

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100694.D
 Acq On : 18 Nov 2017 00:38
 Operator : SJ/JU
 Sample : I6419-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Quant Time: Nov 18 02:56:59 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	108531	20.00	ng	0.00	SOHIL
21) Naphthalene-d8	8.16	136	431992	20.00	ng	0.00	11/20/2017 2:51:19 PM
38) Acenaphthene-d10	9.92	164	197550	20.00	ng	0.00	
63) Phenanthrene-d10	11.40	188	345361	20.00	ng	0.00	
75) Chrysene-d12	14.04	240	227856	20.00	ng	0.00	
86) Perylene-d12	15.52	264	237807	20.00	ng	0.00	SOHIL
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	538095	79.48	ng	0.01	
7) Phenol-d6	6.51	99	662075	79.30	ng	0.00	
23) Nitrobenzene-d5	7.45	82	408776	62.56	ng	0.00	11/20/2017 2:51:19 PM
41) 2,4,6-Tribromophenol	10.71	330	175068	86.97	ng	0.00	
44) 2-Fluorobiphenyl	9.24	172	822885	63.43	ng	0.00	
78) Terphenyl-d14	12.99	244	582765	58.77	ng	0.00	
Target Compounds						Qvalue	
2) 1,4-Dioxane	2.73	88	75523	22.889	ng	96	
3) Pyridine	3.49	79	210640	23.400	ng	94	
4) n-Nitrosodimethylamine	3.45	42	104693	23.954	ng	98	
6) Aniline	6.55	93	209430	17.756	ng	99	
8) 2-Chlorophenol	6.67	128	223019	31.137	ng	96	
9) Benzaldehyde	6.43	77	92996	15.597	ng	95	
10) Phenol	6.52	94	291034	33.205	ng	99	
11) bis(2-Chloroethyl)ether	6.62	93	203186	27.600	ng	95	
12) 1,3-Dichlorobenzene	6.82	146	246348	29.832	ng	98	
13) 1,4-Dichlorobenzene	6.90	146	250938	30.024	ng	98	
14) 1,2-Dichlorobenzene	7.05	146	237549	30.740	ng	98	
15) Benzyl Alcohol	7.02	79	189273	29.047	ng	97	
16) 2,2'-oxybis(1-Chloropropan	7.16	45	358293	30.429	ng	98	
17) 2-Methylphenol	7.13	107	189584	30.973	ng	97	
18) Hexachloroethane	7.39	117	80803	29.322	ng	98	
19) n-Nitroso-di-n-propylamine	7.29	70	151096	26.096	ng	95	
20) 3+4-Methylphenols	7.28	107	230156	29.715	ng	92	
22) Acetophenone	7.29	105	299599	28.441	ng	98	#
24) Nitrobenzene	7.46	77	224419	33.370	ng	99	
25) Isophorone	7.70	82	412667	30.054	ng	98	
26) 2-Nitrophenol	7.78	139	122858	39.976	ng	91	
27) 2,4-Dimethylphenol	7.81	122	208355	33.850	ng	98	
28) bis(2-Chloroethoxy)methane	7.91	93	262602	29.238	ng	99	
29) 2,4-Dichlorophenol	8.02	162	199668	33.980	ng	96	
30) 1,2,4-Trichlorobenzene	8.10	180	205647	32.354	ng	97	
31) Naphthalene	8.19	128	648111	31.149	ng	99	
32) Benzoic acid	7.88	122	22462m	13.206	ng		
33) 4-Chloroaniline	8.23	127	133812	15.450	ng	96	
34) Hexachlorobutadiene	8.30	225	116728	30.887	ng	98	
35) Caprolactam	8.60	113	56994	28.263	ng	96	
36) 4-Chloro-3-methylphenol	8.71	107	196857	31.193	ng	98	
37) 2-Methylnaphthalene	8.87	142	444260	32.161	ng	99	
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	205077	31.301	ng	96	#
40) Hexachlorocyclopentadiene	9.03	237	121029	39.250	ng	99	

