio	Lower	Upper	
94	100		
65	28.0	7.9	47.9
66	35.4	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.305 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

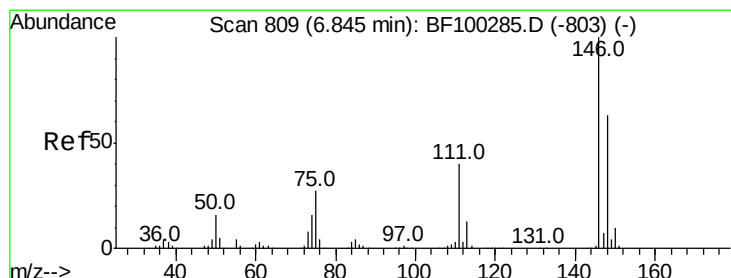
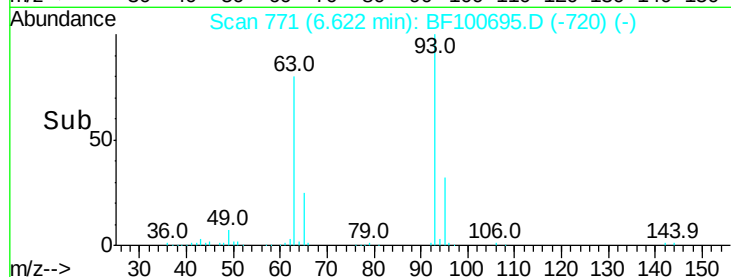
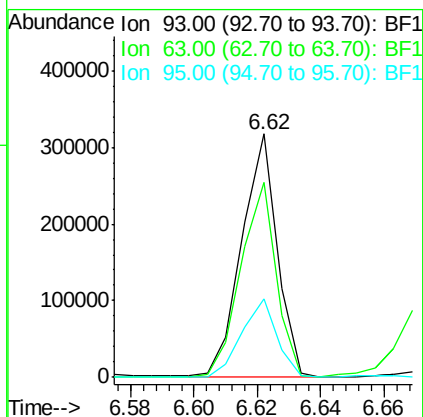
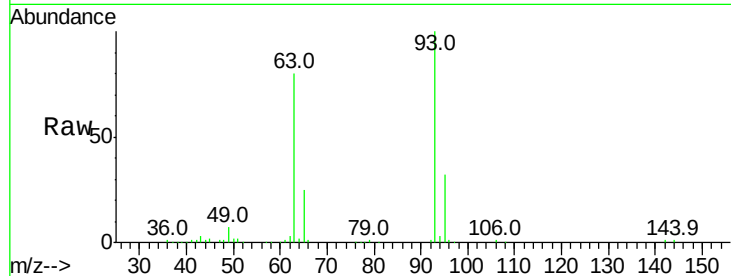
LEW-1-E(7-8)MSD

Tot Ion: 93 Resp: 244781

Ion	Ratio	Lower	Upper
93	100		
63	80.2	58.6	98.6
95	32.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.557 ng

RT: 6.83 min Scan# 806

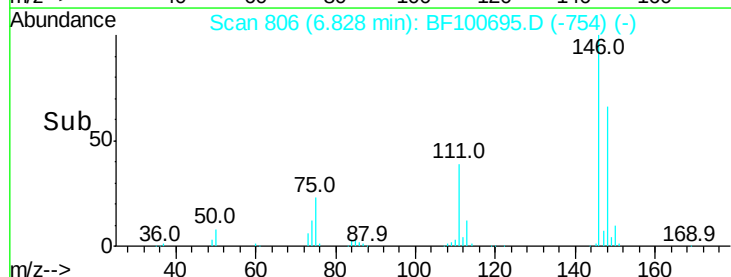
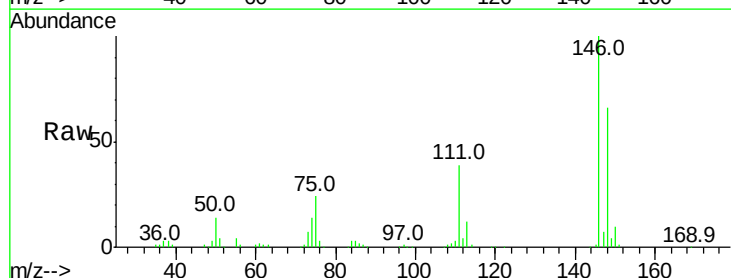
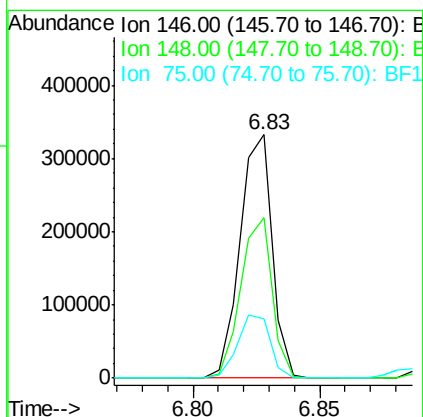
Delta R.T. 0.01 min

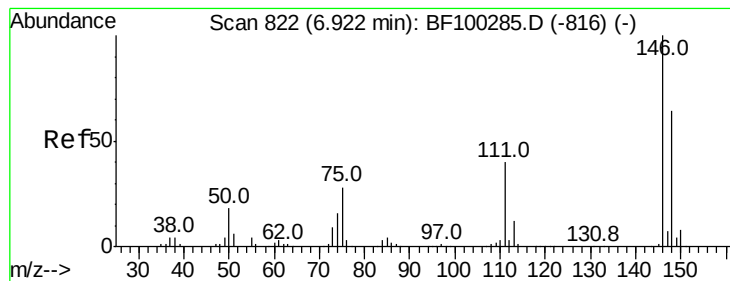
Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion: 146 Resp: 292091

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.8
75	24.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.566 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

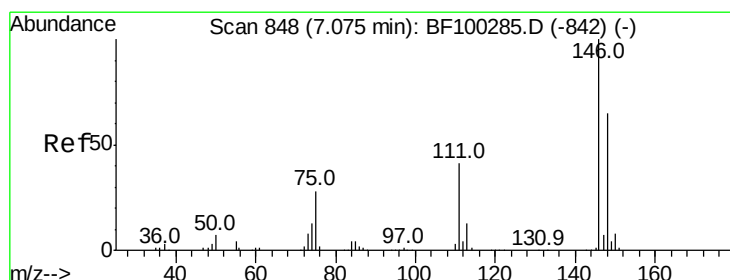
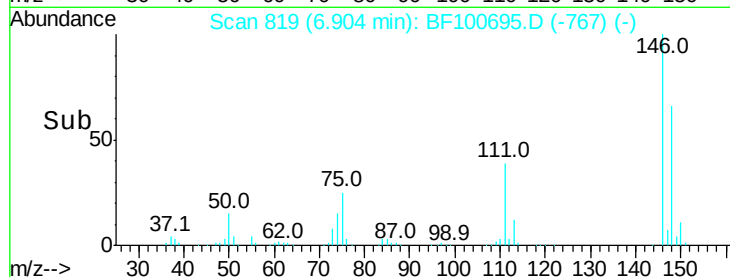
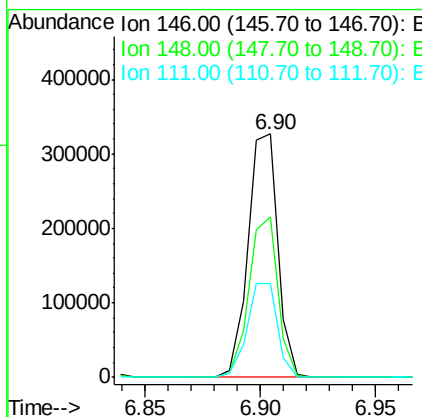
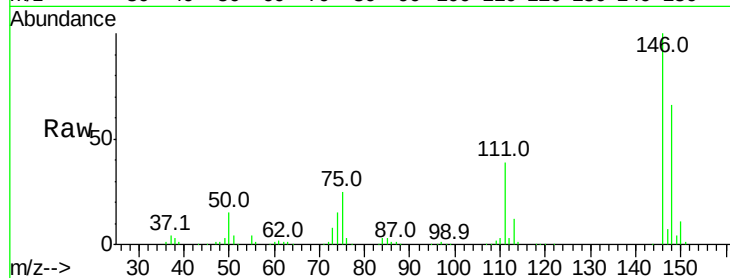
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:	146	Resp:	295699
Ion Ratio	Lower	Upper	
146	100		
148	65.8	50.8	76.2
111	38.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 38.377 ng

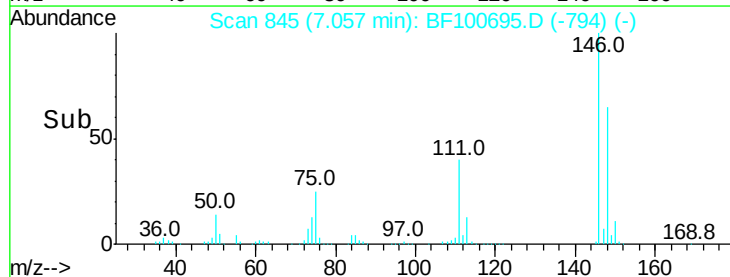
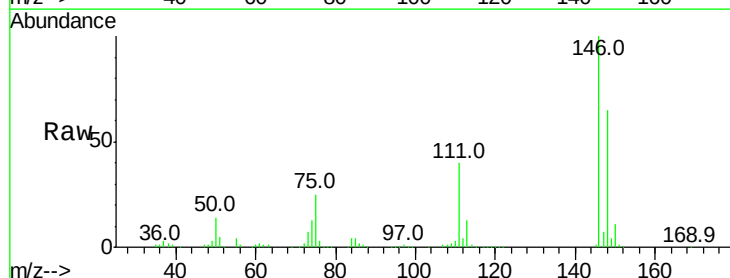
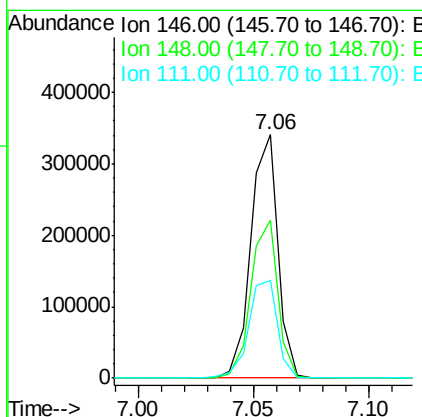
RT: 7.06 min Scan# 845

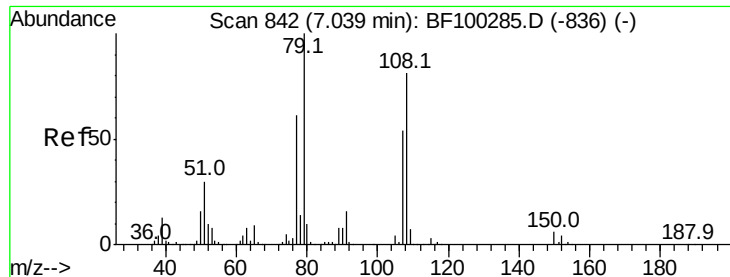
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	146	Resp:	279305
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.6	75.8
111	40.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.461 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

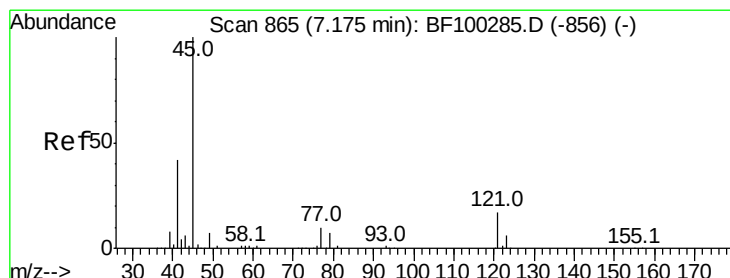
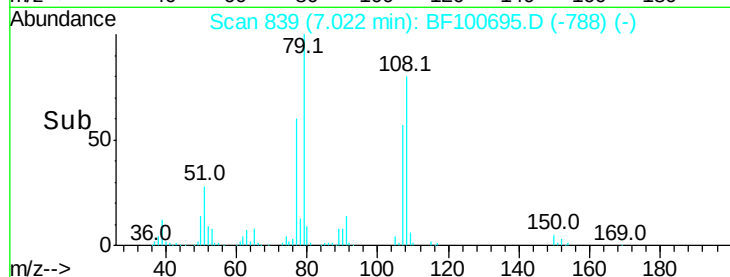
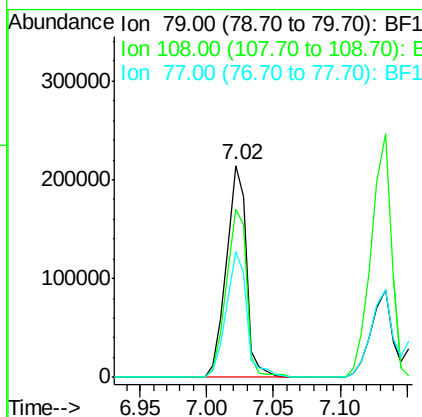
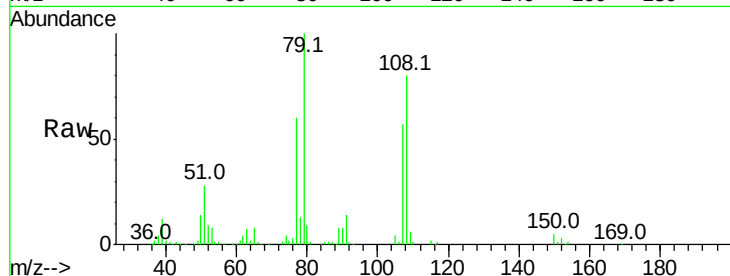
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:	79	Resp:	229887
Ion Ratio	Lower	Upper	
79	100		
108	79.6	65.1	97.7
77	59.5	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.032 ng

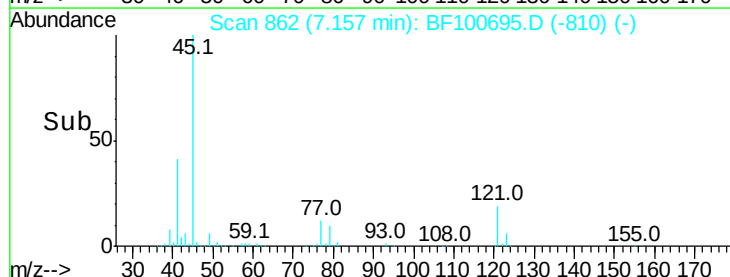
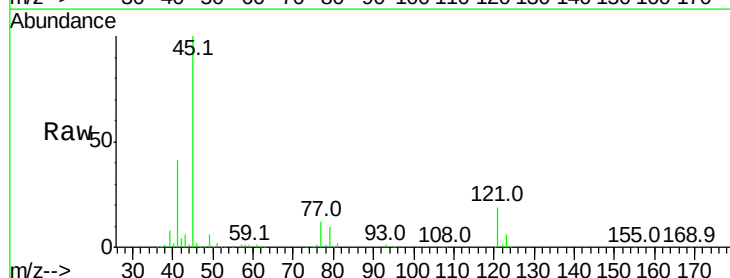
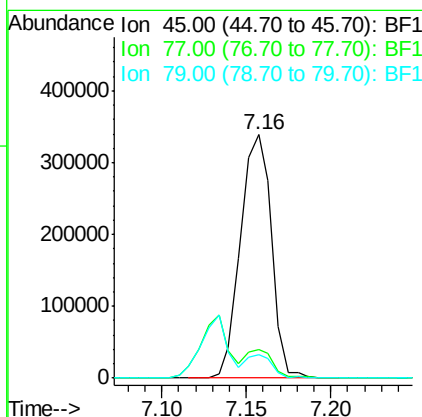
RT: 7.16 min Scan# 862

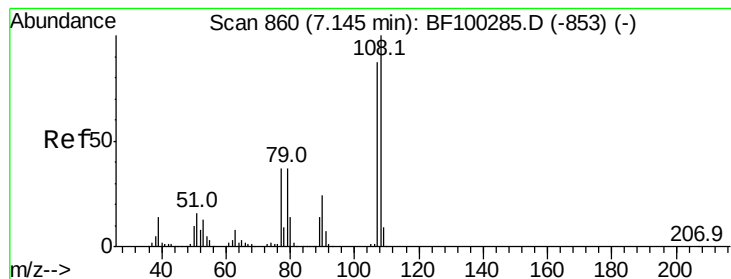
Delta R.T. 0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	45	Resp:	432842
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	32.9
79	9.9	0.0	29.6





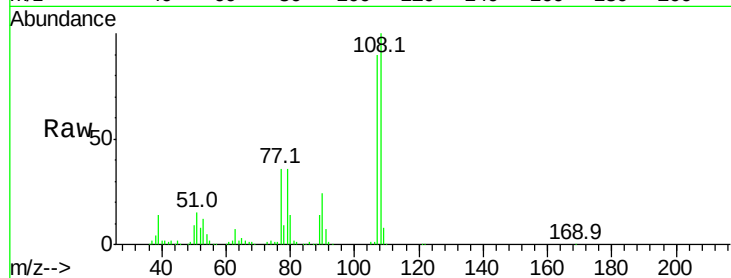
#17
2-Methylphenol
Concen: 38.921 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

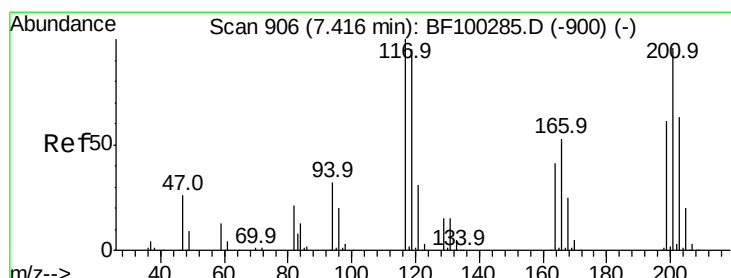
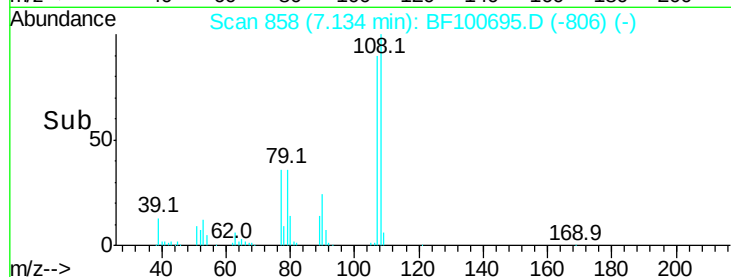
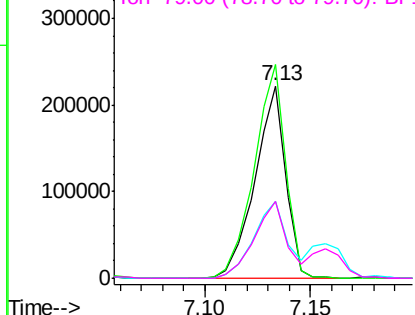
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.7	137.5	
77	39.7	33.8	50.8	
79	40.0	33.8	50.8	

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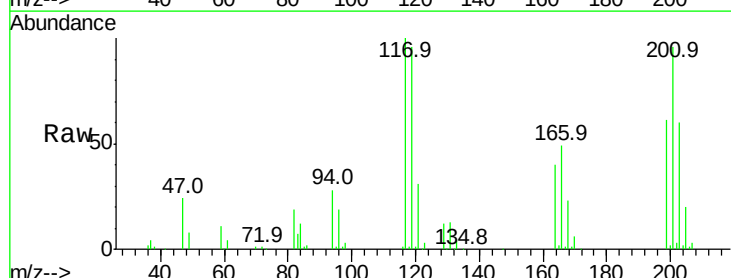


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

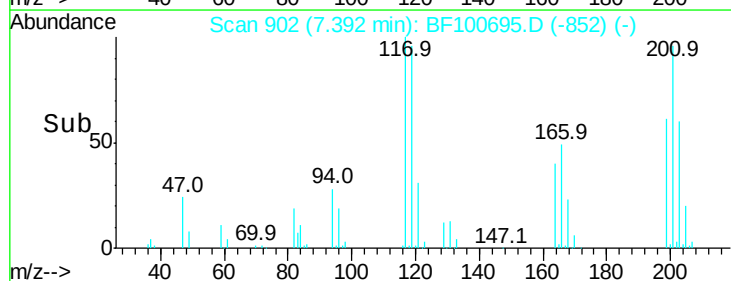
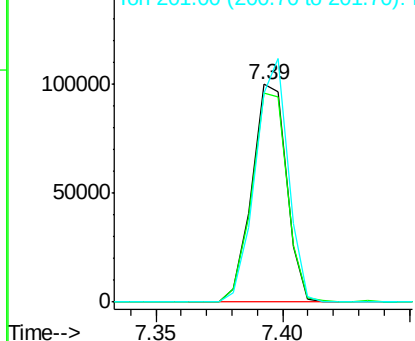


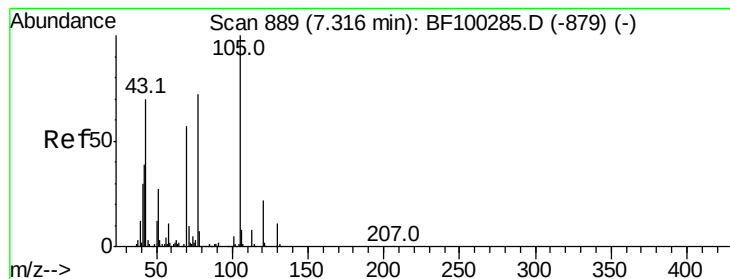
#18
Hexachloroethane
Concen: 36.857 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.8	113.8	
201	96.3	75.7	113.5	



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





#19

n-Nitroso-di-n-propylamine

Concen: 33.350 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion: 70 Resp: 181860

Ion Ratio Lower Upper

70 100

42 61.7 47.5 71.3

101 9.8 7.4 11.2

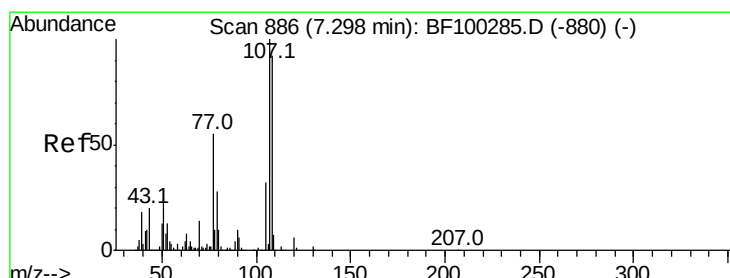
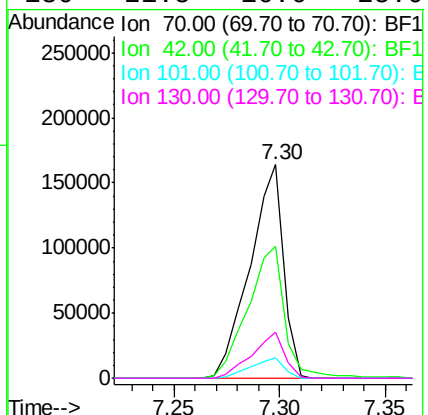
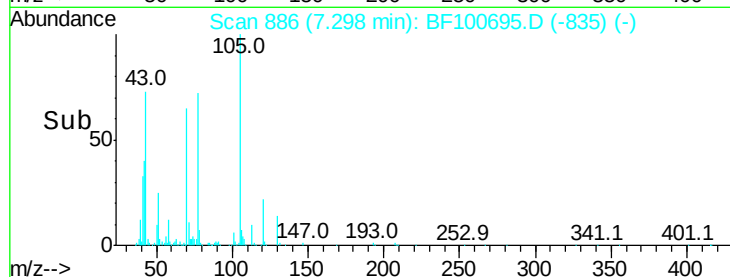
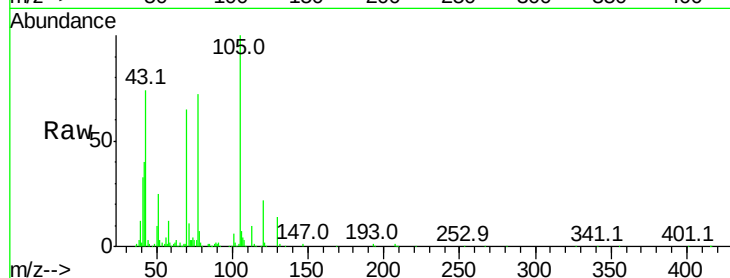
130 21.5 16.6 25.0

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#20

3+4-Methylphenols

Concen: 37.393 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion: 107 Resp: 272770

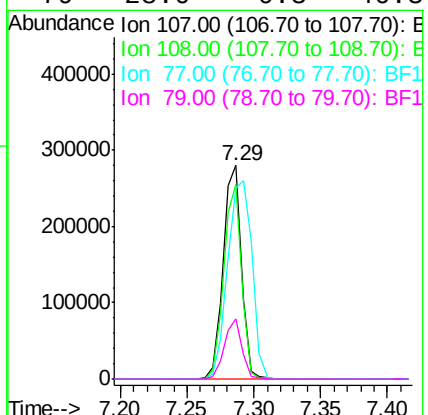
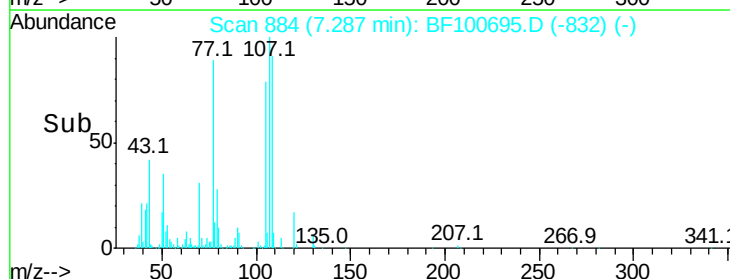
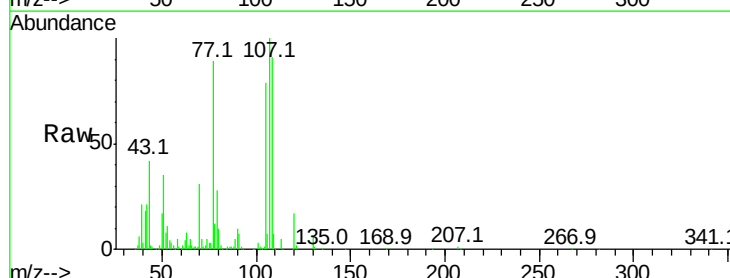
Ion Ratio Lower Upper

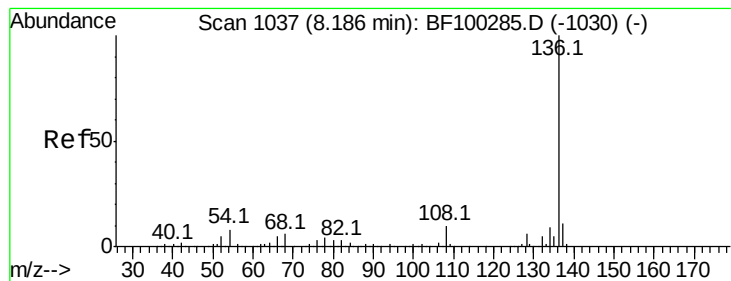
107 100

108 91.4 68.2 108.2

77 89.2 26.7 66.7#

79 28.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

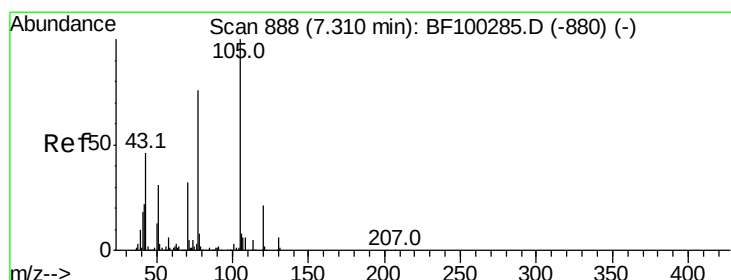
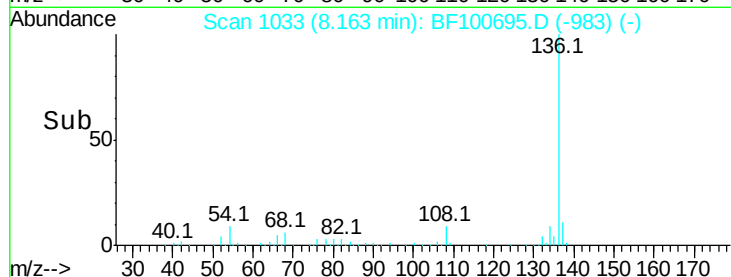
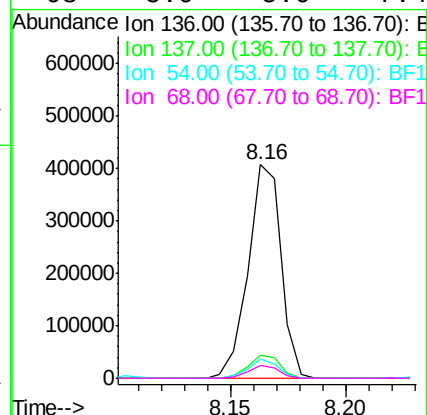
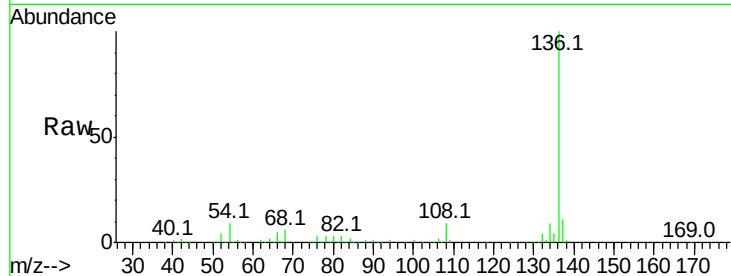
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	406277		
137	11.0	8.9	13.3	
54	8.9	6.6	9.8	
68	5.9	5.0	7.4	

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#22

Acetophenone

Concen: 35.422 ng

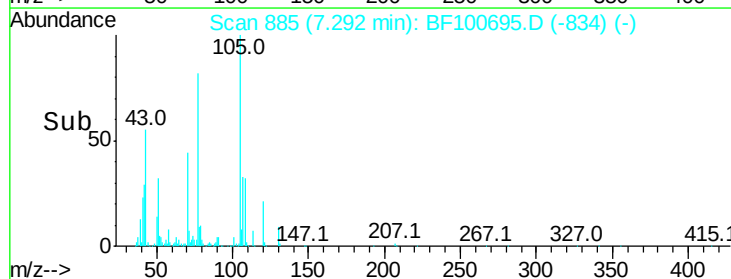
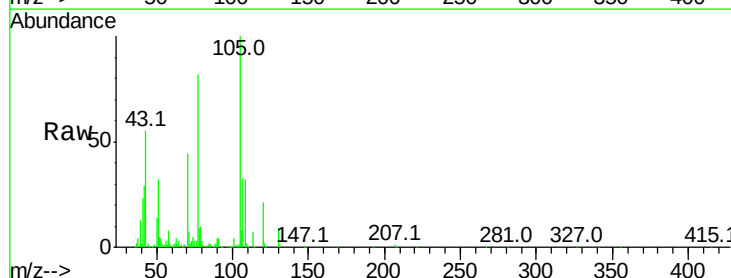
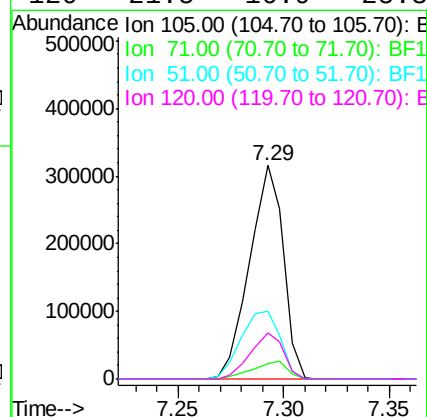
RT: 7.29 min Scan# 885

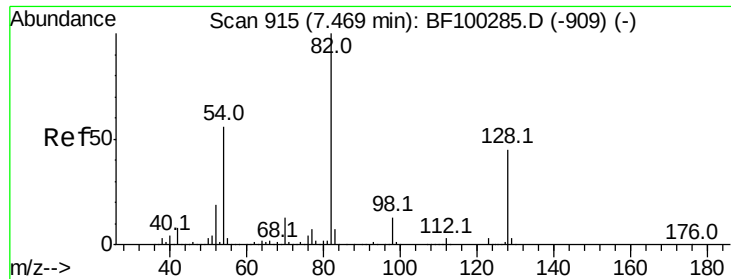
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	350923		
71	7.5	4.4	6.6#	
51	31.6	22.3	33.5	
120	21.5	16.9	25.3	





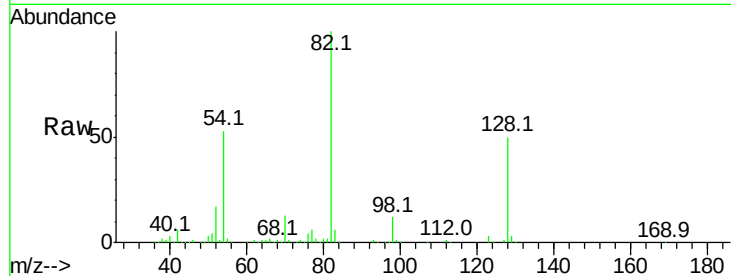
#23
Nitrobenzene-d5
Concen: 81.366 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

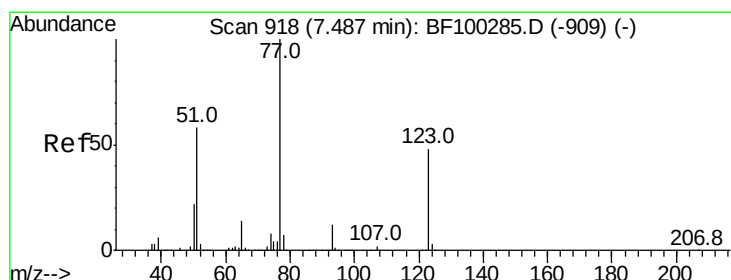
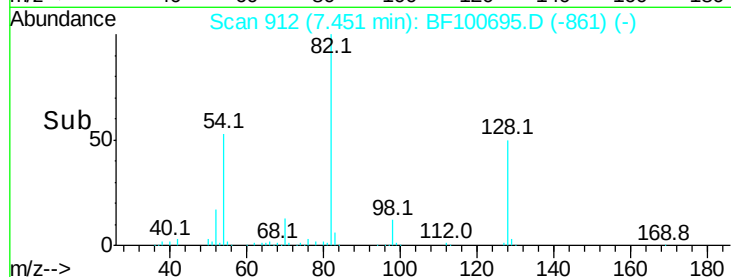
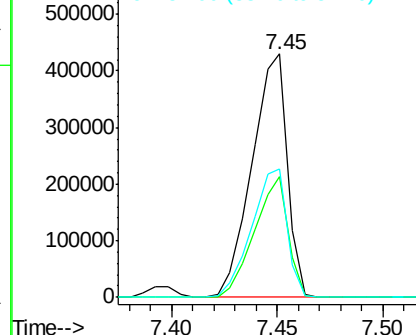
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	52.6	41.4	62.2

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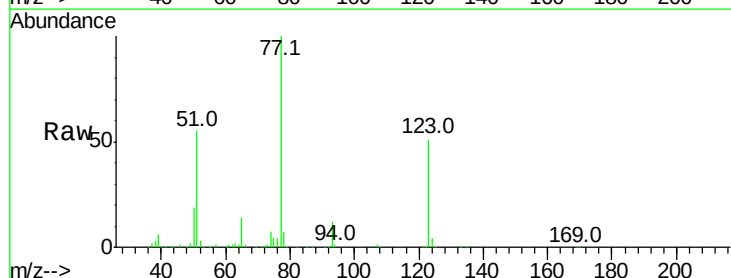


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

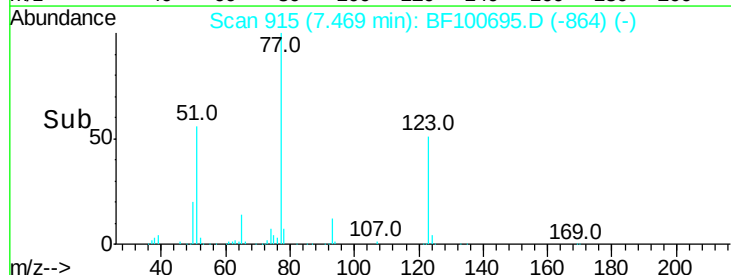
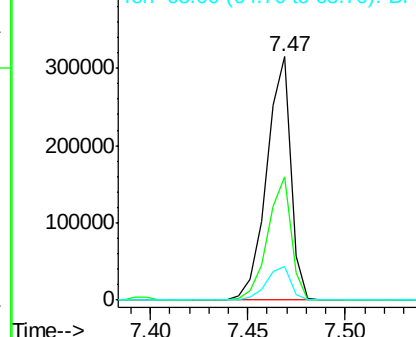


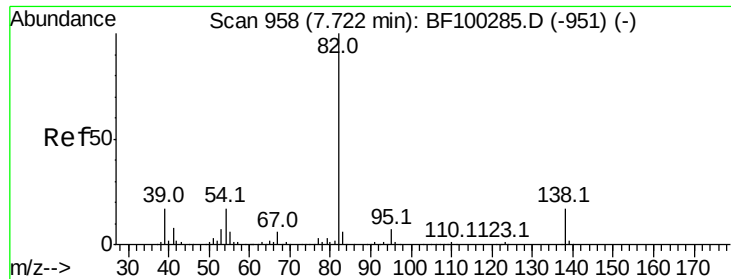
#24
Nitrobenzene
Concen: 42.607 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.9	56.9
65	13.6	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.249 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

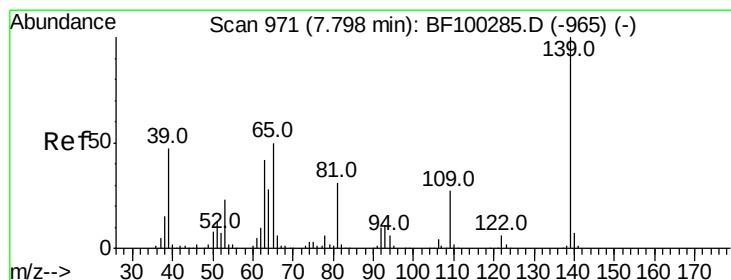
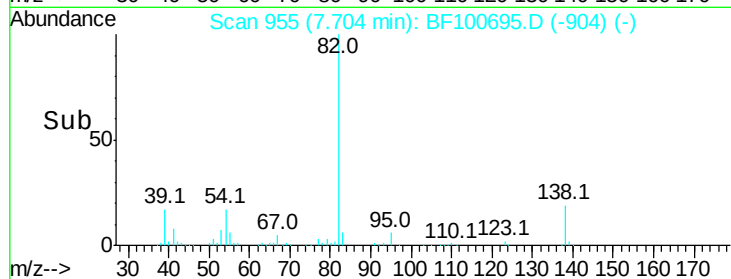
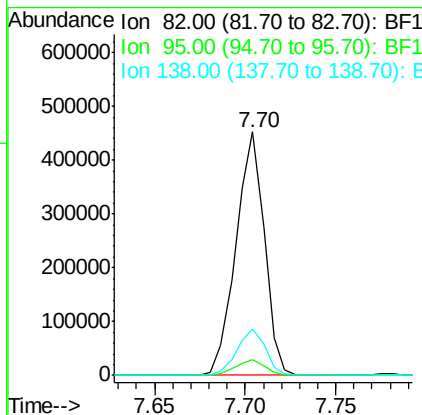
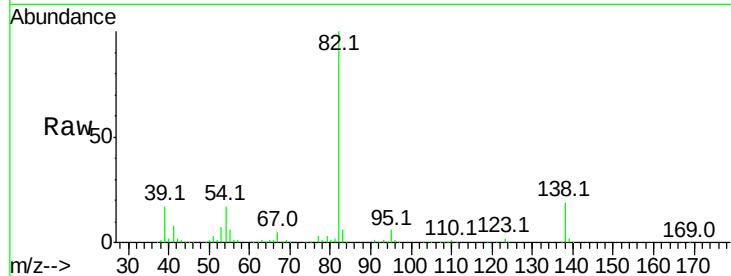
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:	82	Resp:	493927
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.349 ng

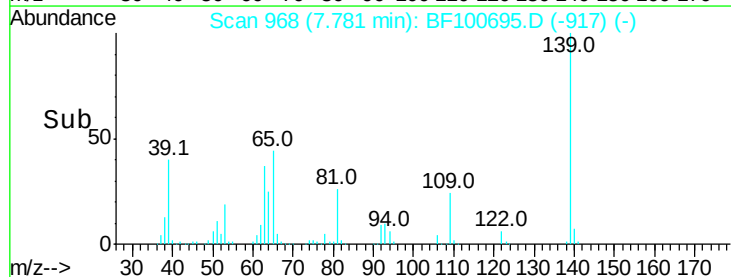
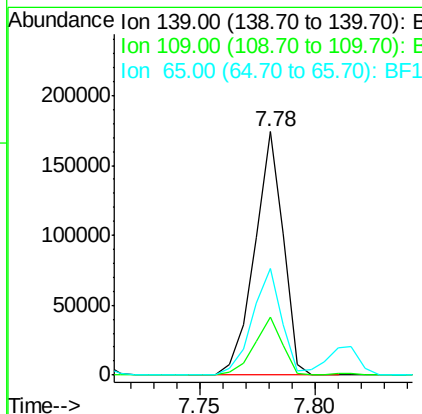
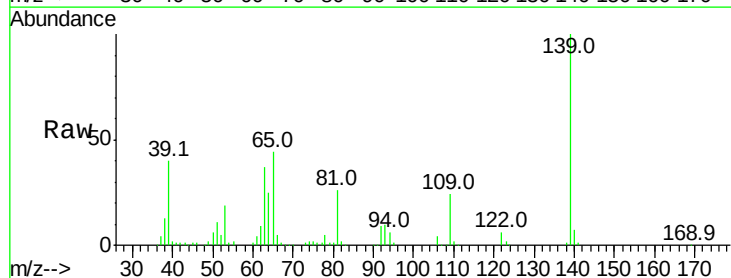
RT: 7.78 min Scan# 968

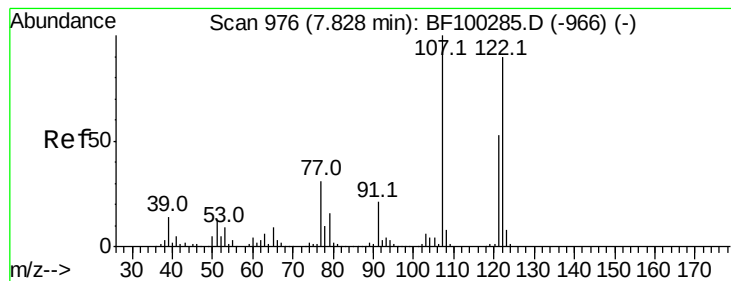
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	139	Resp:	150189
Ion Ratio	Lower	Upper	
139	100		
109	23.8	22.7	34.1
65	43.7	40.5	60.7





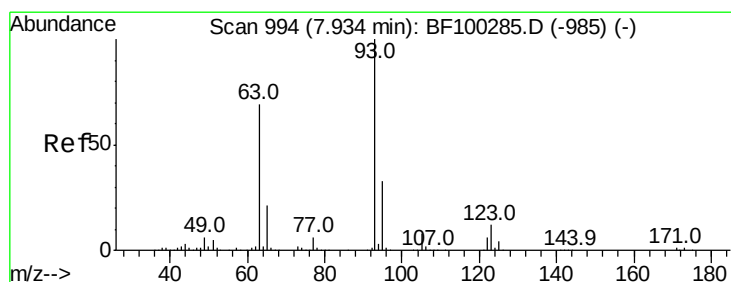
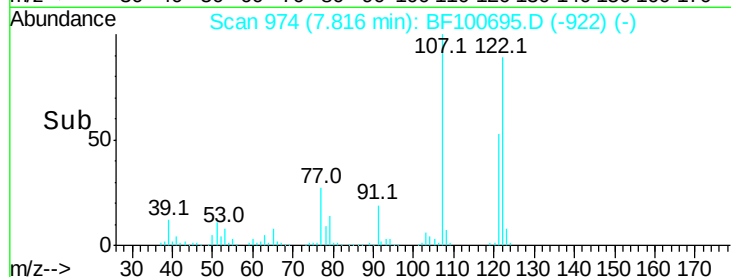
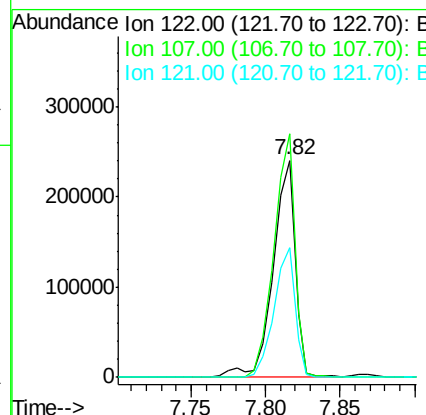
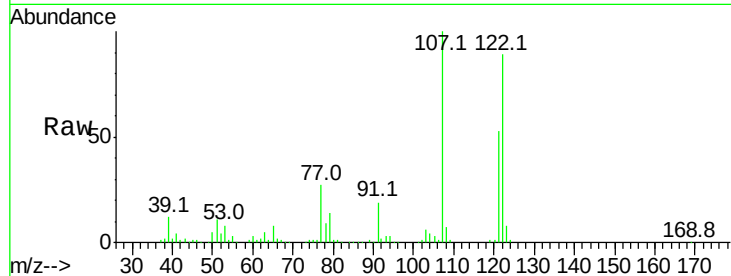
#27
2,4-Dimethylphenol
Concen: 42.572 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	91.2	136.8
121	59.6	47.2	70.8

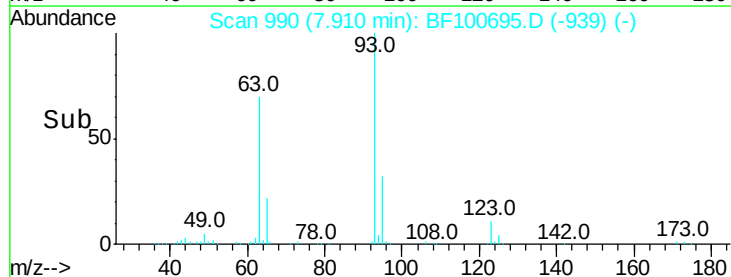
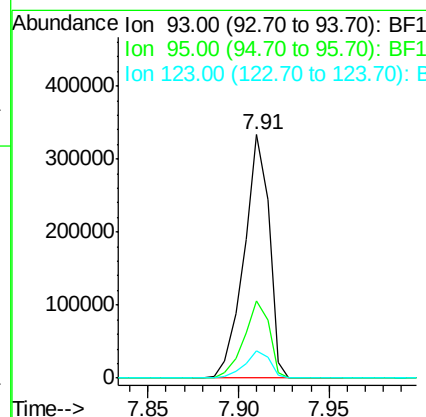
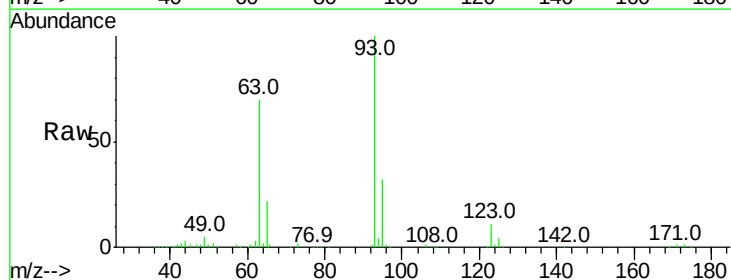
Manual Integrations
APPROVED

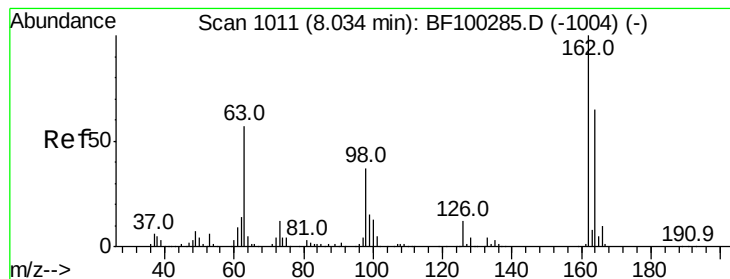
SOHIL
11/20/2017 2:51:22 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.793 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	11.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 42.449 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

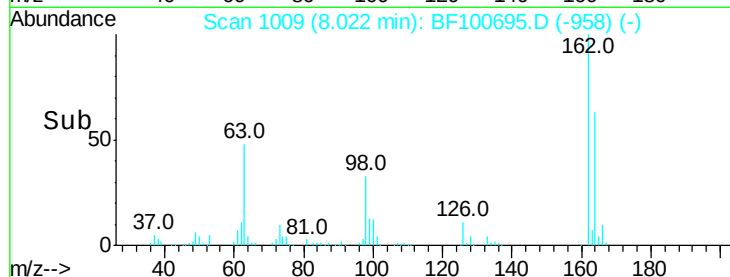
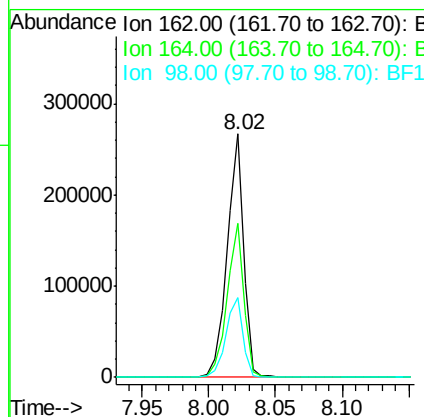
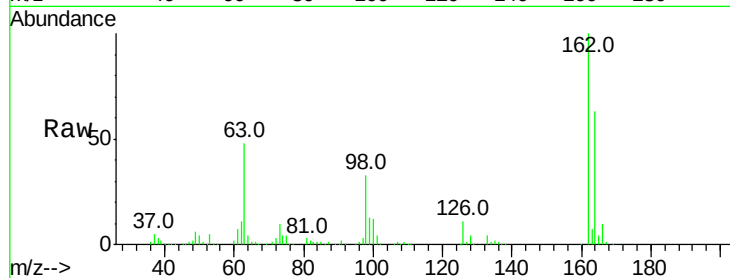
ClientSampled :

LEW-1-E(7-8)MSD

Tot Ion:	162	Resp:	234587
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.7	82.7
98	33.0	18.1	58.1

Manual Integrations
APPROVED

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11/20/2017 2:51:22 PM



#30

1,2,4-Trichlorobenzene

Concen: 40.577 ng

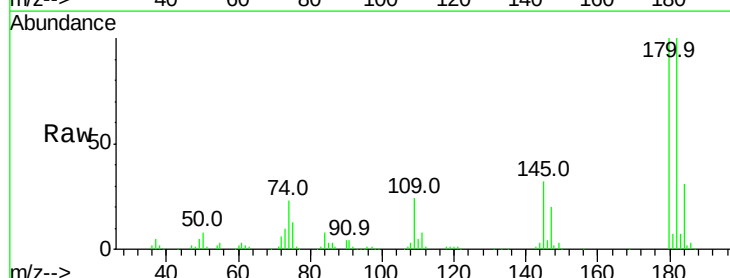
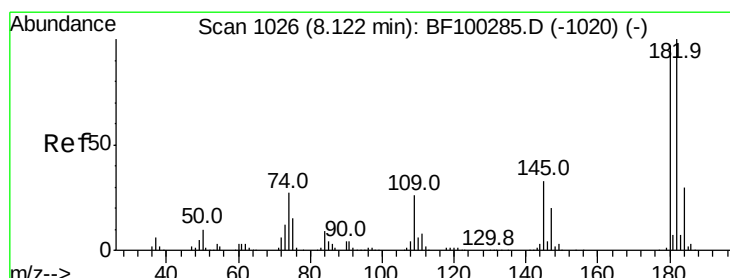
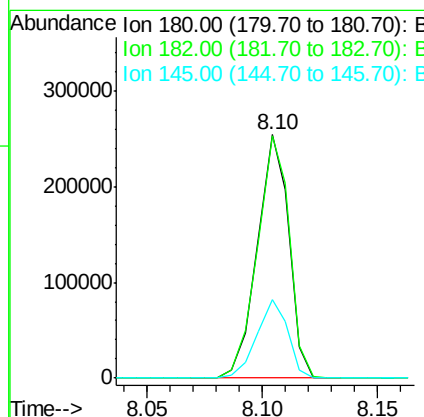
RT: 8.10 min Scan# 1023

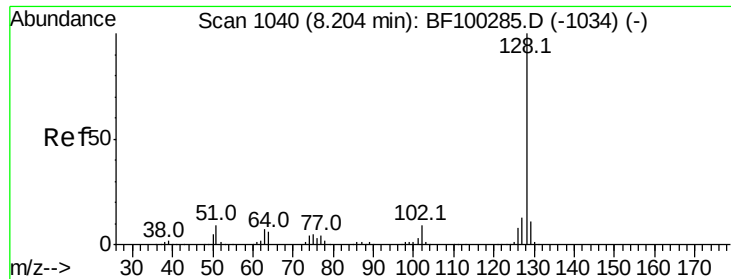
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	180	Resp:	242560
Ion Ratio	Lower	Upper	
180	100		
182	99.6	76.8	115.2
145	32.3	26.5	39.7