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 LEW-1-E(7-8)MS

Manual Integrations
 APPROVED

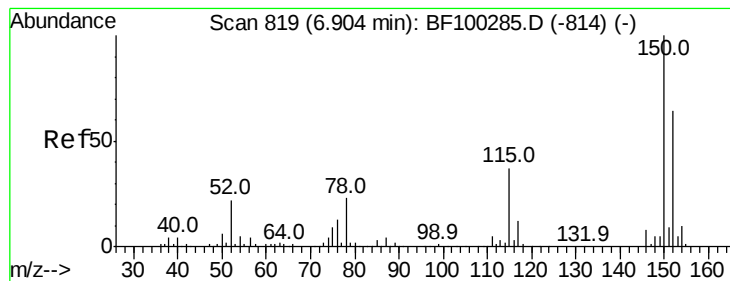
SOHIL

Quant Time: Nov 18 02:56:59 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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11/20/2017 2:51:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	145716	35.092	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	149311	34.706	nq	94
45) 1,1'-Biphenyl	9.34	154	527815	30.892	nq	98
46) 2-Chloronaphthalene	9.37	162	410764	33.139	nq	94
47) 2-Nitroaniline	9.46	65	122266	34.230	nq	94
48) Acenaphthylene	9.78	152	627245	30.535	nq	99
49) Dimethylphthalate	9.64	163	606515	40.211	nq	99
50) 2,6-Dinitrotoluene	9.70	165	106913	35.809	nq	87
51) Acenaphthene	9.96	154	400045	32.021	nq	100
52) 3-Nitroaniline	9.87	138	84101	23.855	nq	94
53) 2,4-Dinitrophenol	9.97	184	53969	51.169	nq #	16
54) Dibenzofuran	10.13	168	550150	31.419	nq	97
55) 4-Nitrophenol	10.03	139	159630	55.762	nq	93
56) 2,4-Dinitrotoluene	10.10	165	137644	36.544	nq #	91
57) Fluorene	10.47	166	416860	32.498	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	116461	33.030	nq #	85
59) Diethylphthalate	10.34	149	464554	30.777	nq	96
60) 4-Chlorophenyl-phenylether	10.46	204	205661	32.683	nq	92
61) 4-Nitroaniline	10.49	138	97877	29.278	nq	86
62) Azobenzene	10.62	77	409115	28.778	nq	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	46028	30.253	nq	88
65) n-Nitrosodiphenylamine	10.57	169	399562	33.273	nq	97
66) 4-Bromophenyl-phenylether	10.95	248	129759	35.049	nq #	83
67) Hexachlorobenzene	11.02	284	127986	33.054	nq #	87
68) Atrazine	11.10	200	119688	32.926	nq	96
69) Pentachlorophenol	11.21	266	132662	47.780	nq	98
70) Phenanthrene	11.43	178	616059	33.880	nq	98
71) Anthracene	11.48	178	593864	32.191	nq	99
72) Carbazole	11.63	167	495140	29.088	nq	98
73) Di-n-butylphthalate	11.96	149	652480	32.755	nq	98
74) Fluoranthene	12.62	202	554083	28.752	nq	97
76) Benzidine	12.74	184	188773	20.687	nq	96
77) Pyrene	12.84	202	567811	34.958	nq	99
79) Butylbenzylphthalate	13.46	149	214335	32.358	nq	93
80) Benzo(a)anthracene	14.03	228	460995	33.597	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	136493	27.764	nq	98
82) Chrysene	14.07	228	430826	32.424	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	331906	38.097	nq	99
84) Di-n-octyl phthalate	14.63	149	489356	32.697	nq	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	407988	37.961	nq	94
87) Benzo(b)fluoranthene	15.09	252	439583	31.201	nq	98
88) Benzo(k)fluoranthene	15.12	252	417777	31.384	nq	97
89) Benzo(a)pyrene	15.46	252	418594	33.514	nq	98
90) Dibenzo(a,h)anthracene	17.02	278	336661	32.959	nq	95
91) Benzo(g,h,i)perylene	17.45	276	320251	32.028	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: BF100694.D
Acq: 18 Nov 2017 00:38