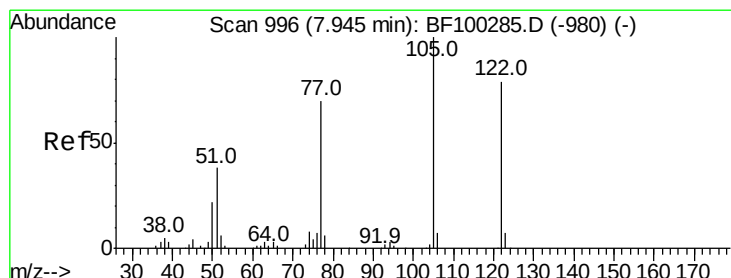
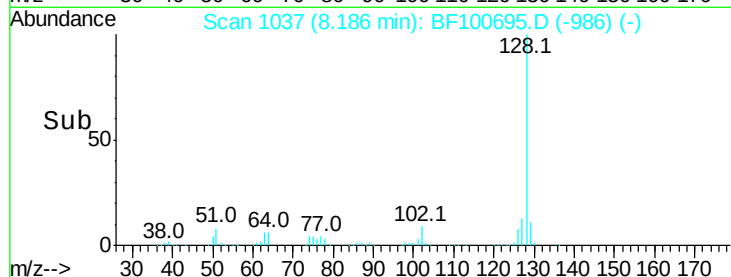
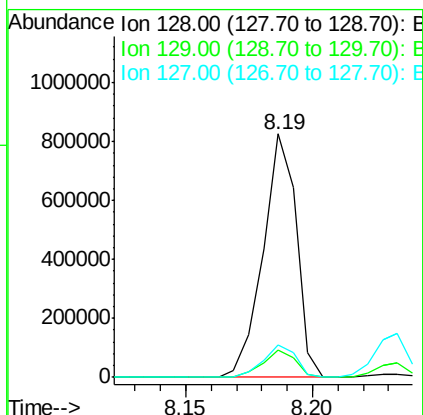
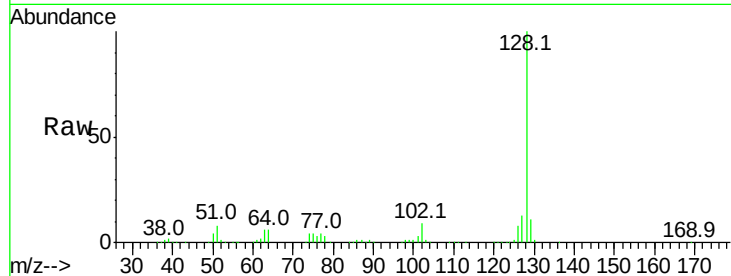
#31
Naphthalene
Concen: 39.099 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	765103		
129	11.4	8.8	13.2	
127	13.4	10.9	16.3	

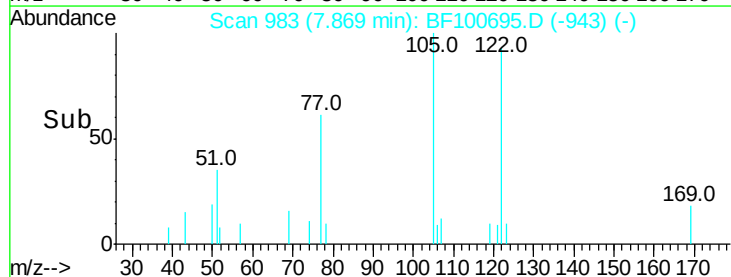
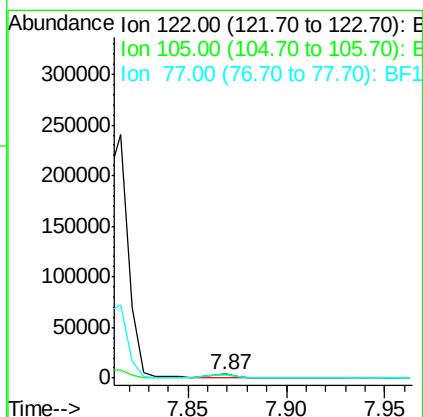
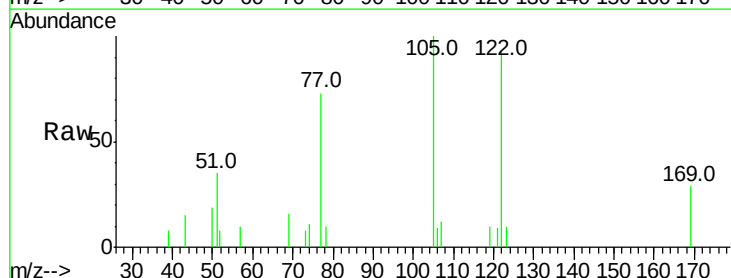
Manual Integrations
APPROVED

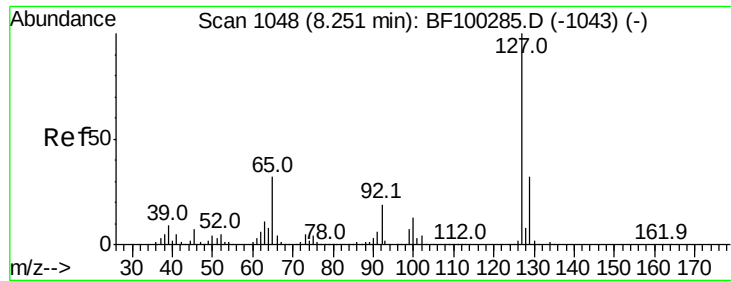
SOHIL
11/20/2017 2:51:22 PM



#32
Benzoic acid
Concen: 10.308 ng m
RT: 7.87 min Scan# 983
Delta R.T. -0.06 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	5162		
105	107.4	101.1	141.1	
77	78.2	70.7	110.7	





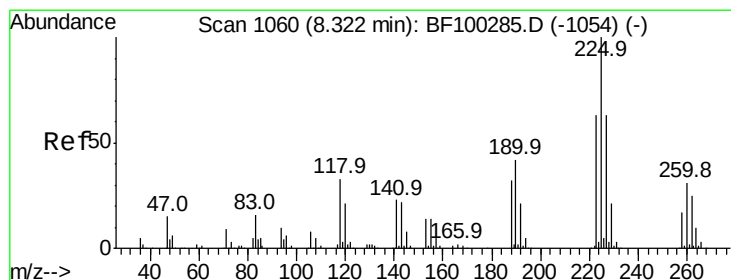
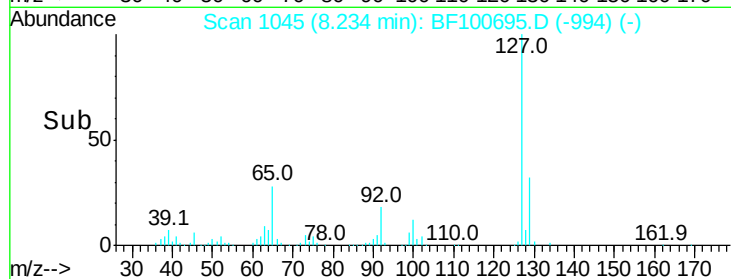
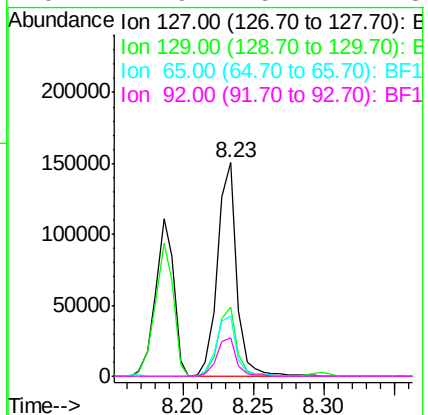
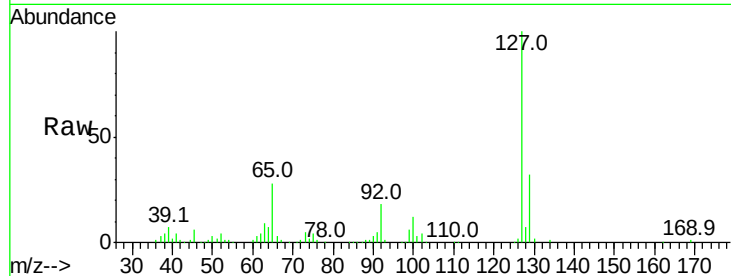
#33
 4-Chloroaniline
 Concen: 17.543 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.9	38.9	
65	27.9	25.0	37.4	
92	17.9	15.2	22.8	

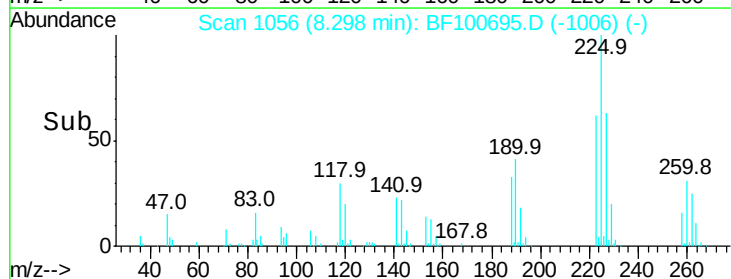
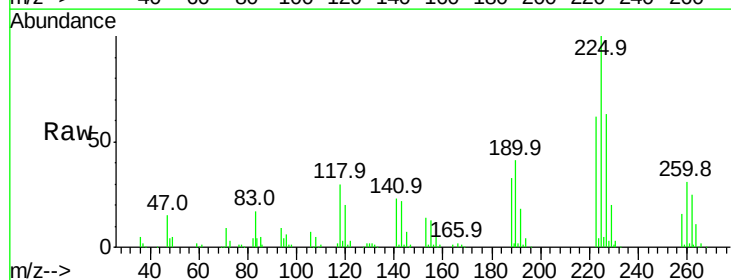
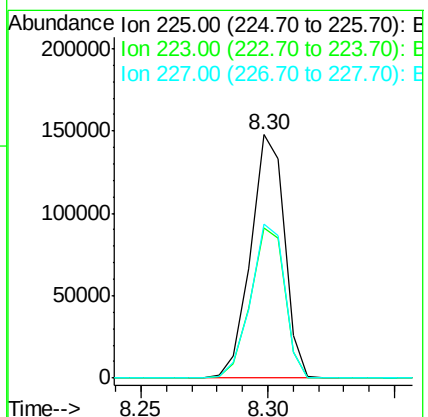
Manual Integrations
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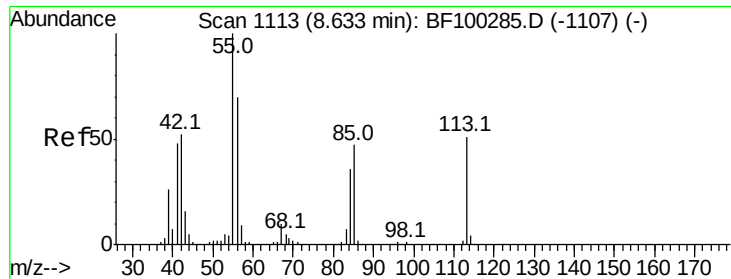
SOHIL
 11/20/2017 2:51:22 PM



#34
 Hexachlorobutadiene
 Concen: 38.630 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	50.6	76.0	
227	63.1	51.9	77.9	





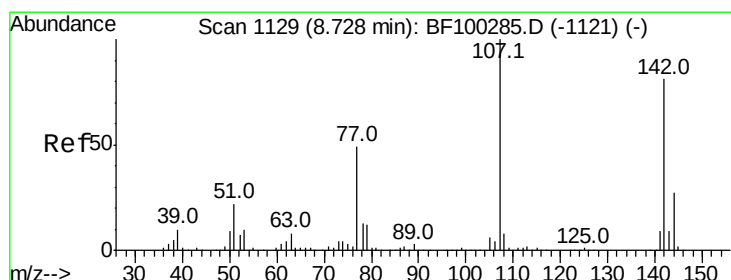
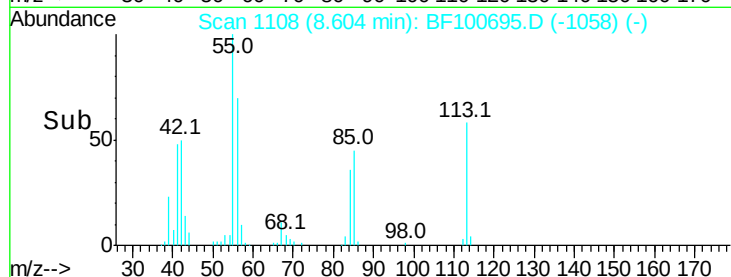
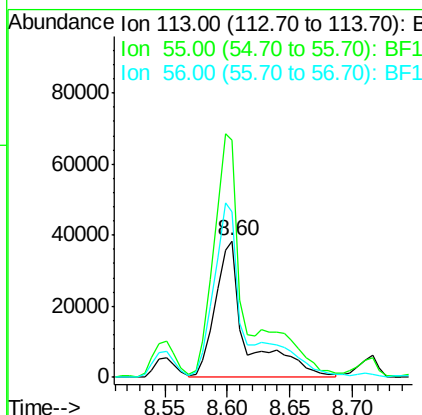
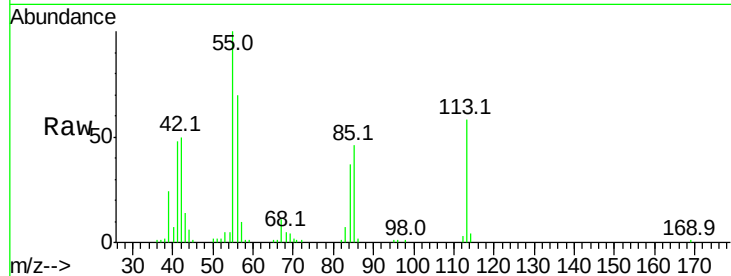
#35
 Caprolactam
 Concen: 35.401 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.5	163.3	203.3
56	120.7	115.7	155.7

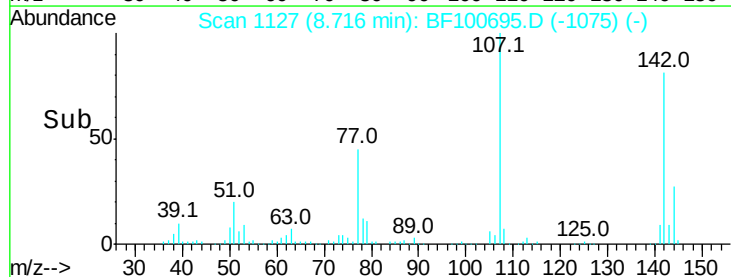
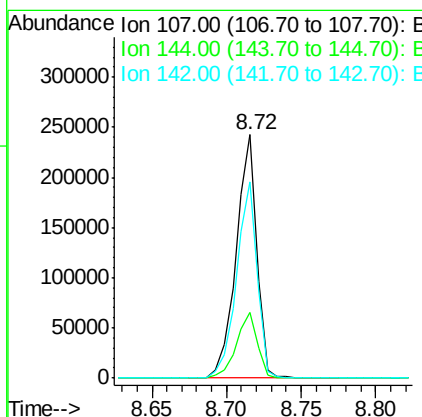
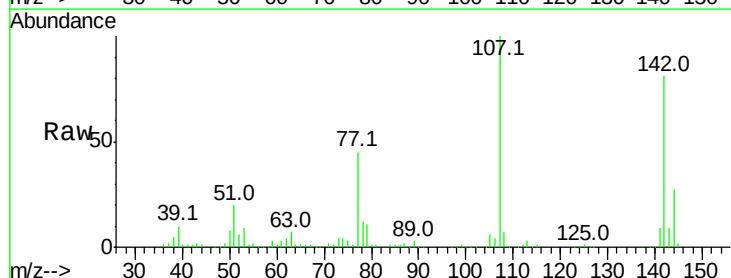
Manual Integrations
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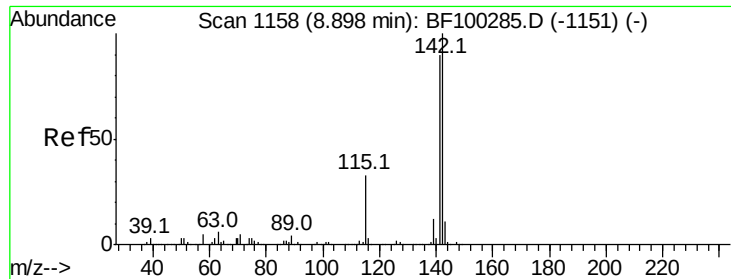
SOHIL
 11/20/2017 2:51:22 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.701 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.5	30.7
142	80.7	62.0	93.0





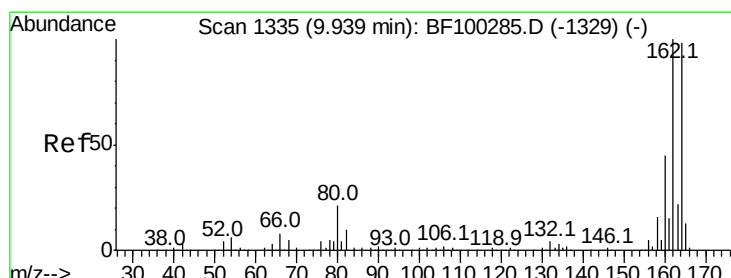
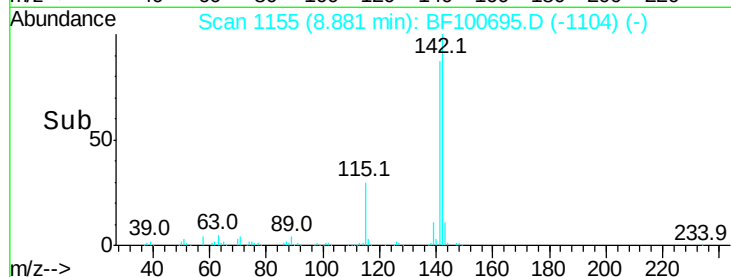
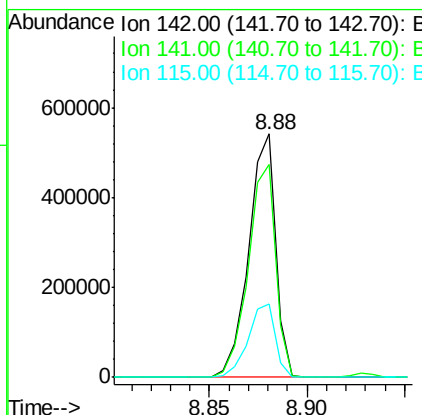
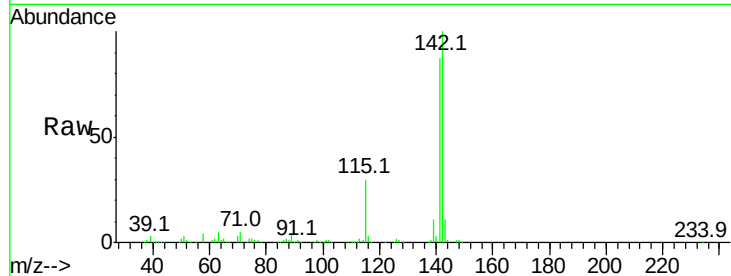
#37
2-Methylnaphthalene
Concen: 39.846 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	29.9	26.1	39.1

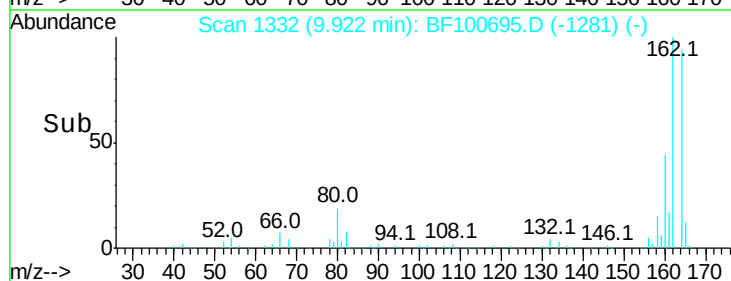
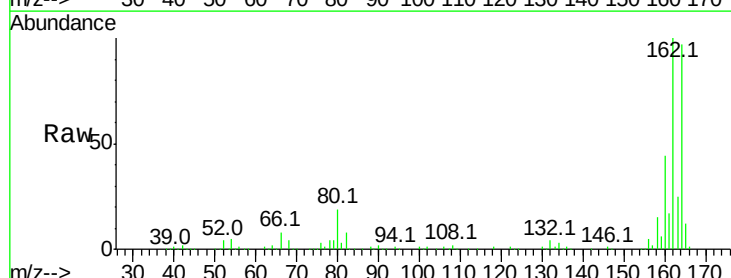
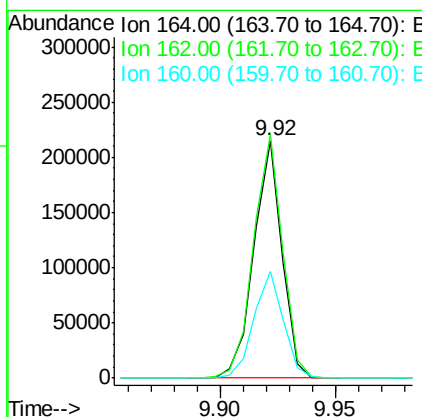
Manual Integrations
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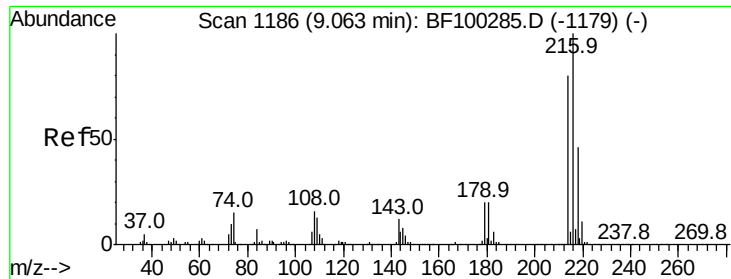
SOHIL
11/20/2017 2:51:22 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	44.9	38.3	57.5





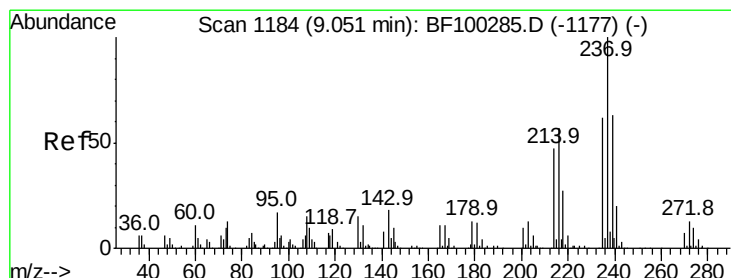
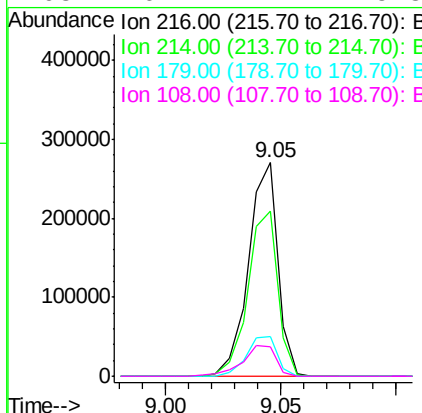
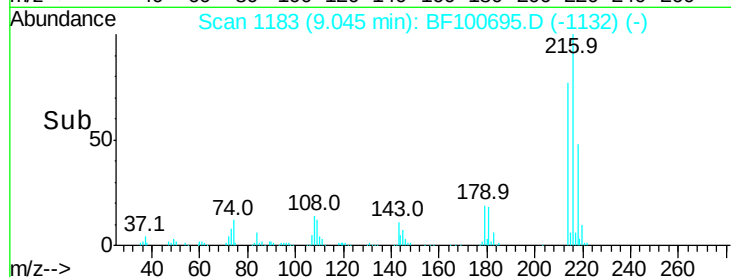
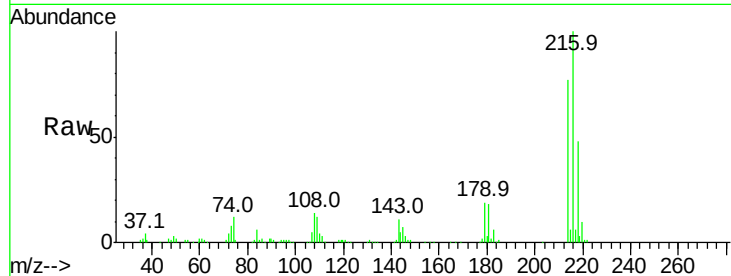
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.793 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.0	94.4
179	19.8	18.1	27.1
108	16.7	17.2	25.8#

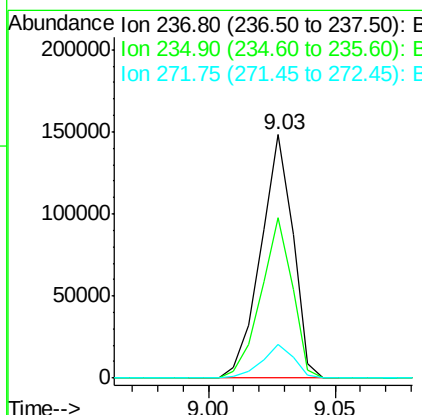
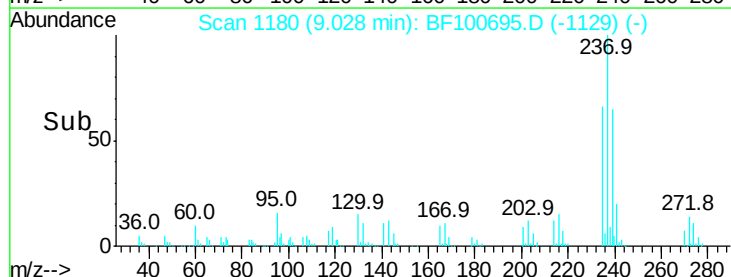
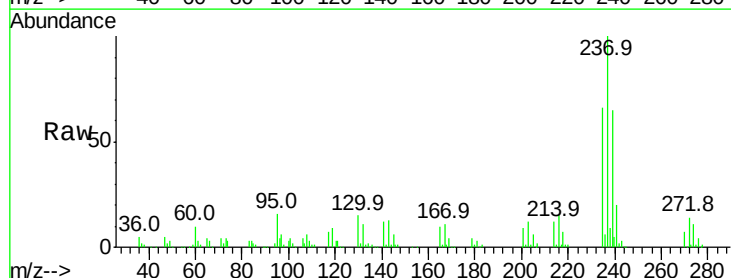
Manual Integrations
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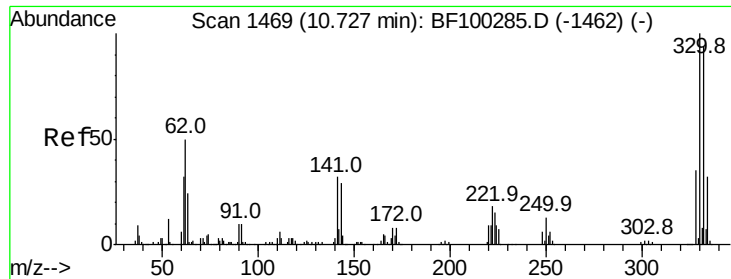
SOHIL
 11/20/2017 2:51:22 PM



#40
 Hexachlorocyclopentadiene
 Concen: 46.299 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.7	44.8	84.8
272	14.0	0.0	33.3





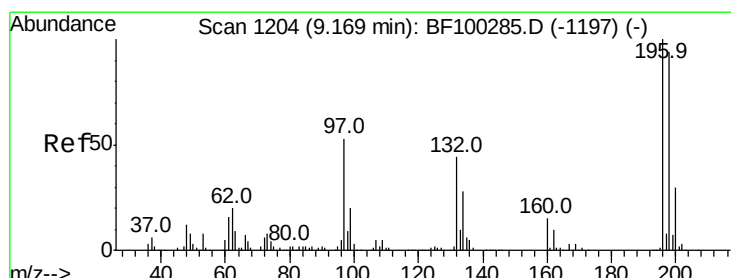
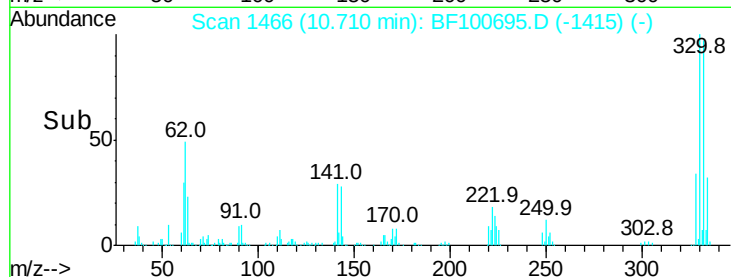
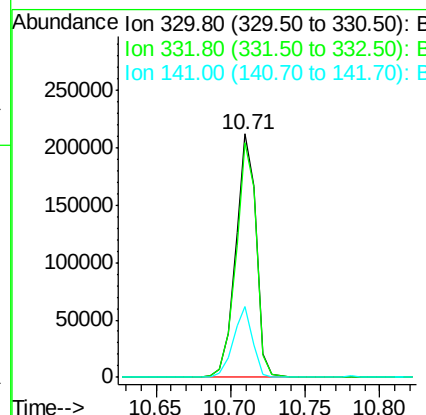
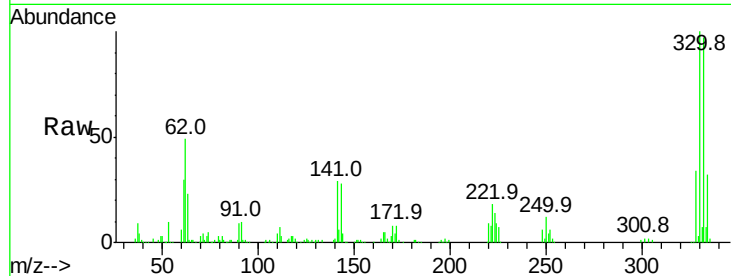
#41
 2,4,6-Tribromophenol
 Concen: 109.727 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	27.9	29.9	44.9	

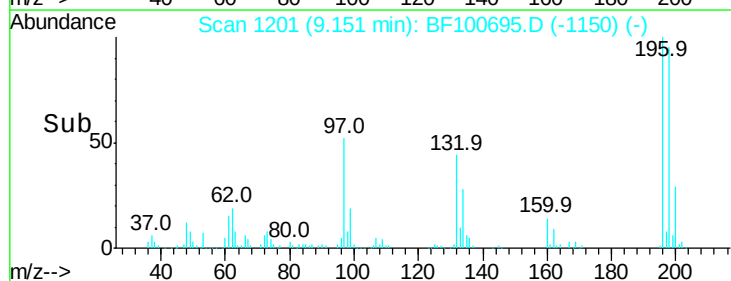
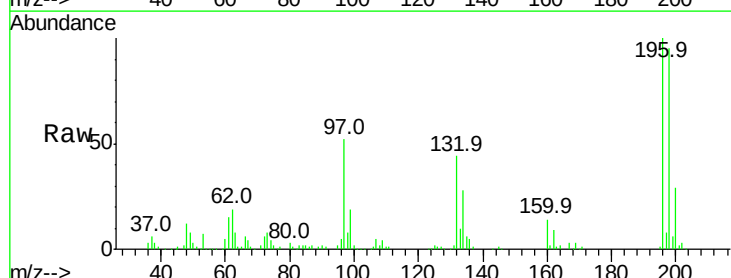
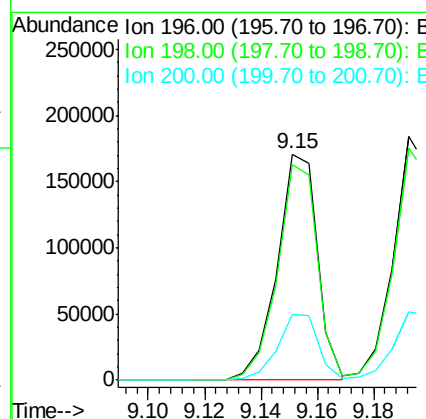
Manual Integrations
 APPROVED

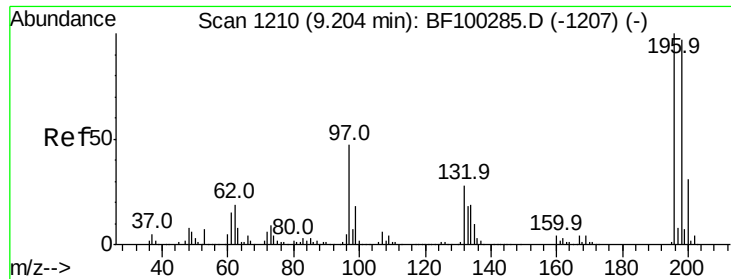
SOHIL
 11/20/2017 2:51:22 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.834 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.5	75.7	113.5	
200	29.3	24.5	36.7	





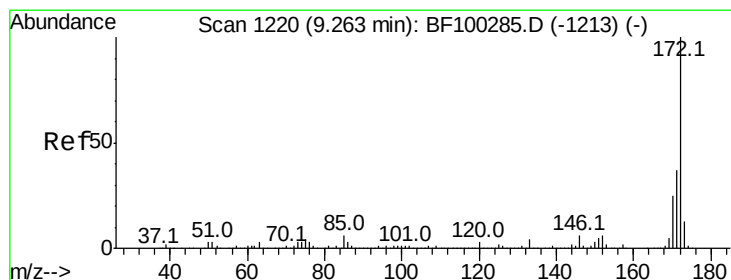
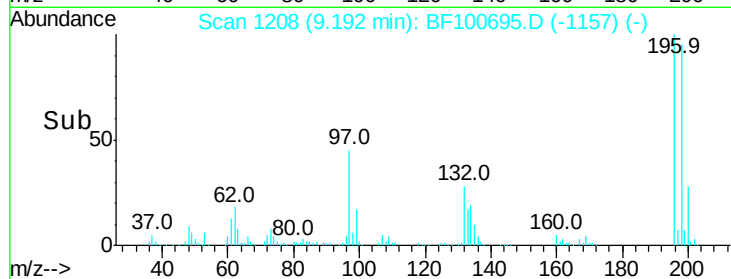
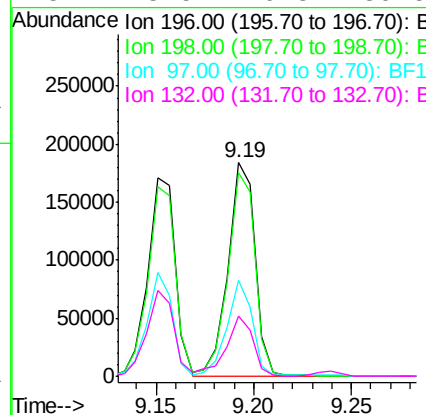
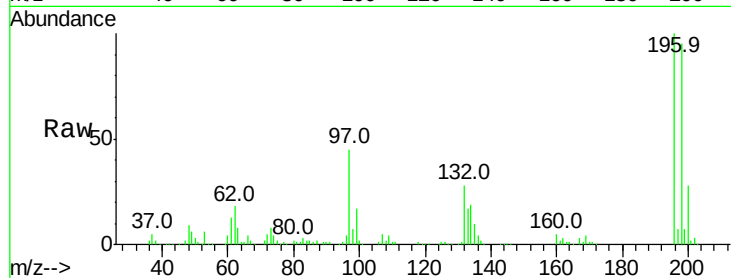
#43
 2,4,5-Trichlorophenol
 Concen: 44.641 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	196	Resp	177694
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	44.9	42.9	64.3
132	28.5	26.3	39.5

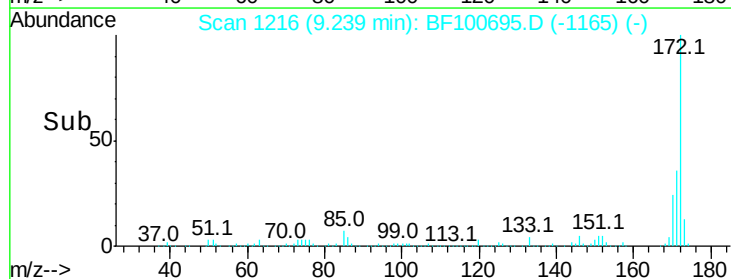
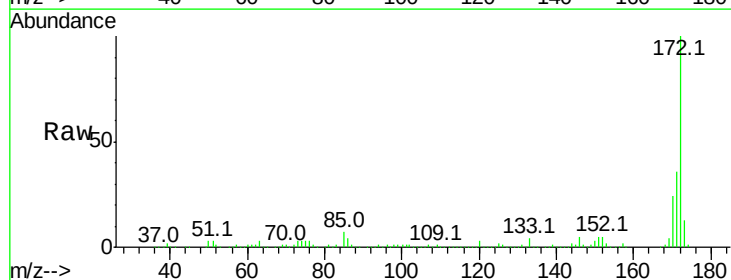
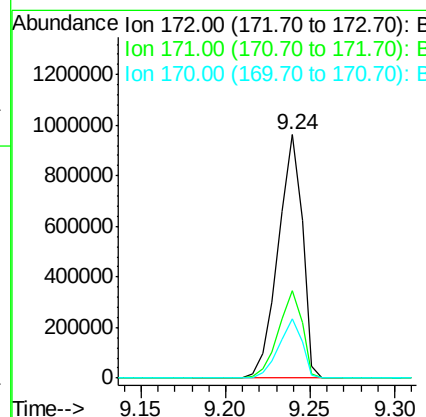
Manual Integrations
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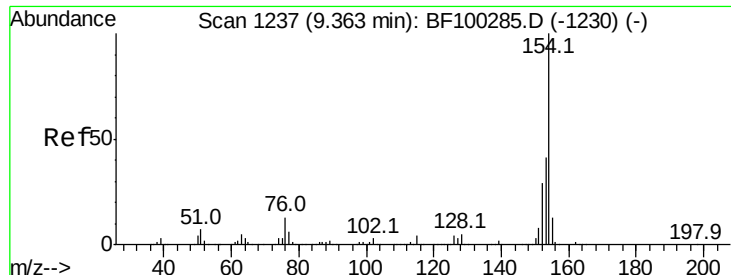
SOHIL
 11/20/2017 2:51:22 PM



#44
 2-Fluorobiphenyl
 Concen: 79.757 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	172	Resp	957352
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.4	19.6	29.4





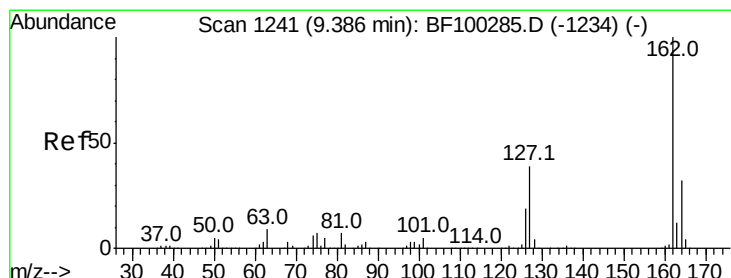
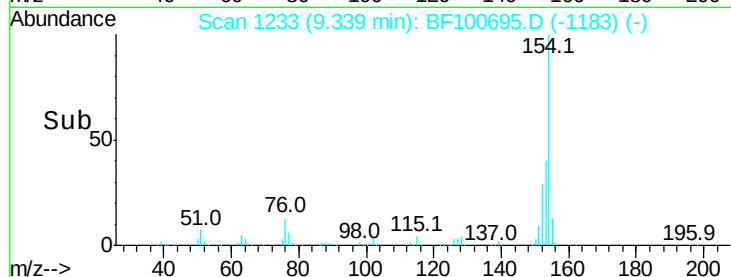
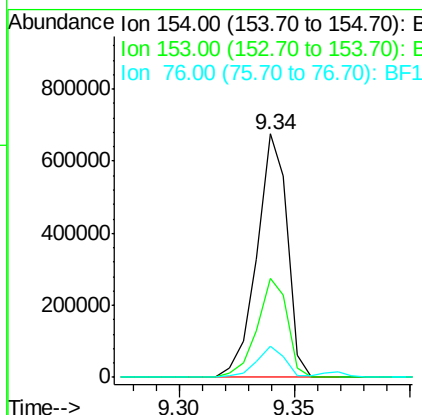
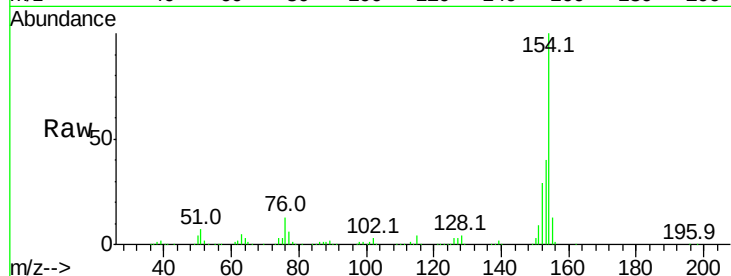
#45
 1,1'-Biphenyl
 Concen: 39.223 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	12.7	0.0	34.0

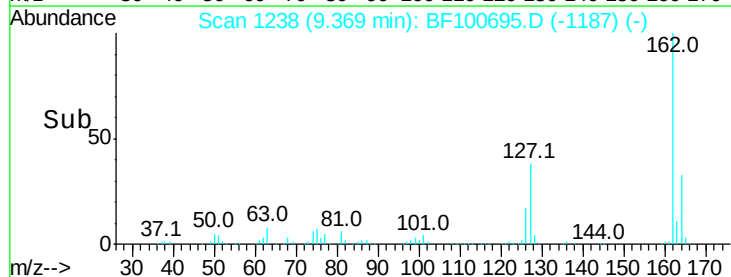
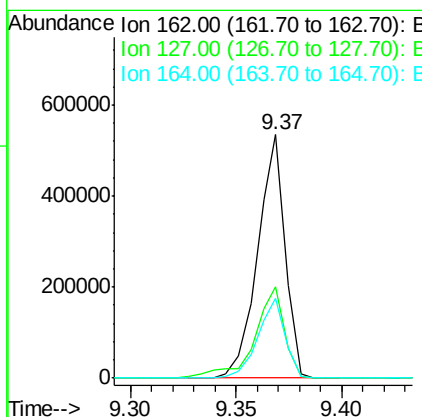
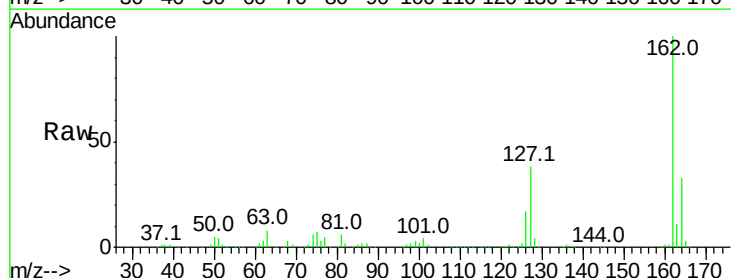
Manual Integrations
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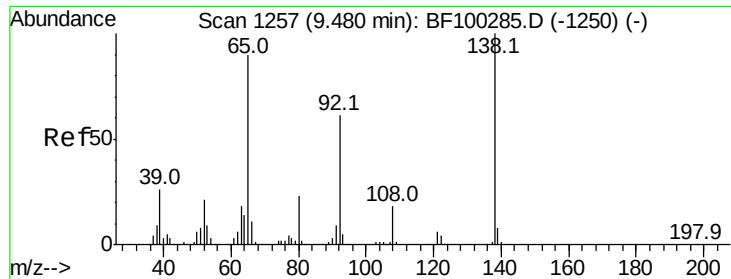
SOHIL
 11/20/2017 2:51:22 PM



#46
 2-Chloronaphthalene
 Concen: 42.001 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	33.9	50.9
164	32.7	26.5	39.7





#47

2-Nitroaniline

Concen: 42.458 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

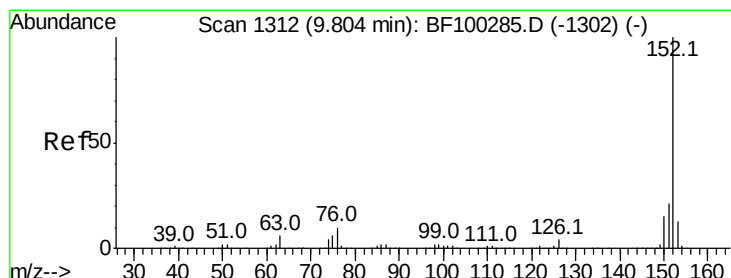
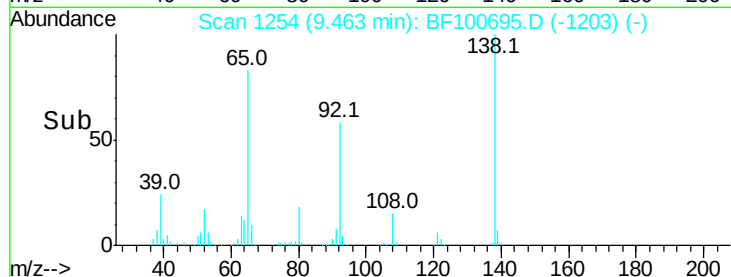
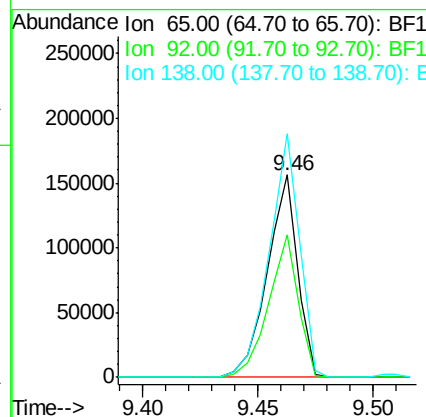
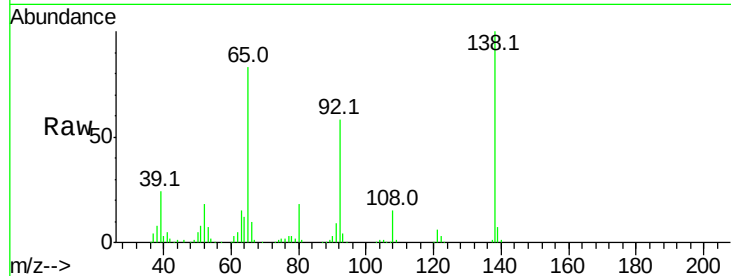
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	55.8	83.6
138	120.3	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 38.649 ng

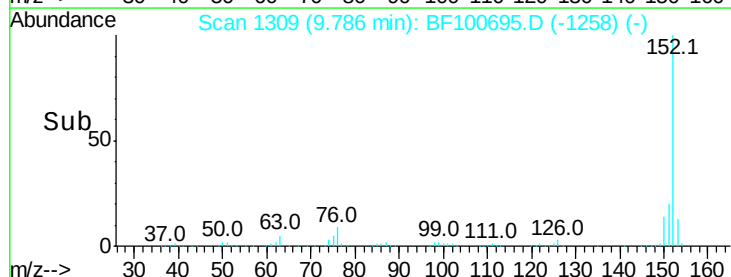
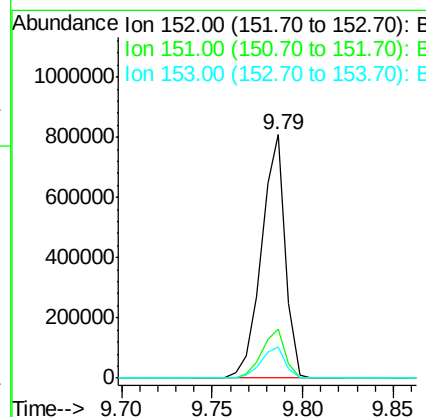
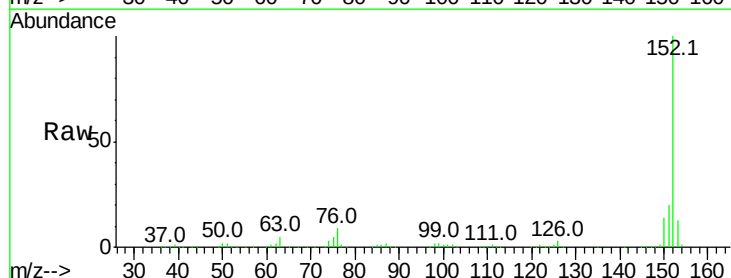
RT: 9.79 min Scan# 1309

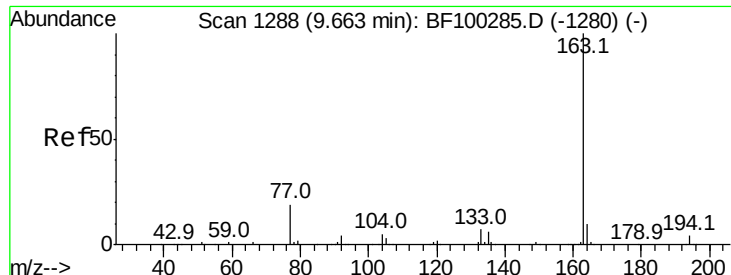
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	12.8	10.7	16.1





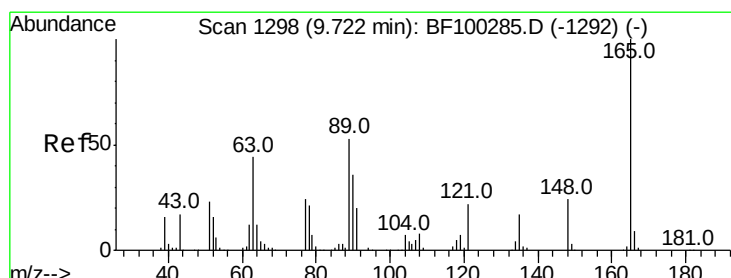
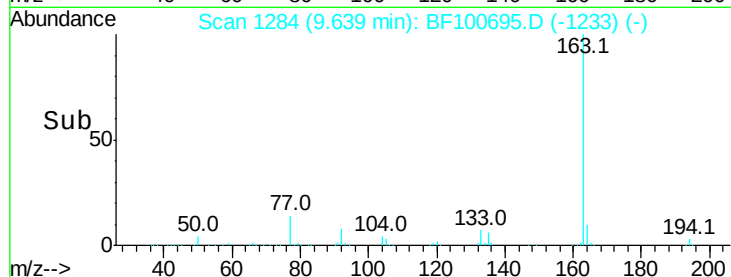
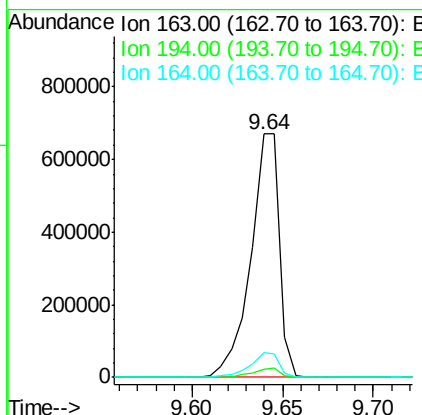
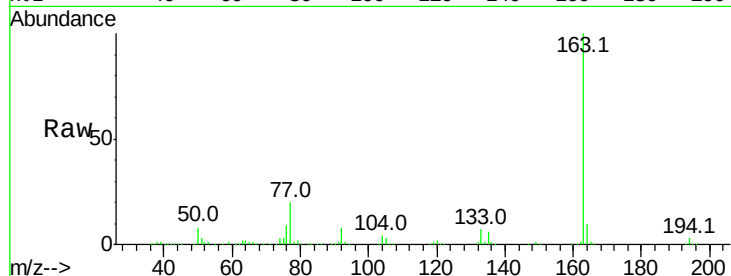
#49
Dimethylphthalate
Concen: 52.820 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.4	8.2	12.2	

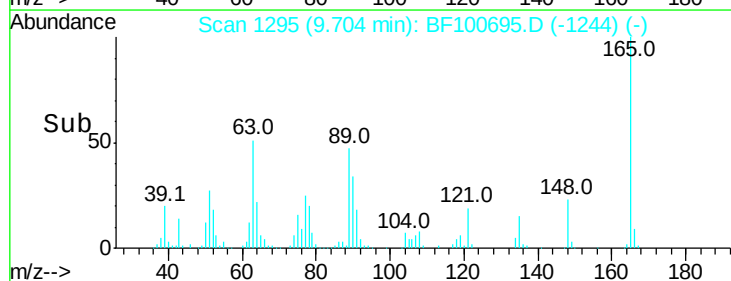
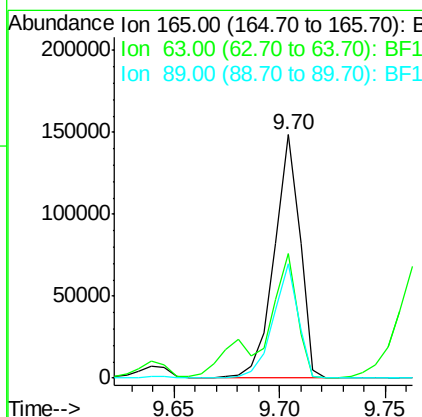
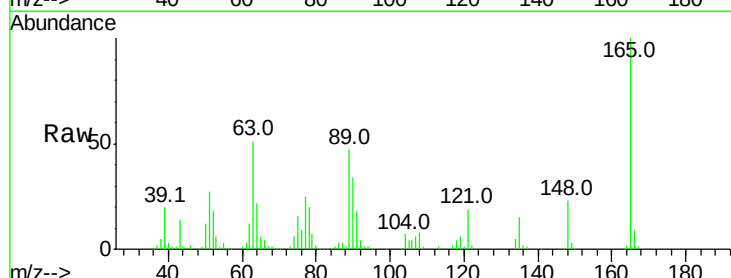
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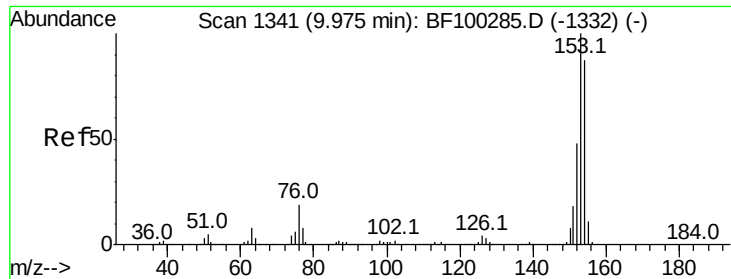
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#50
2,6-Dinitrotoluene
Concen: 45.485 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.1	44.7	67.1	
89	47.0	44.0	66.0	





#51

Acenaphthene

Concen: 37.854 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

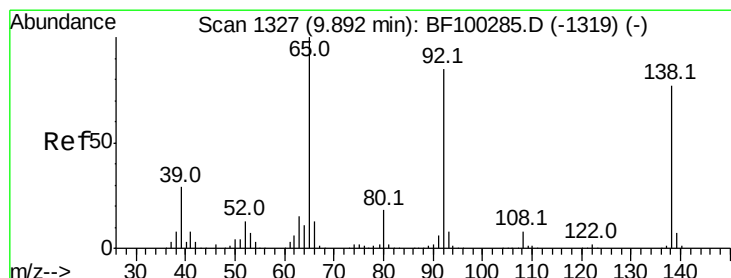
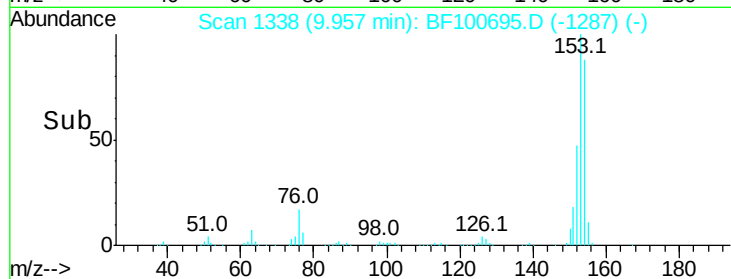
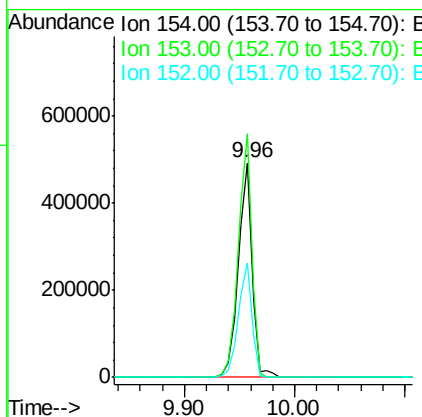
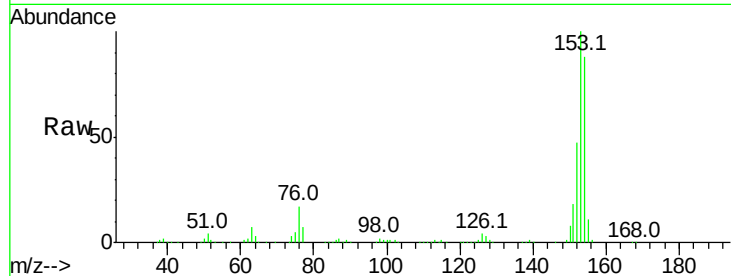
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:154	Resp:	437549
Ion Ratio	Lower	Upper
154	100	
153	113.5	91.2 136.8
152	53.2	43.8 65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 30.108 ng

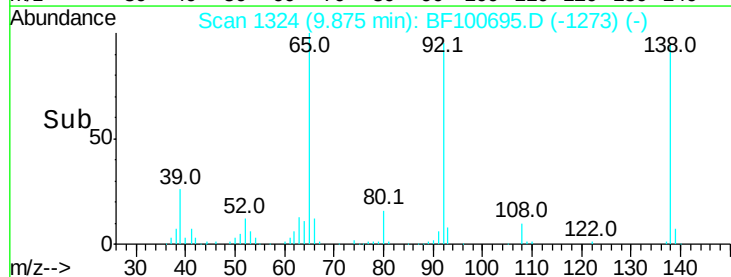
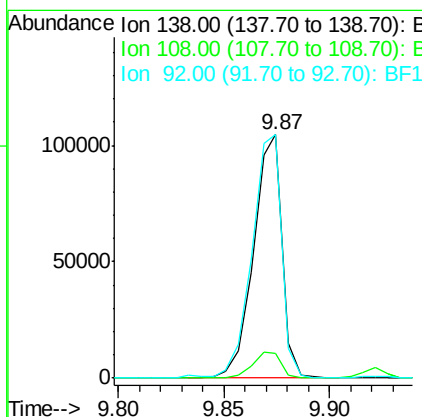
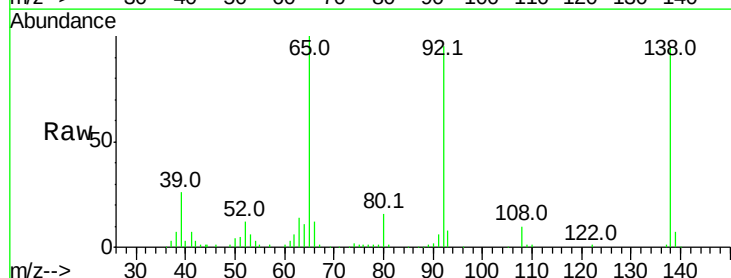
RT: 9.87 min Scan# 1324

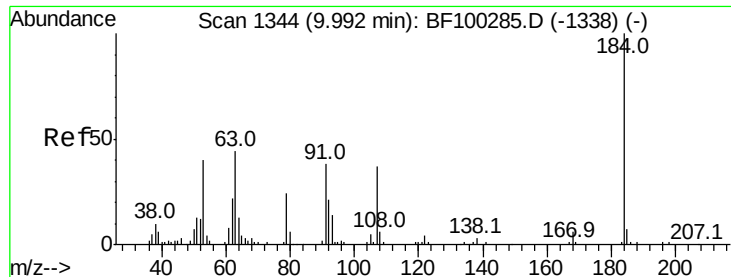
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:138	Resp:	98209
Ion Ratio	Lower	Upper
138	100	
108	10.2	9.4 14.0
92	100.0	89.4 134.2





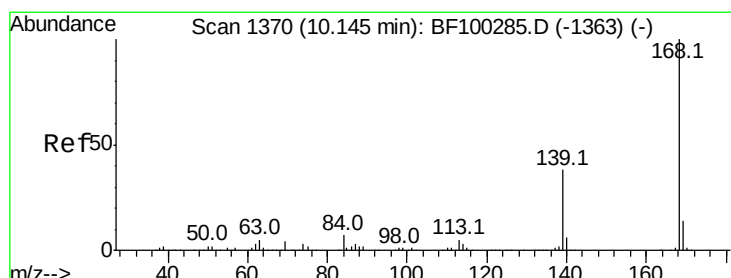
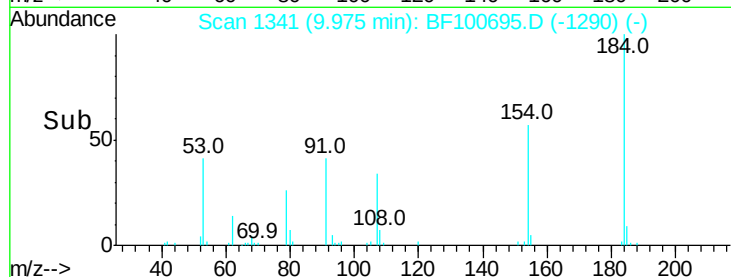
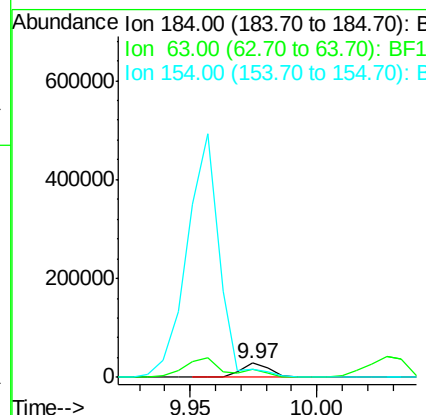
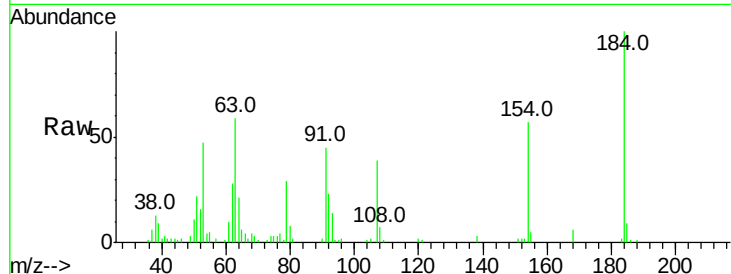
#53
2,4-Dinitrophenol
Concen: 30.999 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	23625		
63	58.8	54.2	81.2	
154	56.6	184.0	276.0#	

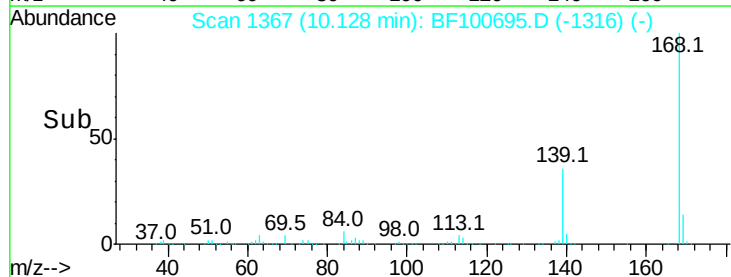
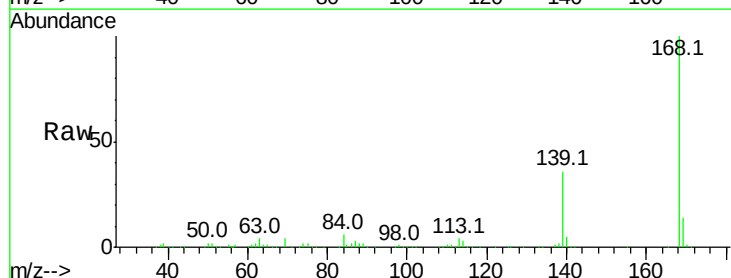
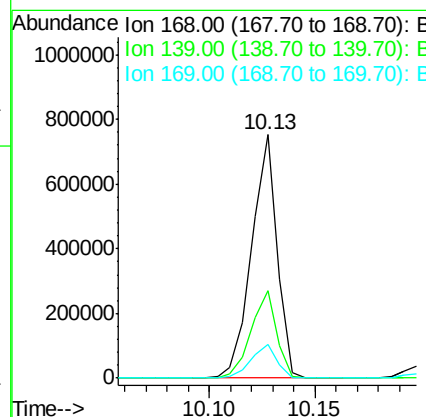
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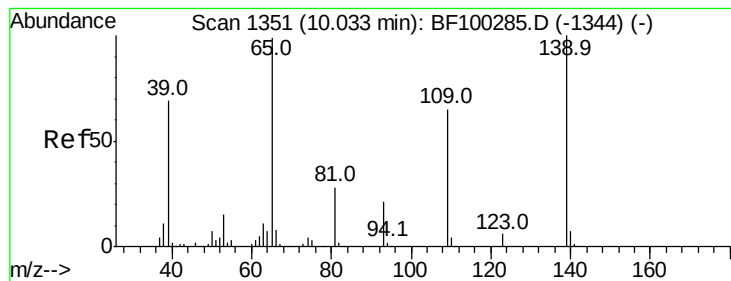
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#54
Dibenzofuran
Concen: 39.008 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	631950		
139	36.1	30.1	45.1	
169	13.7	10.9	16.3	





#55

4-Nitrophenol

Concen: 68.141 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

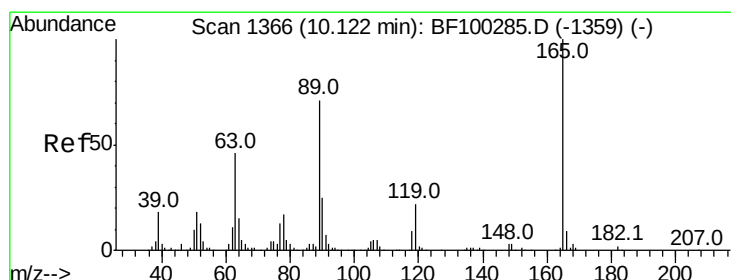
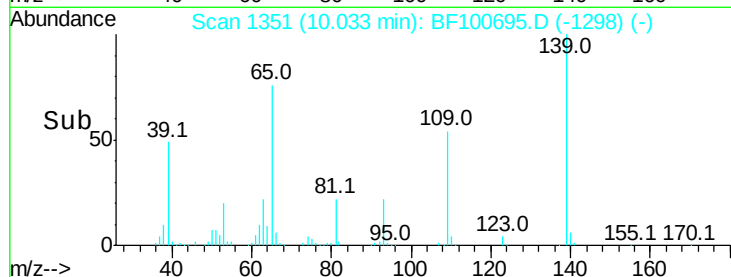
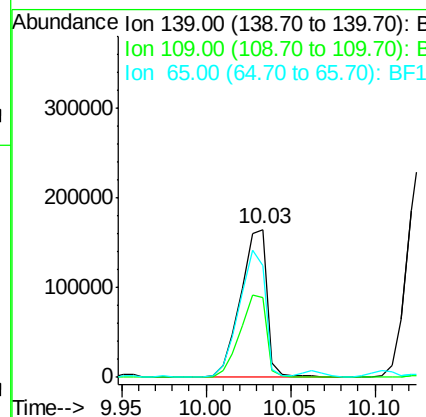
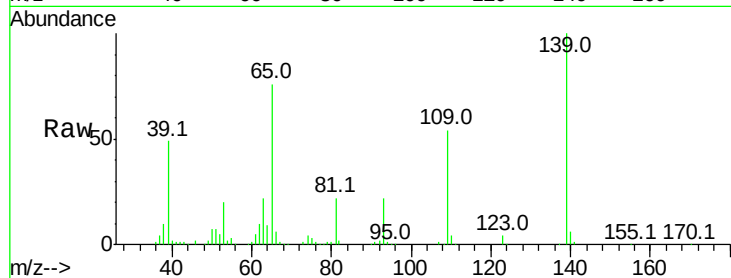
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:	139	Resp:	180481
Ion Ratio	Lower	Upper	
139	100		
109	54.4	48.4	88.4
65	76.0	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 45.852 ng

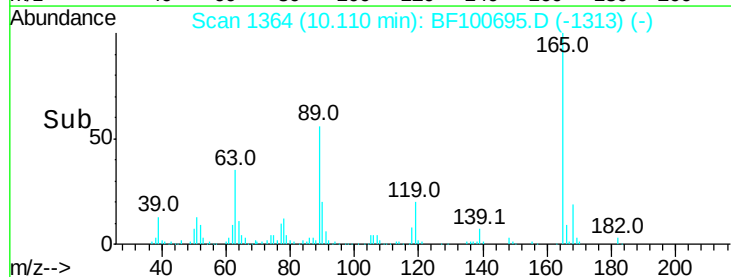
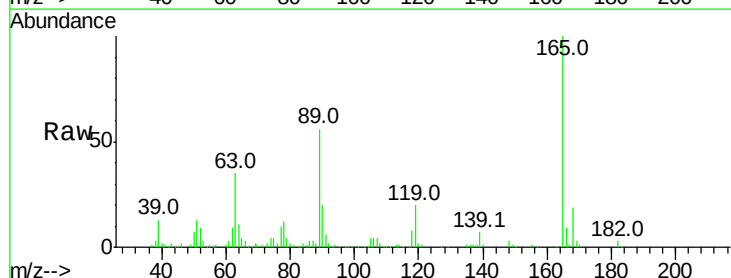
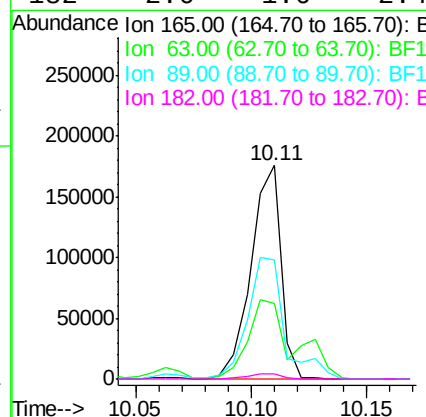
RT: 10.11 min Scan# 1364

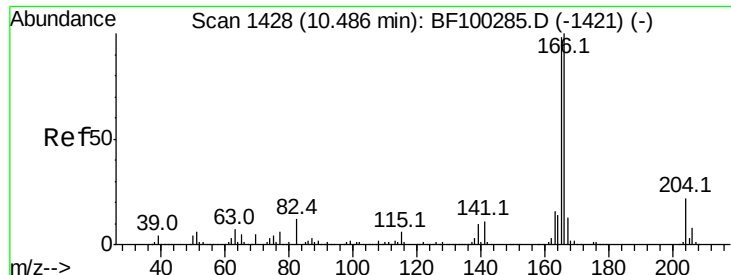
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	165	Resp:	159786
Ion Ratio	Lower	Upper	
165	100		
63	35.1	36.4	54.6#
89	55.5	57.8	86.6#
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 40.464 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:166 Resp: 480227

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

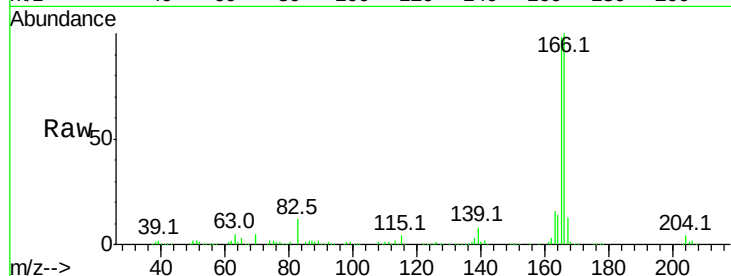
167 13.5 10.6 16.0

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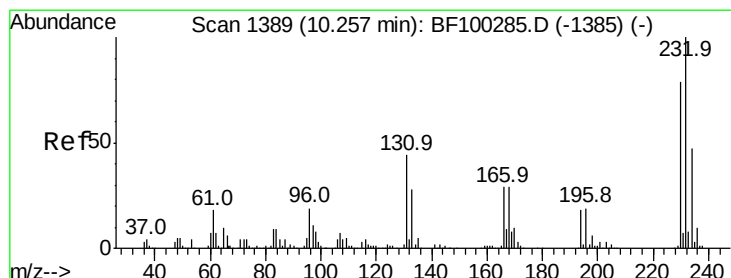
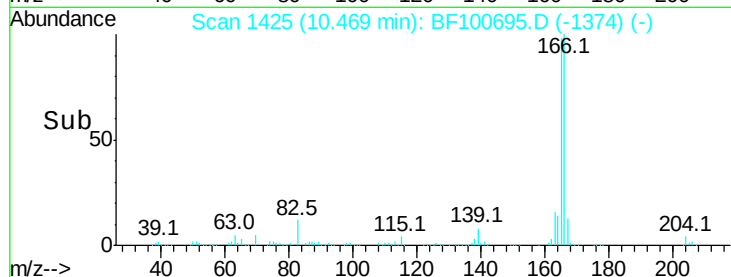
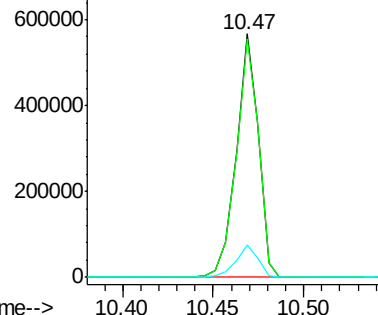
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.919 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:232 Resp: 133488

Ion Ratio Lower Upper

232 100

131 41.4 43.8 65.8#

130 1.9 2.1 3.1#

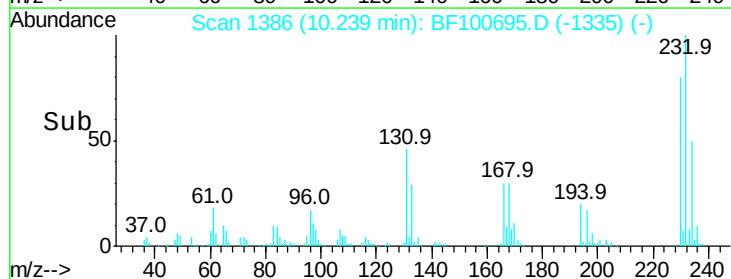
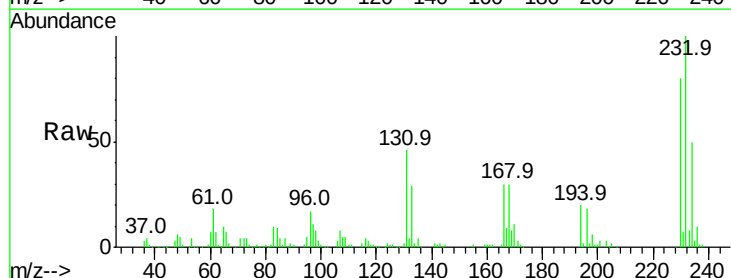
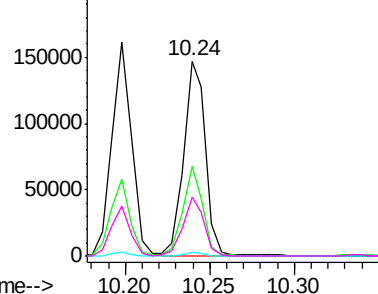
166 28.9 27.8 41.6

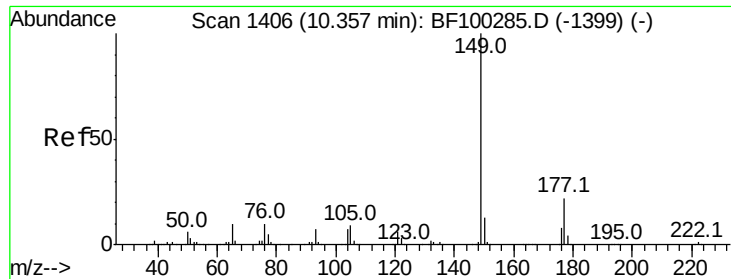
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





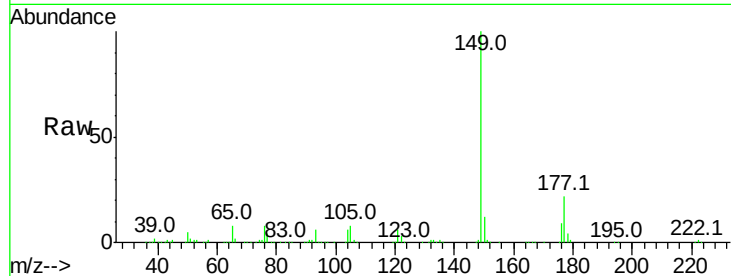
#59
Diethylphthalate
Concen: 38.426 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

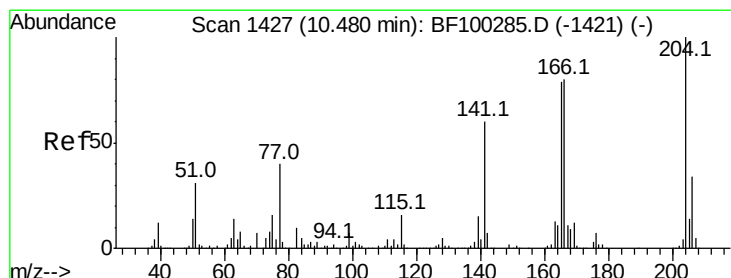
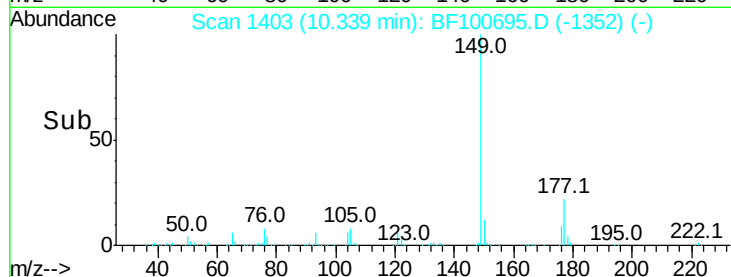
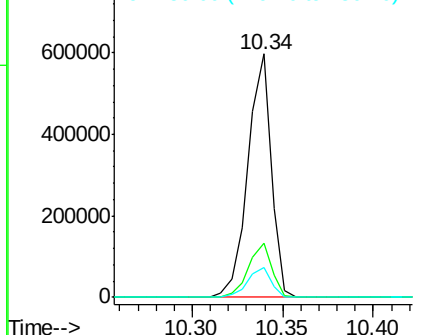
Tot Ion	Ratio	Resp	Lower	Upper
149	100	536630		
177	22.3	16.1	24.1	
150	12.3	10.1	15.1	

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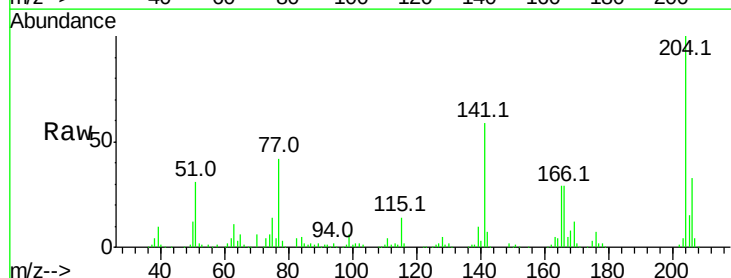


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

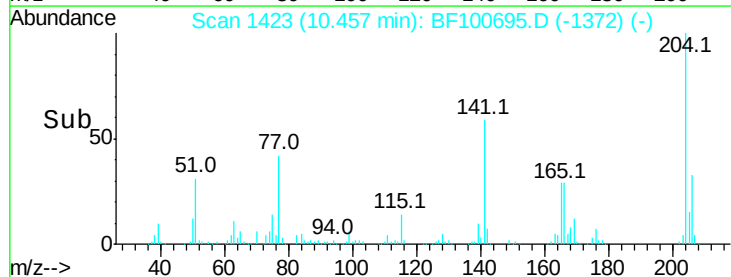
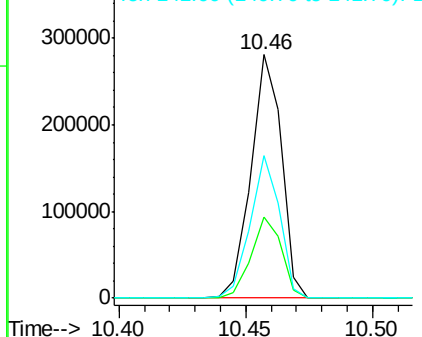


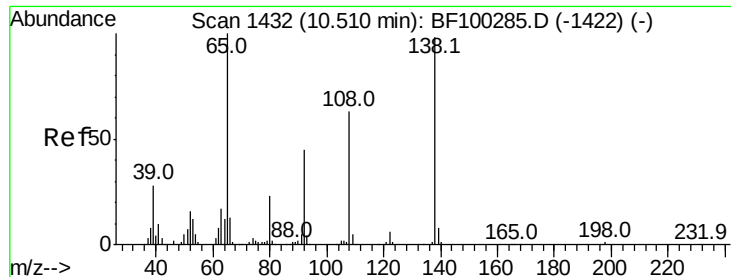
#60
4-Chlorophenyl-phenylether
Concen: 40.359 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	234969		
206	33.2	26.5	39.7	
141	58.8	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





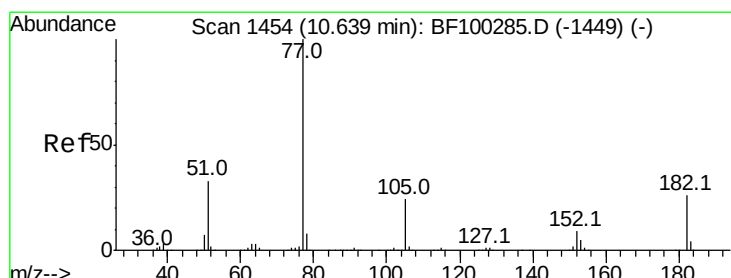
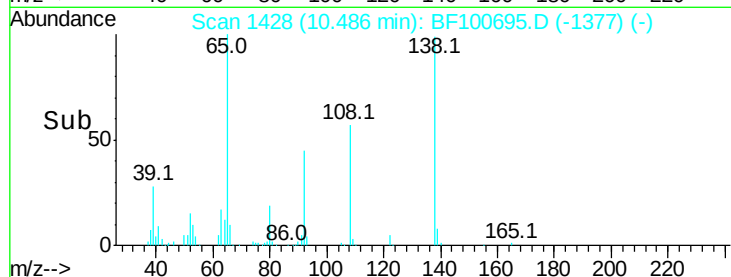
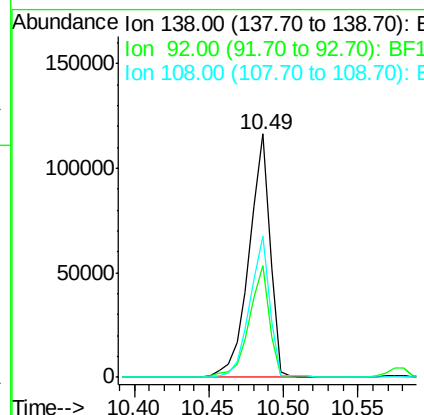
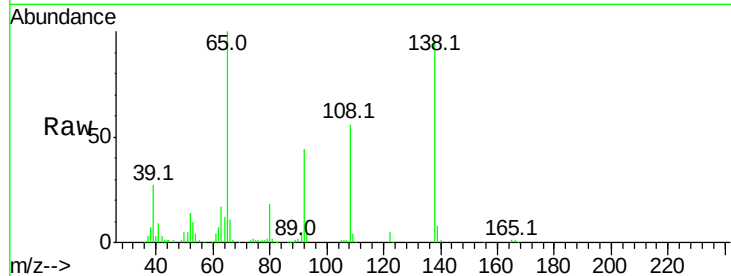
#61
4-Nitroaniline
Concen: 36.883 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.8	30.2	70.2
108	58.3	52.5	92.5

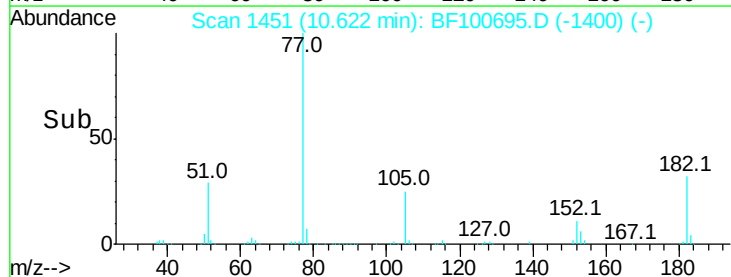
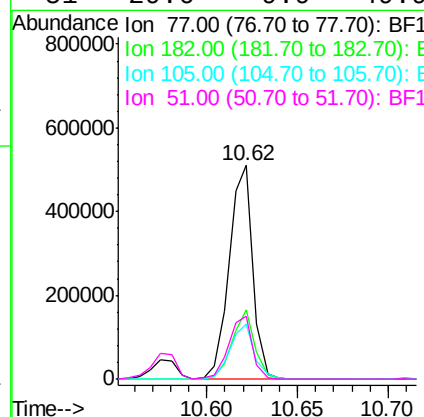
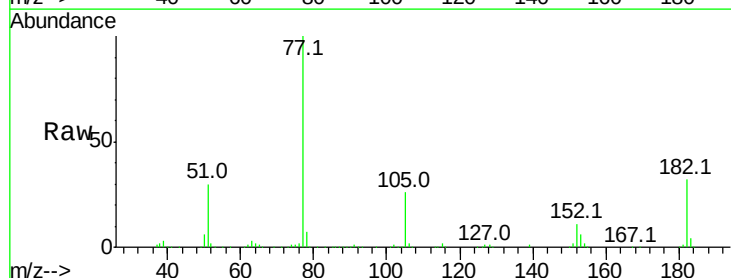
Manual Integrations
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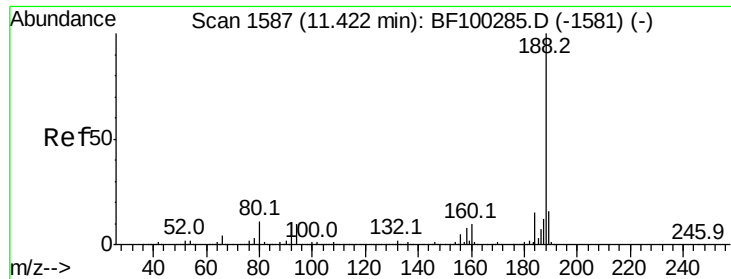
SOHIL
11/20/2017 2:51:22 PM



#62
Azobenzene
Concen: 35.009 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.3	1.7	41.7
105	25.7	3.0	43.0
51	29.6	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

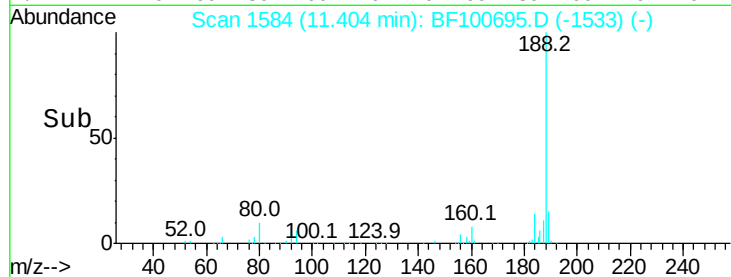
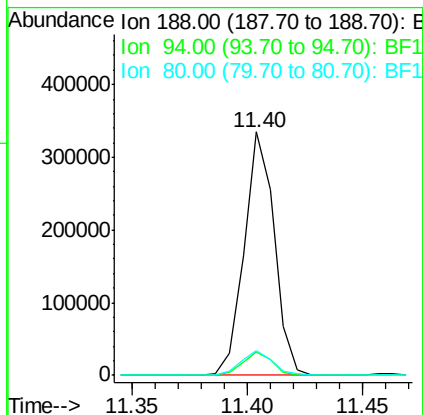
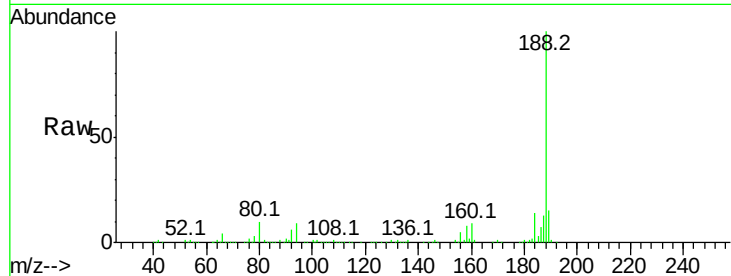
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:188	Resp:	305023
Ion Ratio	Lower	Upper
188 100		
94 9.4	8.5	12.7
80 10.1	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.456 ng

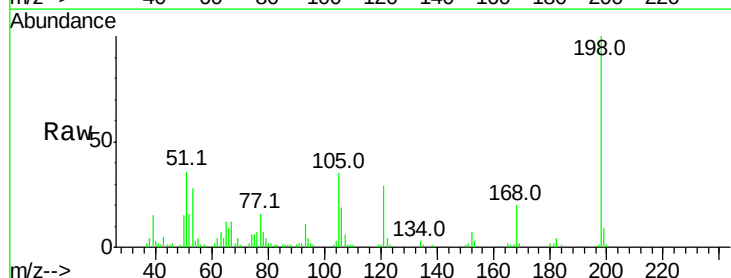
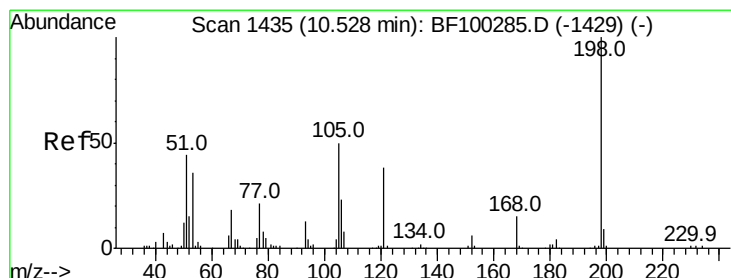
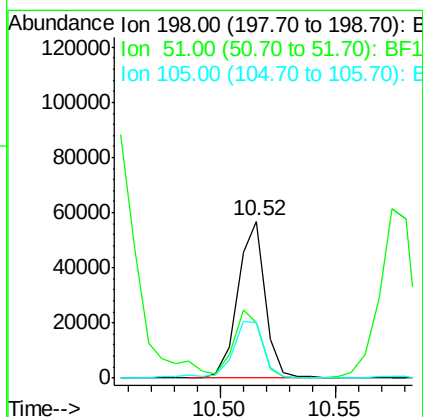
RT: 10.52 min Scan# 1433

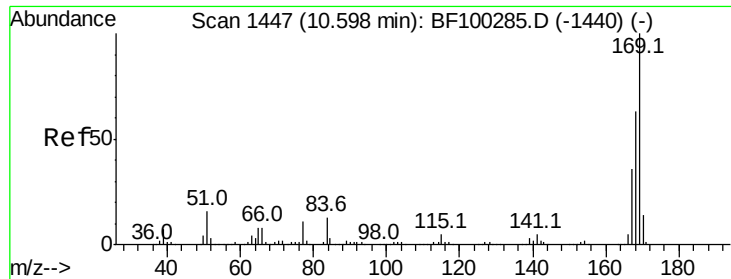
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:198	Resp:	46657
Ion Ratio	Lower	Upper
198 100		
51 35.5	37.7	77.7#
105 35.0	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 42.869 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

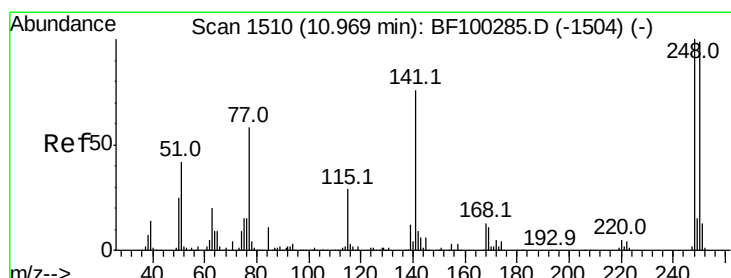
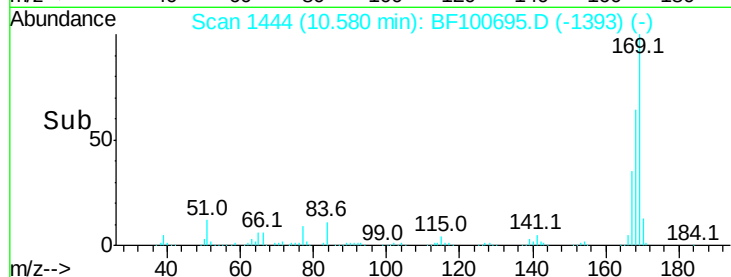
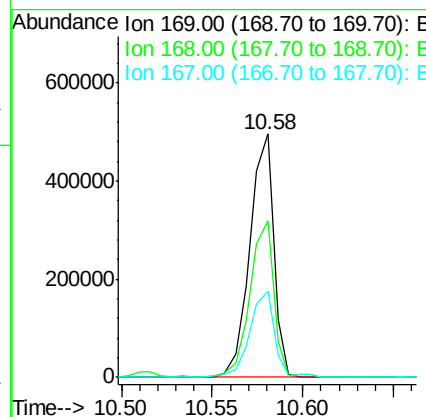
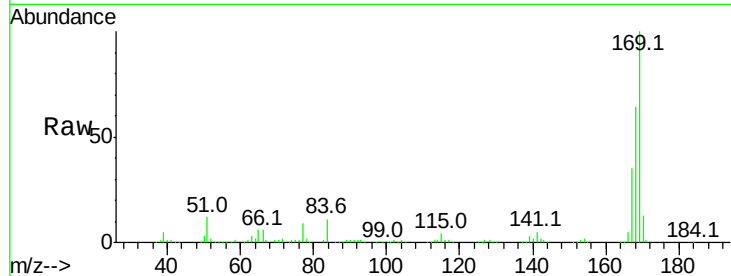
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:	169	Resp:	454663
Ion Ratio	Lower	Upper	
169	100		
168	64.4	54.4	81.6
167	35.4	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 45.734 ng

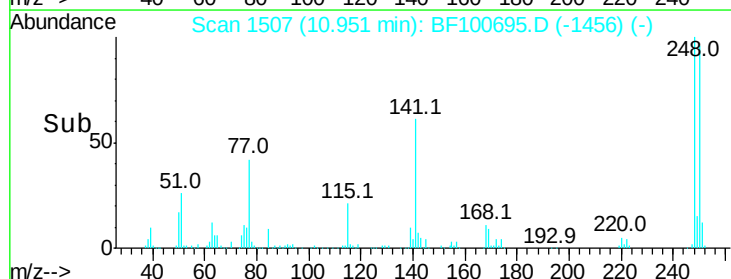
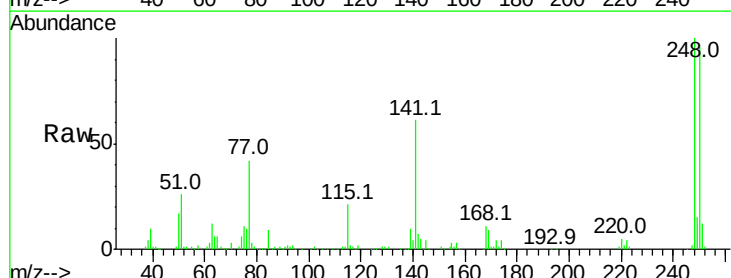
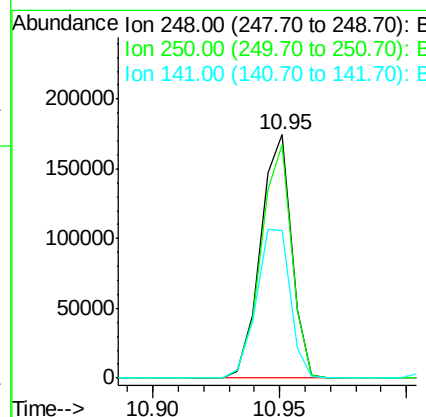
RT: 10.95 min Scan# 1507

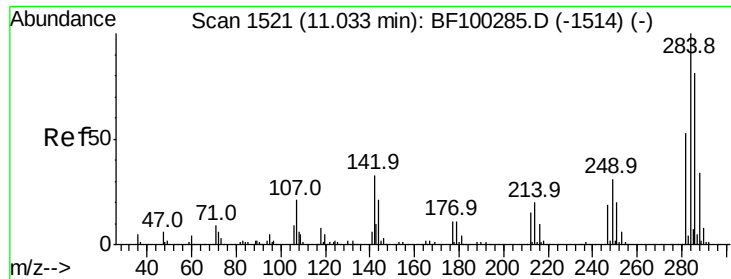
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	248	Resp:	149540
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.9	115.3
141	60.8	74.4	111.6#





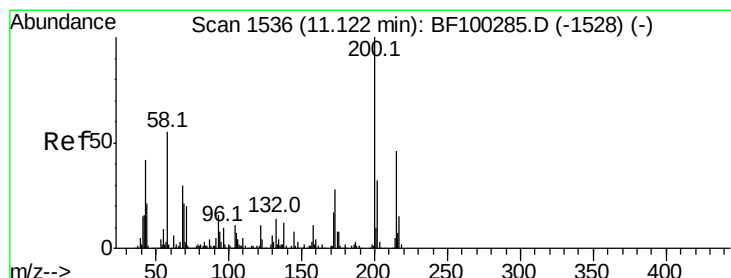
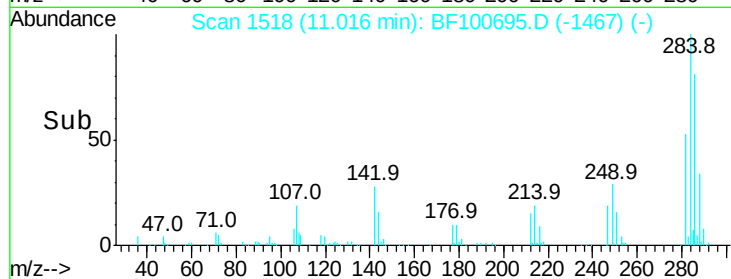
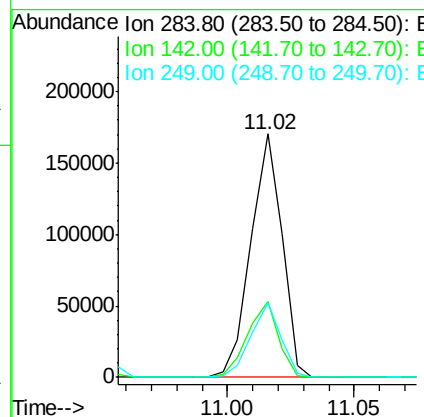
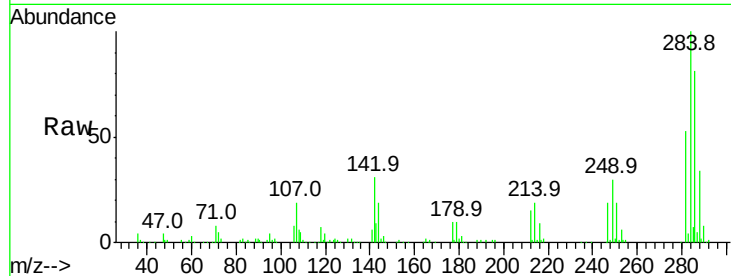
#67
Hexachlorobenzene
Concen: 42.695 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	146008		
142	31.2	34.6	52.0	
249	30.5	24.8	37.2	

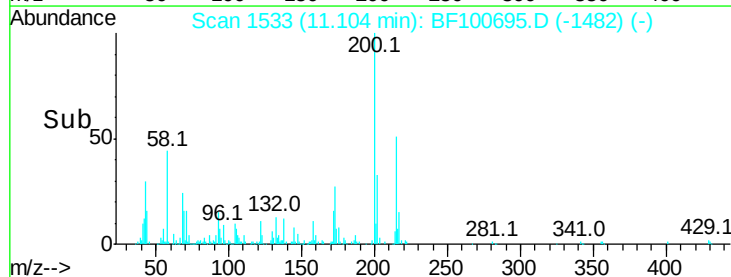
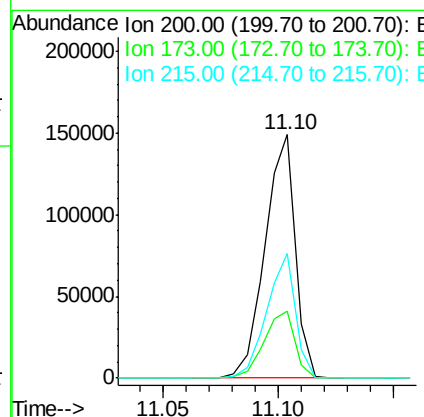
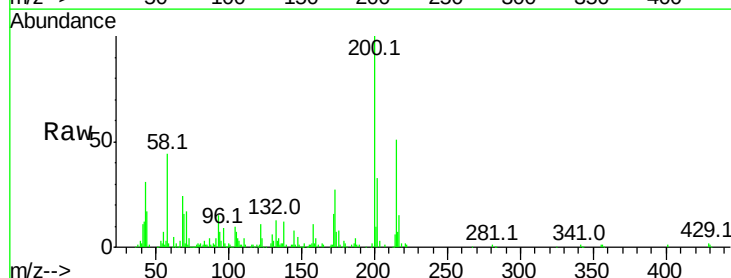
Manual Integrations
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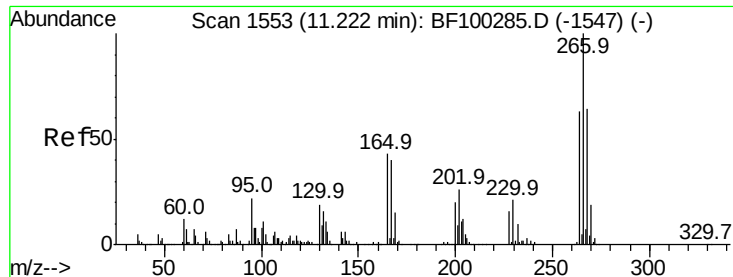
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#68
Atrazine
Concen: 42.356 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	135983		
173	27.3	8.6	48.6	
215	50.9	25.1	65.1	





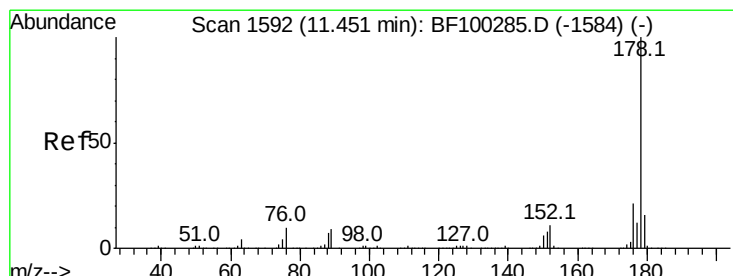
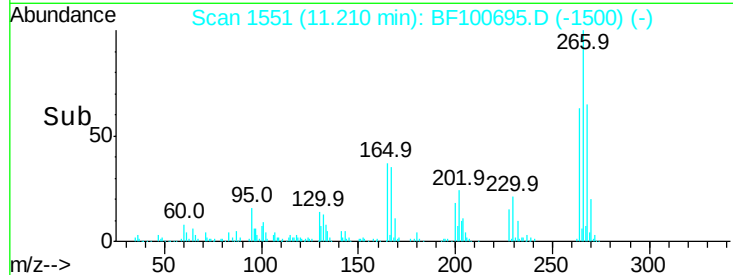
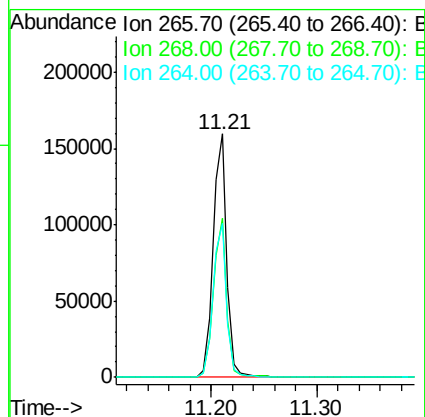
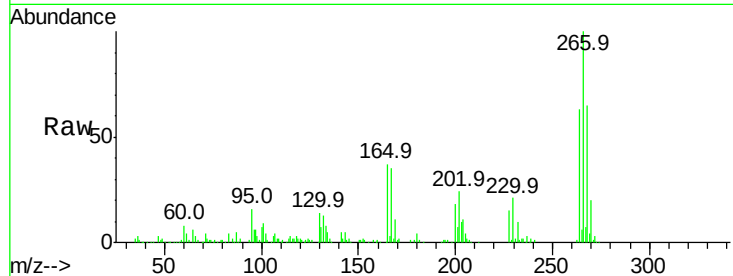
#69
 Pentachlorophenol
 Concen: 59.172 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	63.2	49.5	74.3

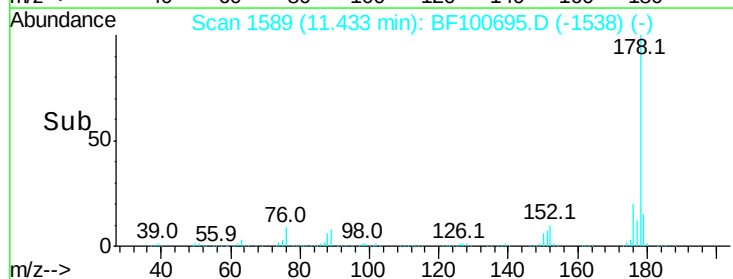
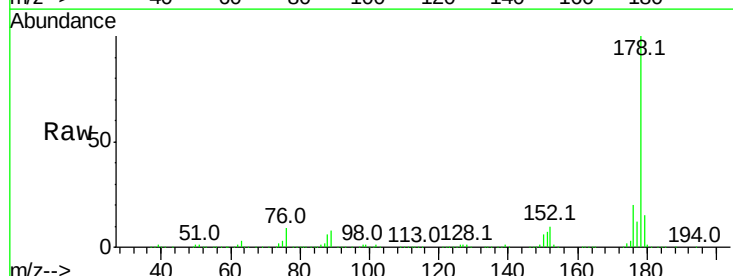
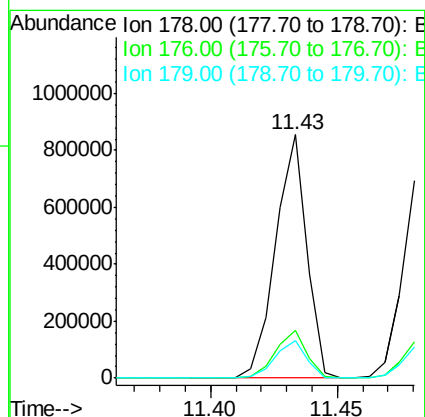
Manual Integrations
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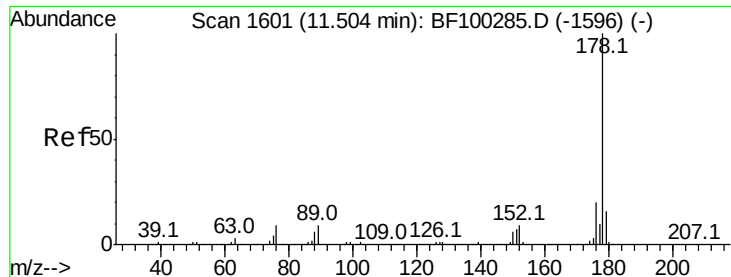
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#70
 Phenanthrene
 Concen: 46.074 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	13.0	19.6





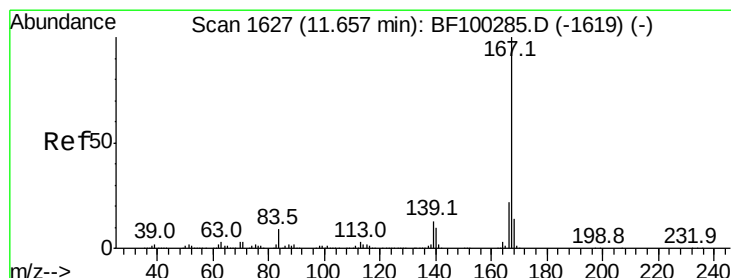
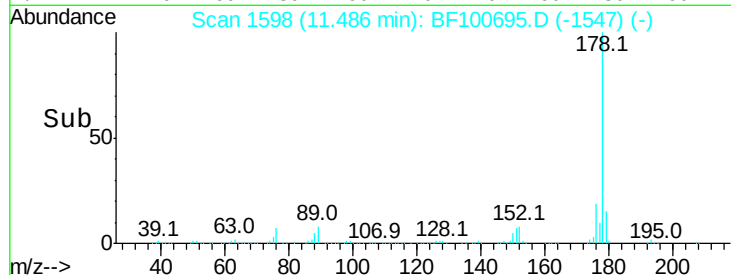
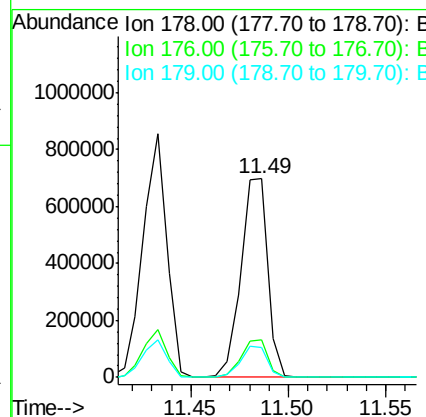
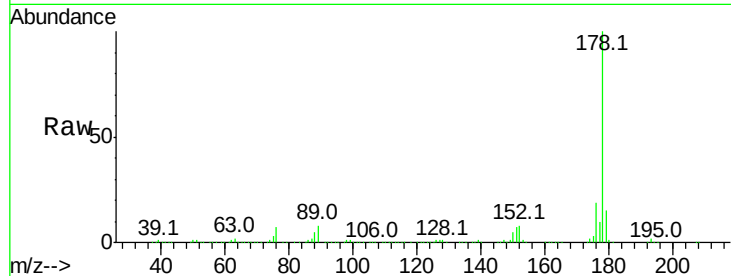
#71
 Anthracene
 Concen: 40.763 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	14.8	12.6	19.0

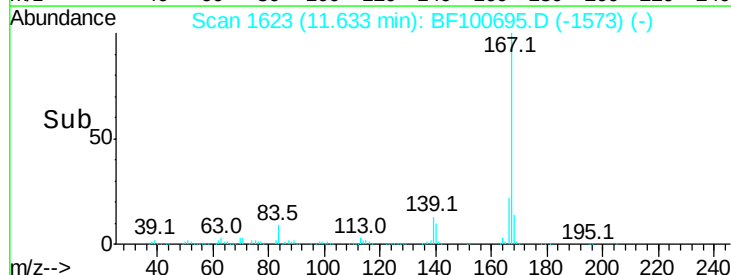
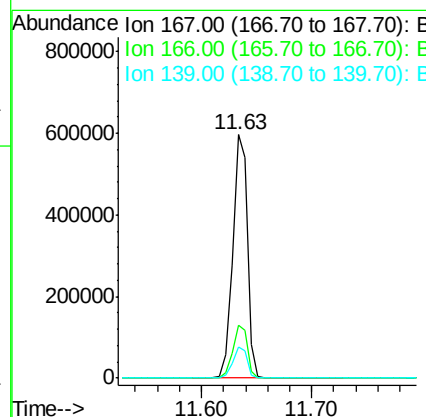
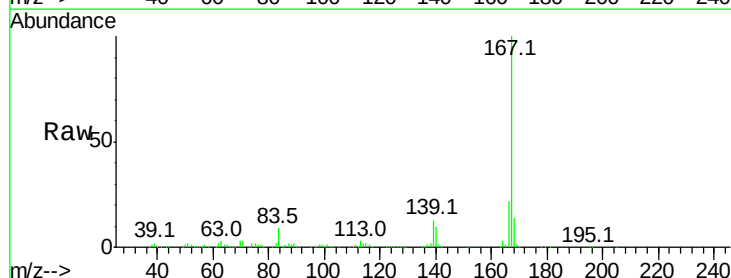
Manual Integrations
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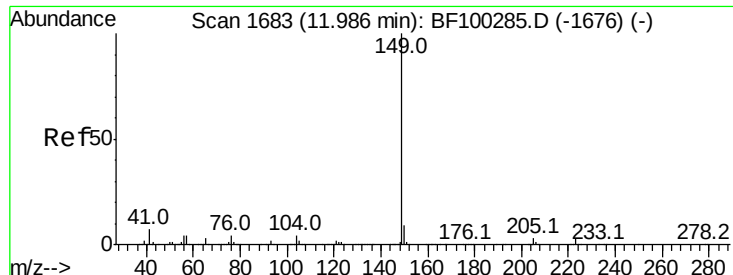
SOHIL
 11/20/2017 2:51:22 PM



#72
 Carbazole
 Concen: 36.979 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.028 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

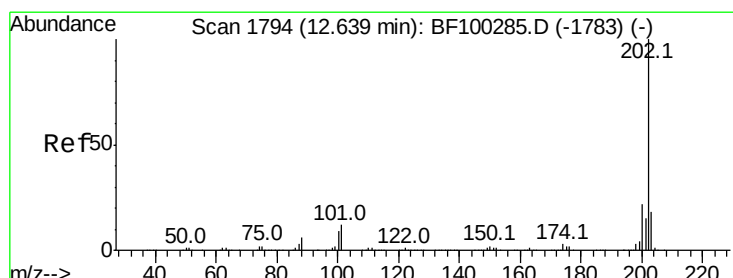
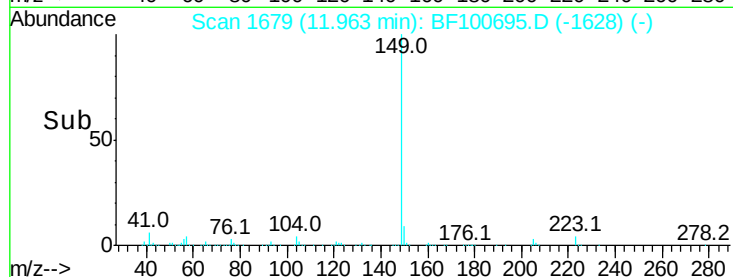
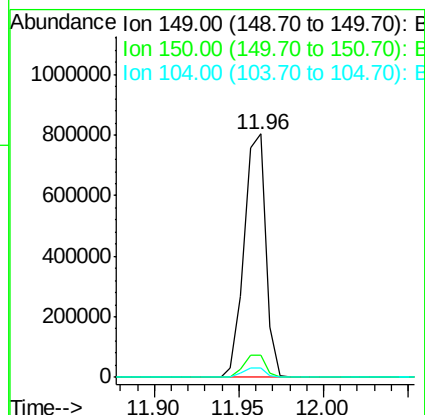
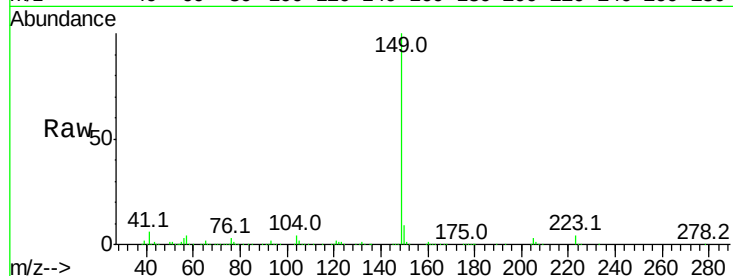
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:	149	Resp:	721832
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.1	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 39.095 ng

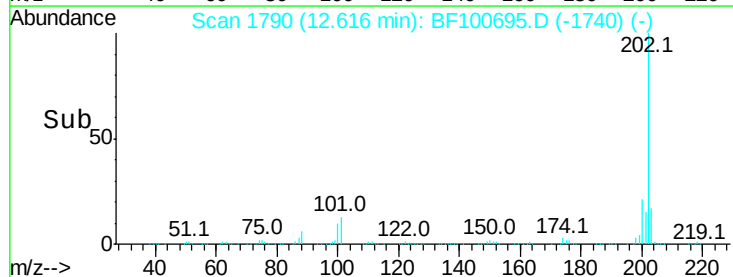
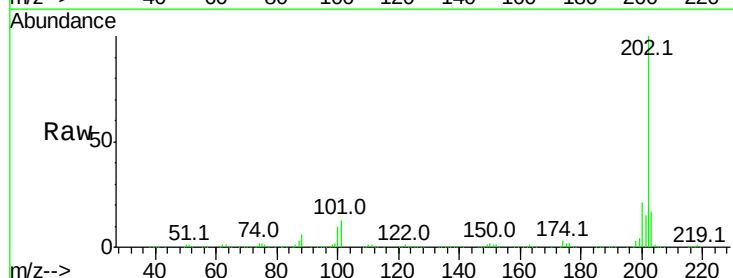
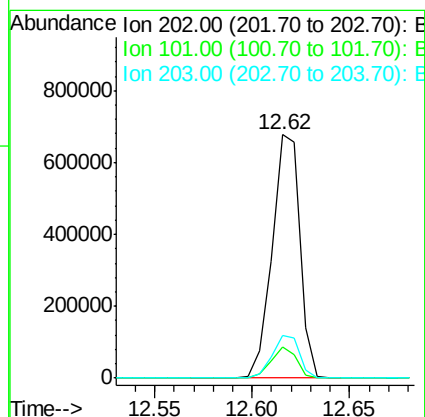
RT: 12.62 min Scan# 1790

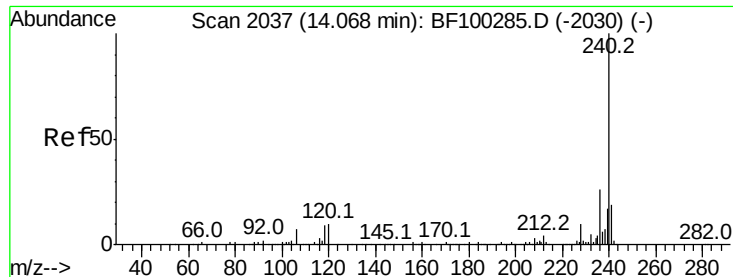
Delta R.T. -0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	202	Resp:	665421
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

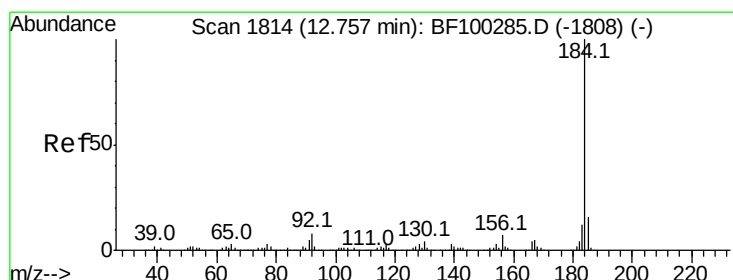
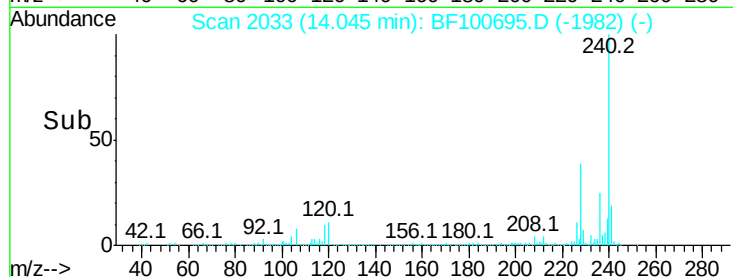
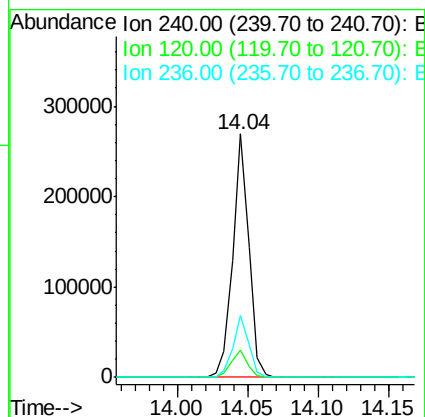
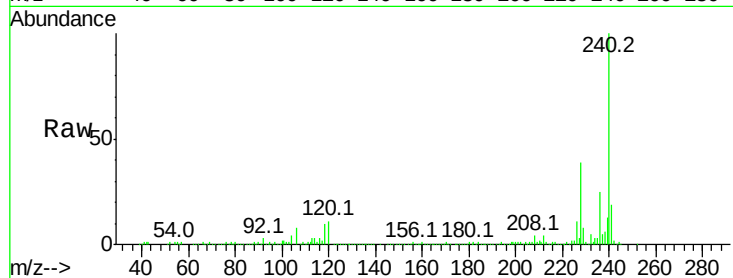
ClientSampleId :

LEW-1-E(7-8)MSD

Tot Ion:	240	Resp:	212991
Ion Ratio	Lower	Upper	
240	100		
120	11.2	9.5	14.3
236	25.3	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 24.912 ng

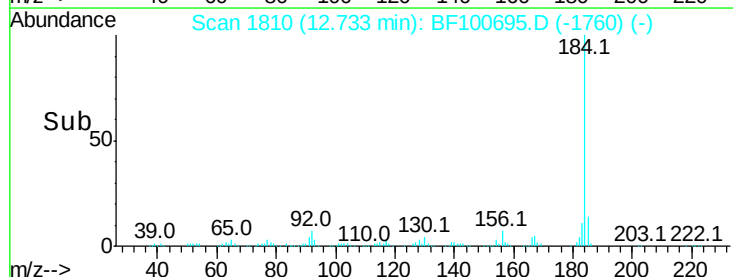
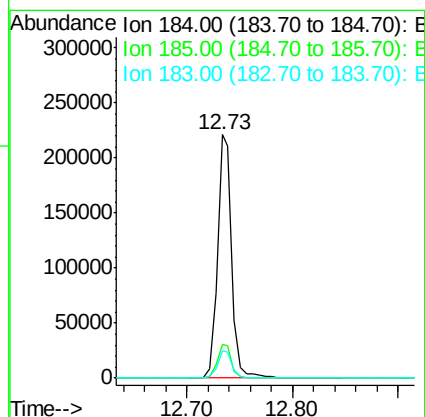
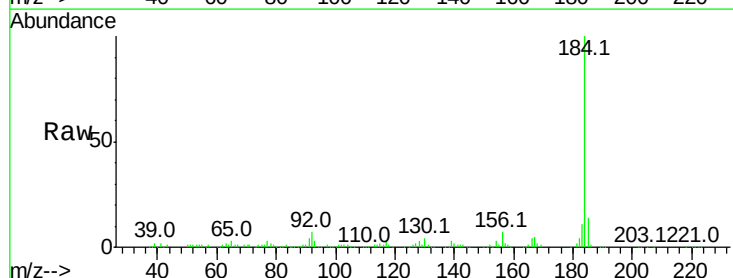
RT: 12.73 min Scan# 1810

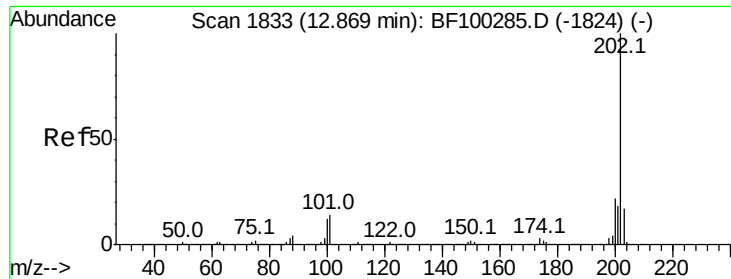
Delta R.T. -0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	184	Resp:	212497
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.6	18.8
183	11.3	9.3	13.9





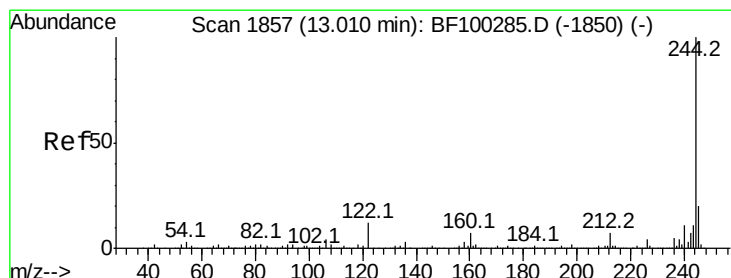
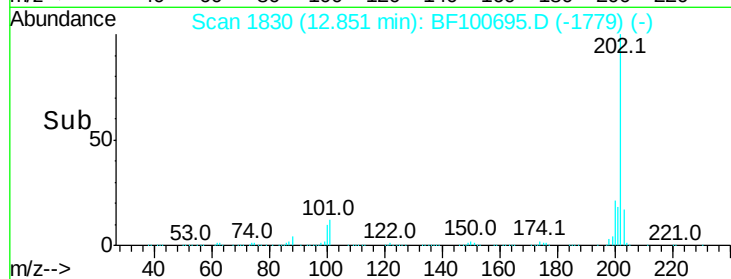
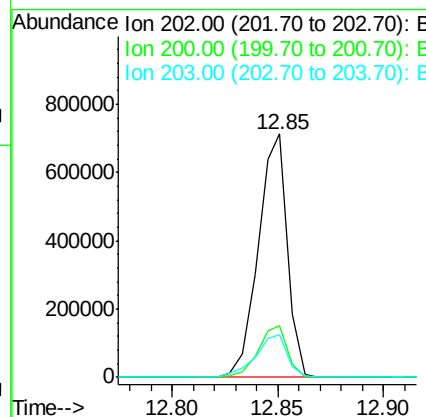
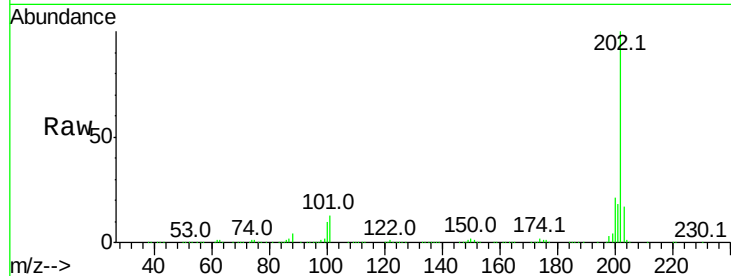
#77
Pvrene
Concen: 45.057 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.4	14.3	21.5

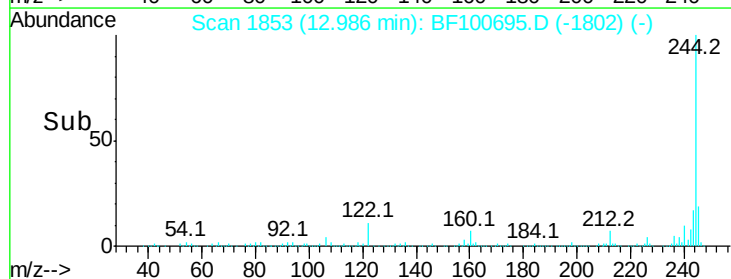
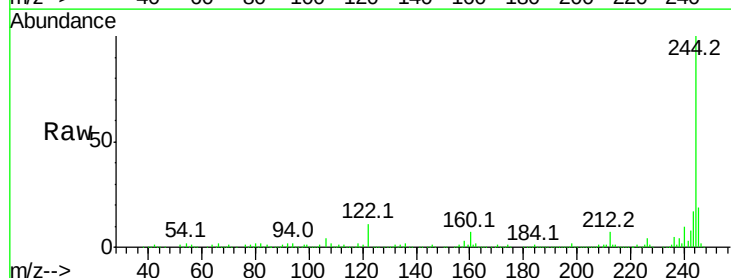
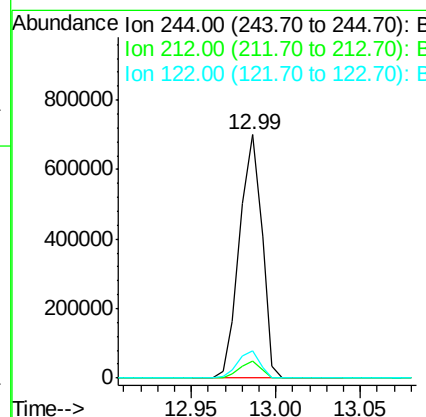
Manual Integrations
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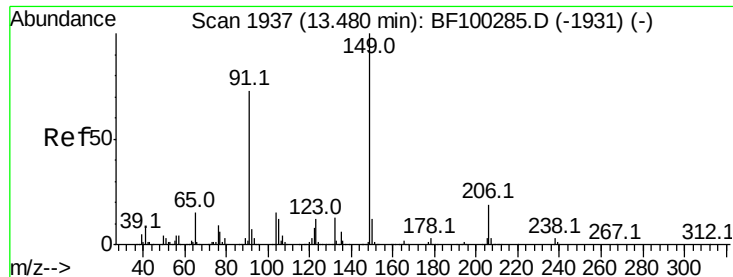
SOHIL
11/20/2017 2:51:22 PM



#78
Terphenyl-d14
Concen: 69.725 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.2	11.0	16.4





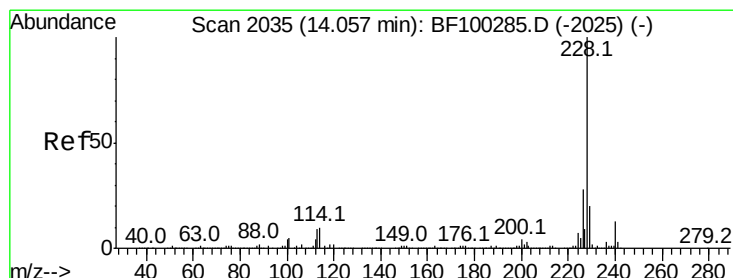
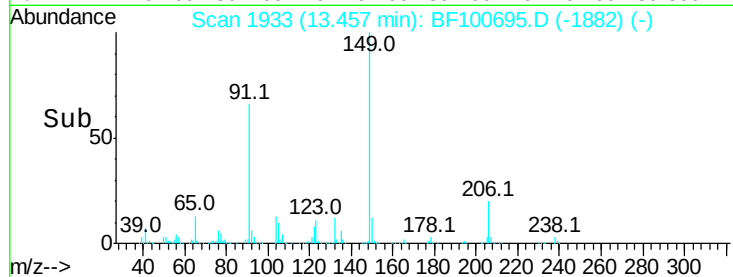
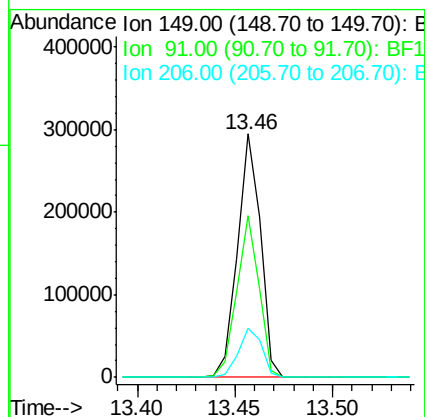
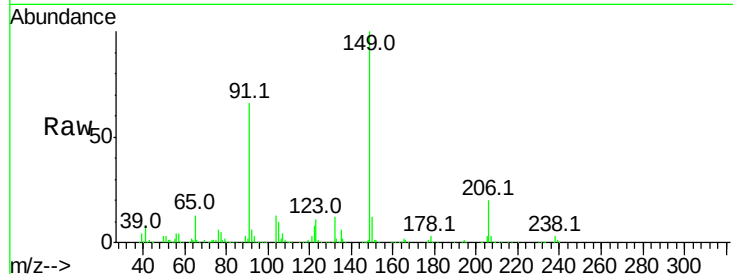
#79
Butylbenzylphthalate
Concen: 39.025 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	66.3	56.8	85.2
206	20.2	14.1	21.1

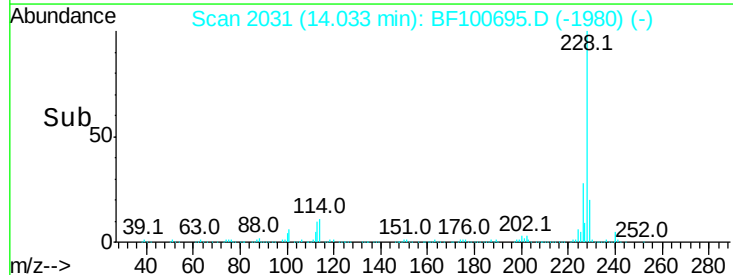
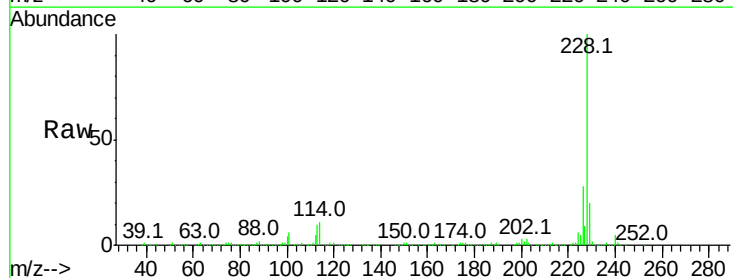
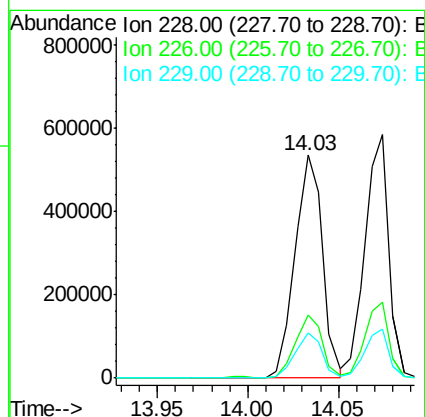
Manual Integrations
APPROVED

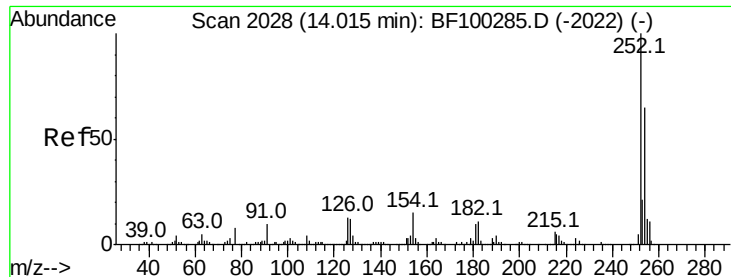
SOHIL
11/20/2017 2:51:22 PM



#80
Benzo(a)anthracene
Concen: 44.695 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.1	15.8	23.6





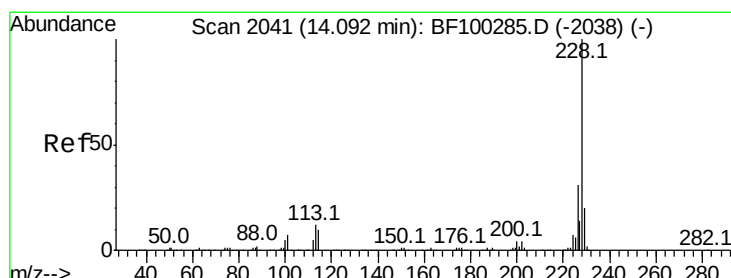
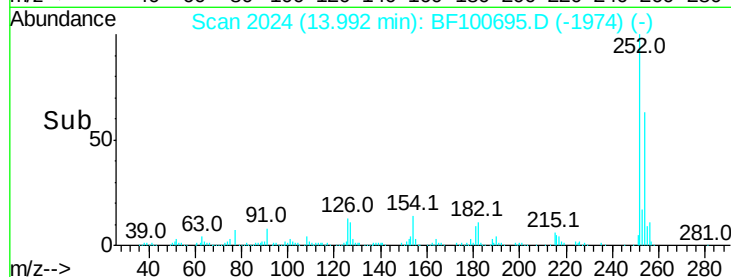
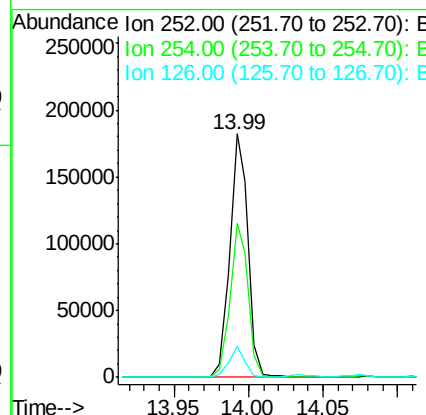
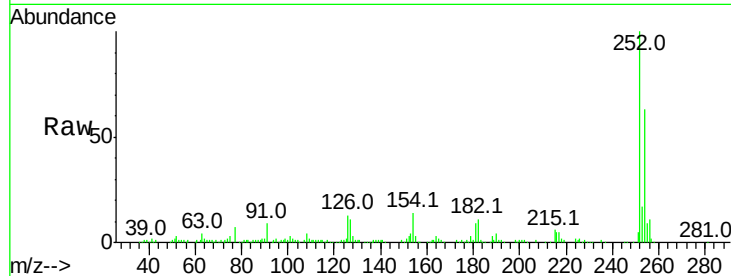
#81
 3,3'-Dichlorobenzidine
 Concen: 34.417 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	50.4	75.6
126	12.6	11.3	16.9

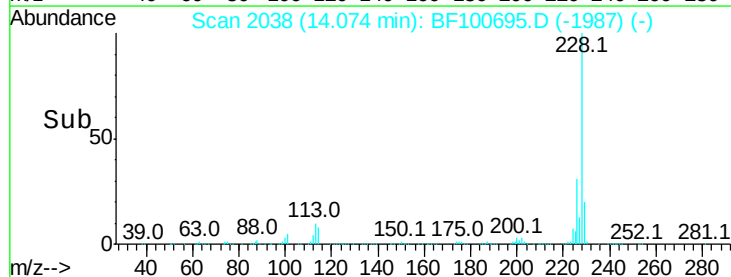
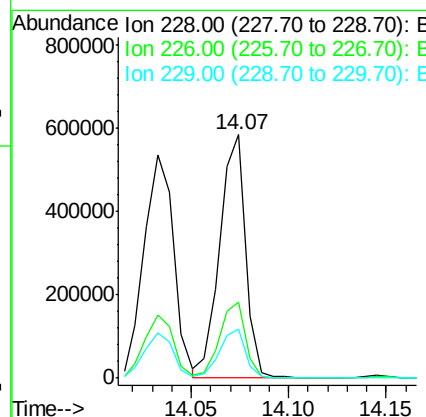
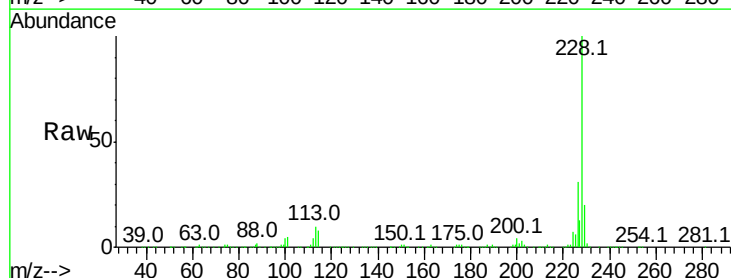
Manual Integrations
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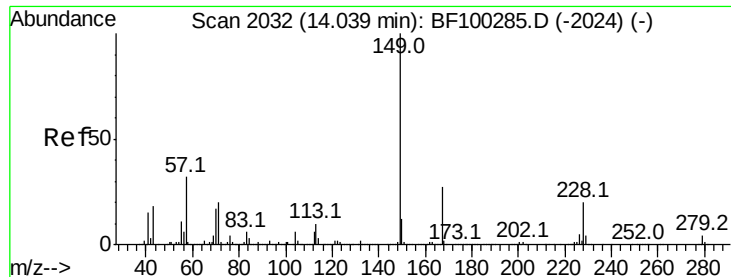
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#82
 Chrysene
 Concen: 43.155 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.2	16.2	24.4





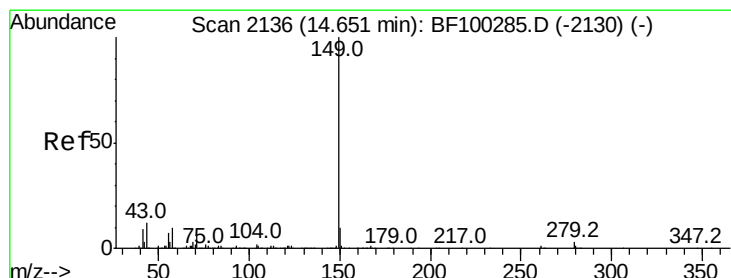
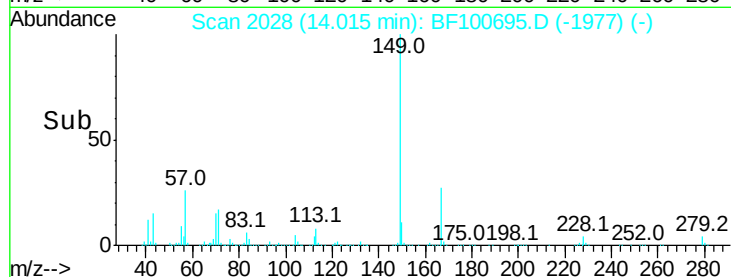
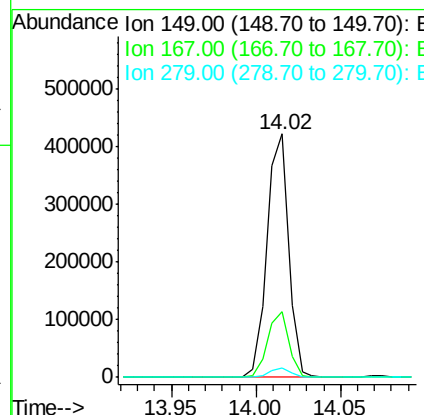
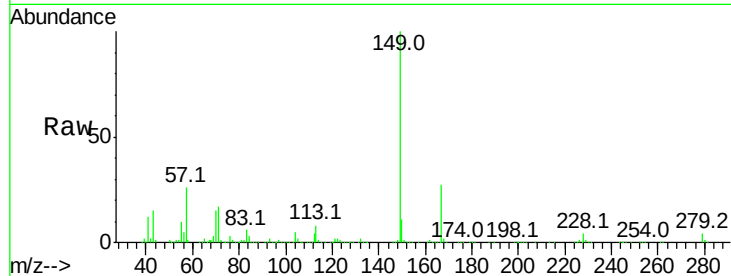
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.984 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	4.0	3.0	4.4

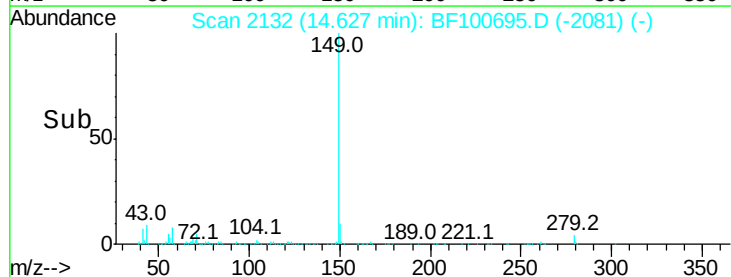
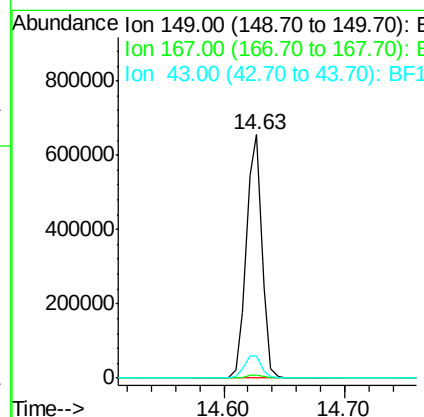
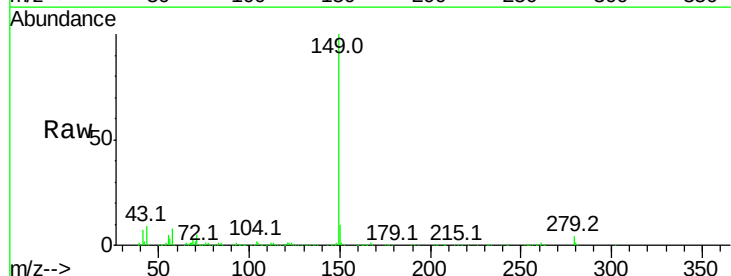
Manual Integrations
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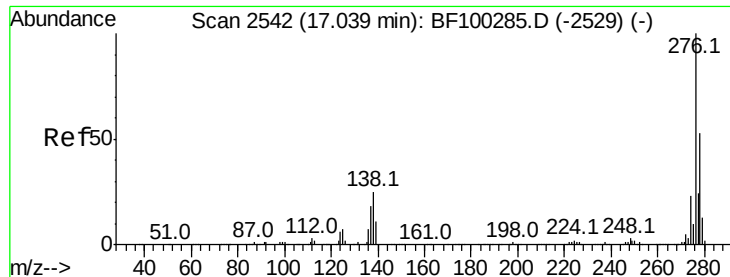
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#84
 Di-n-octyl phthalate
 Concen: 42.293 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.6	8.4	12.6





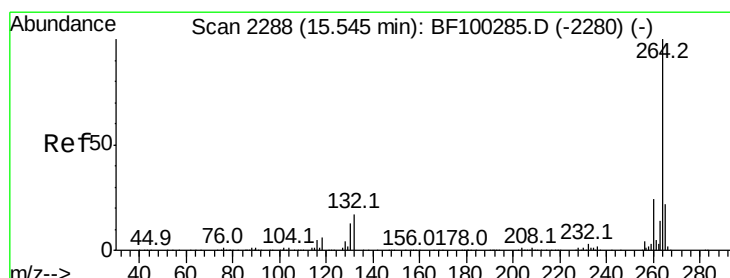
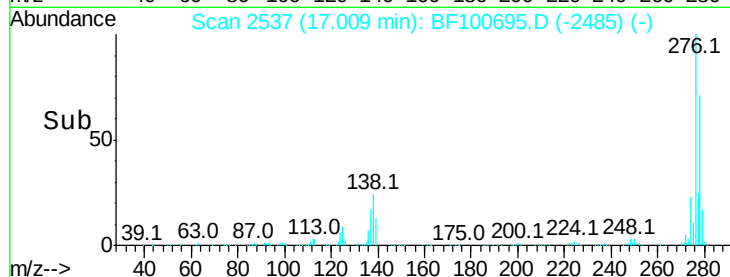
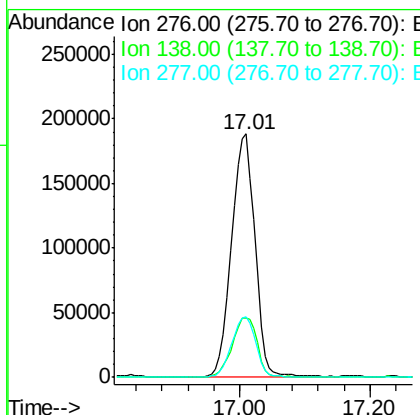
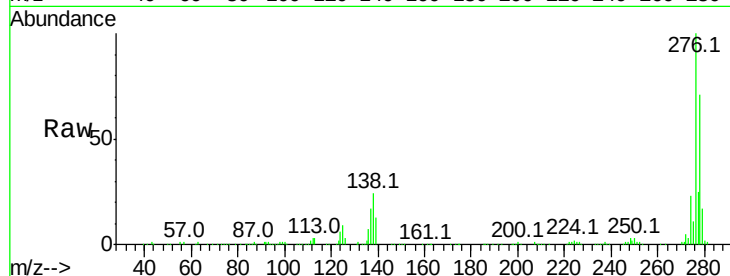
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.069 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	25.7	20.1	30.1

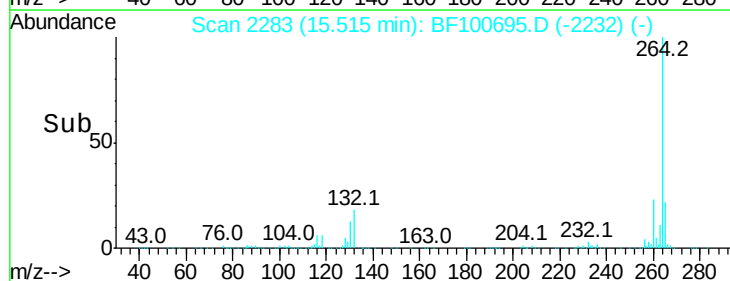
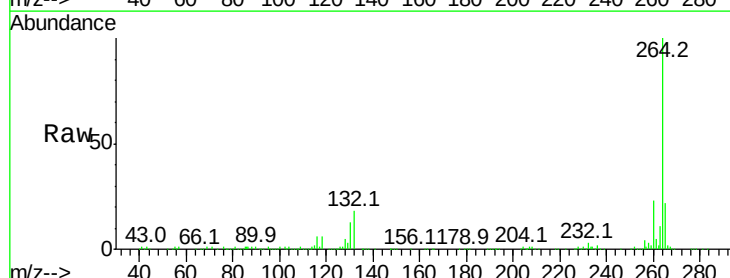
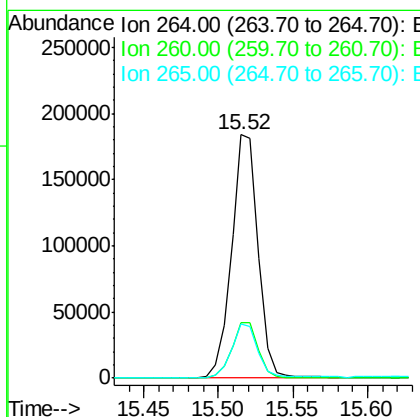
Manual Integrations
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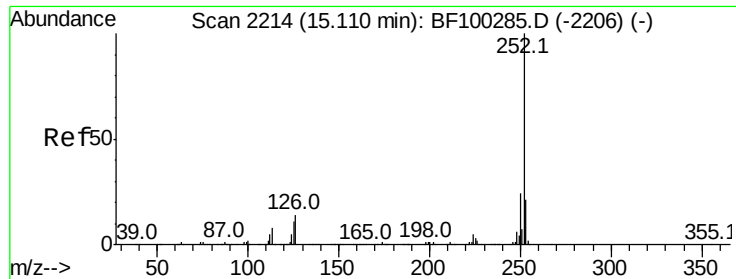
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.4	17.5	26.3





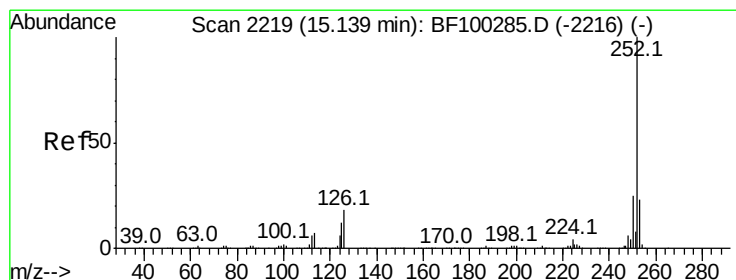
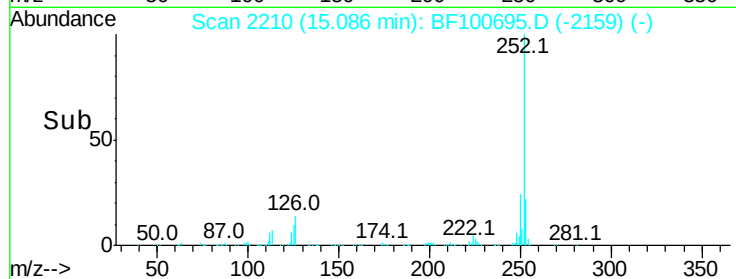
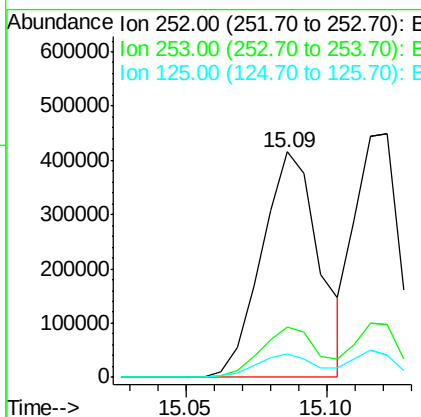
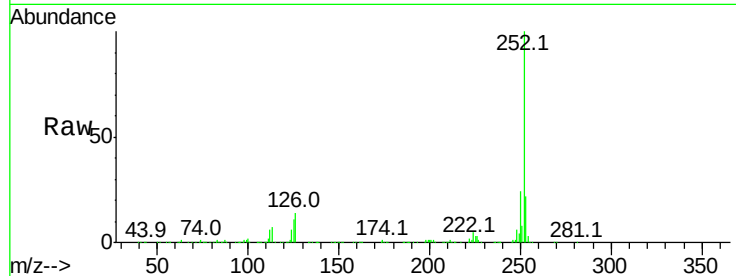
#87
Benzo(b)fluoranthene
Concen: 43.320 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.5	9.0	13.6

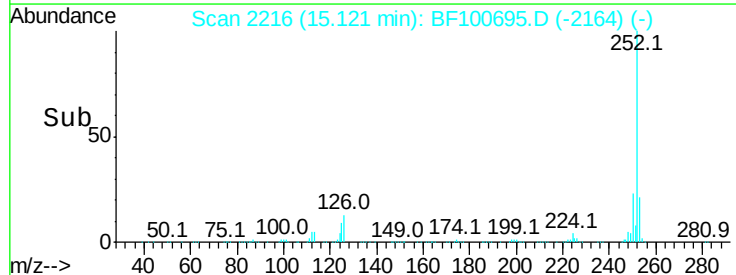
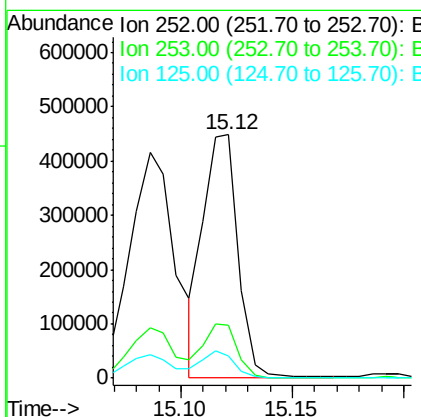
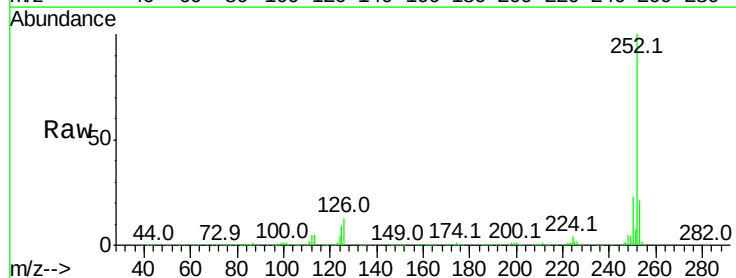
Manual Integrations
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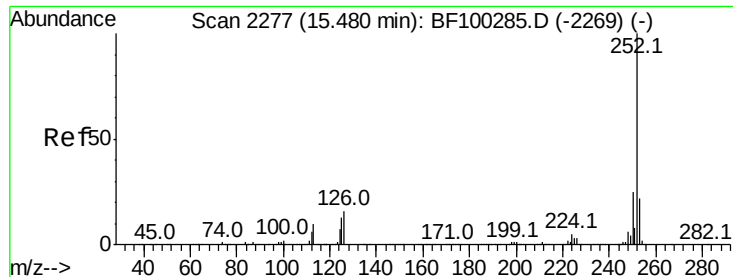
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#88
Benzo(k)fluoranthene
Concen: 38.164 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	8.9	10.2	15.2#





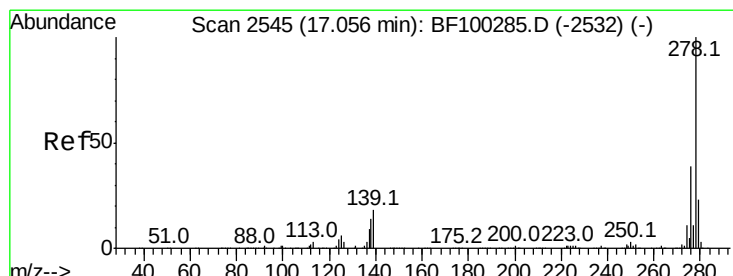
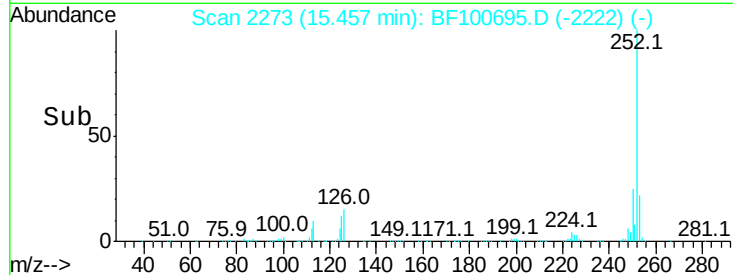
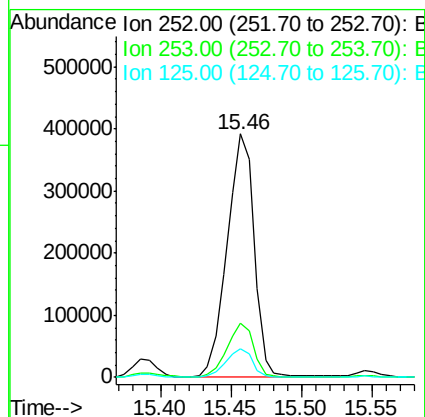
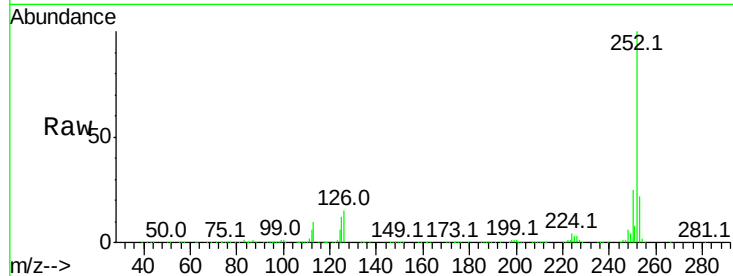
#89
Benzo(a)pyrene
Concen: 43.441 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.9	9.8	14.6

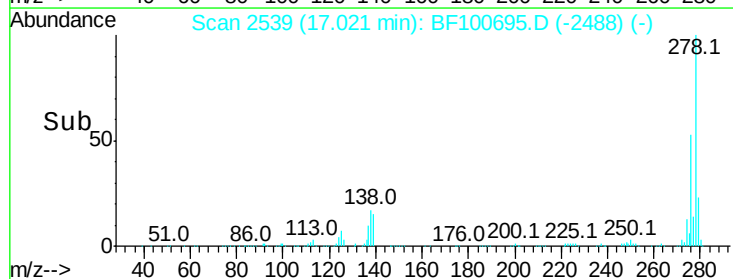
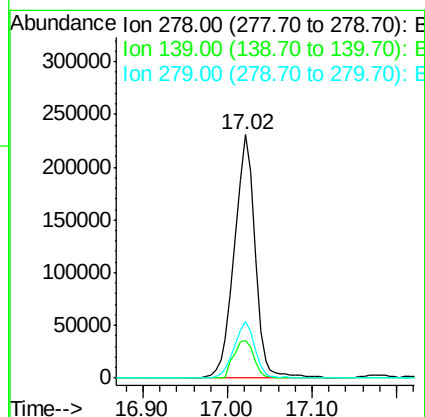
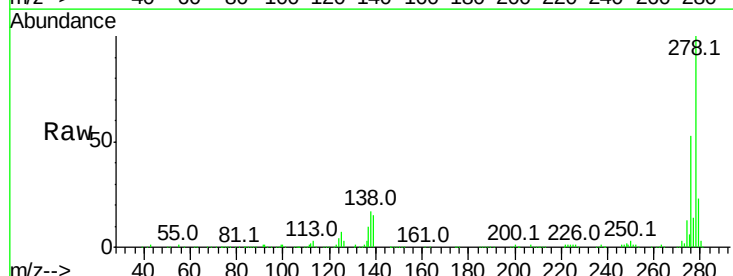
Manual Integrations
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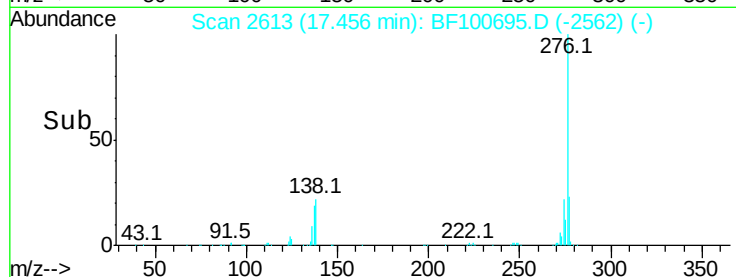
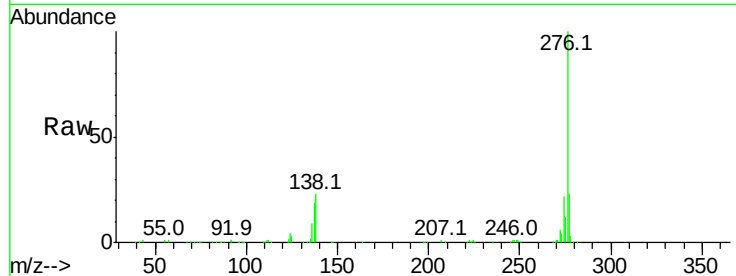
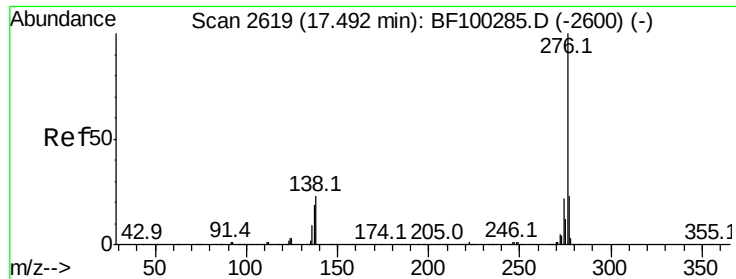
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#90
Dibenzo(a,h)anthracene
Concen: 39.096 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.9	23.9#
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.112 ng

RT: 17.46 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tot Ion:	276	Resp:	377514
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	22.6	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

Manual Integrations
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