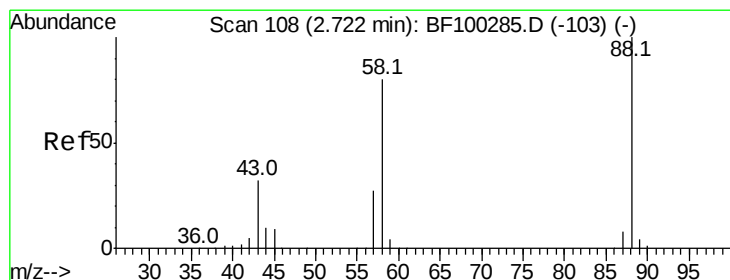
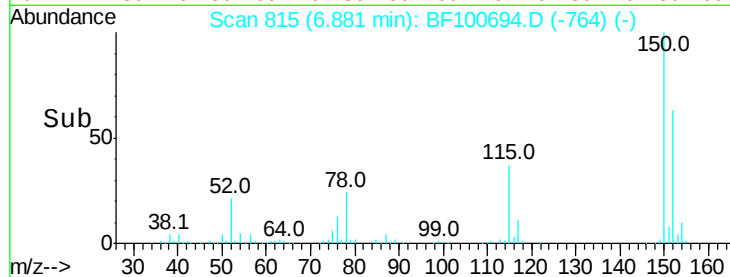
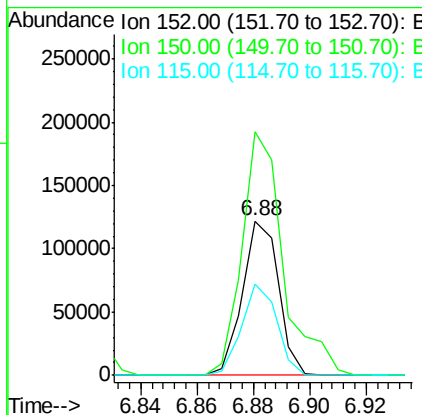
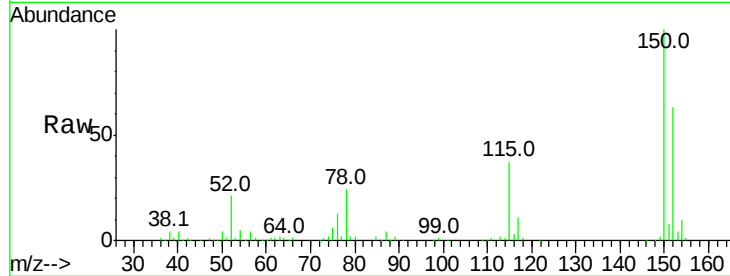
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	58.8	50.1	75.1

Manual Integrations
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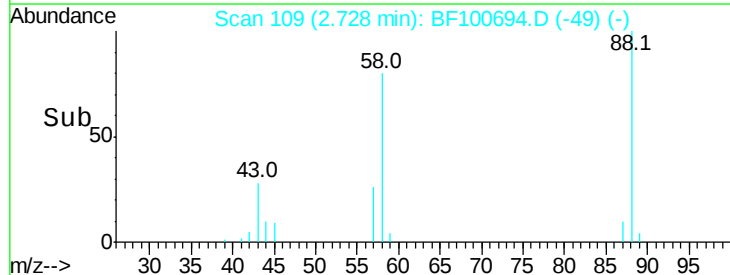
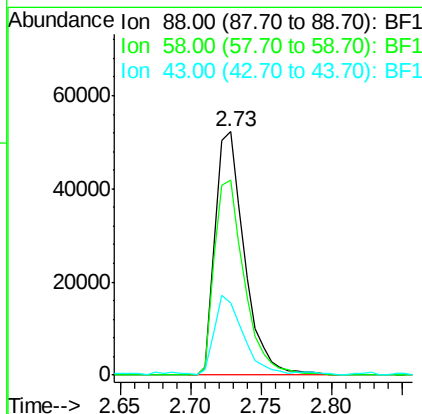
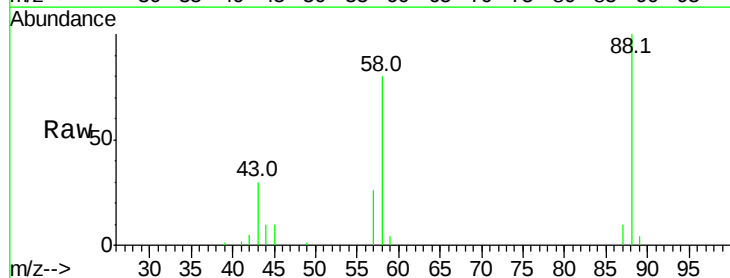
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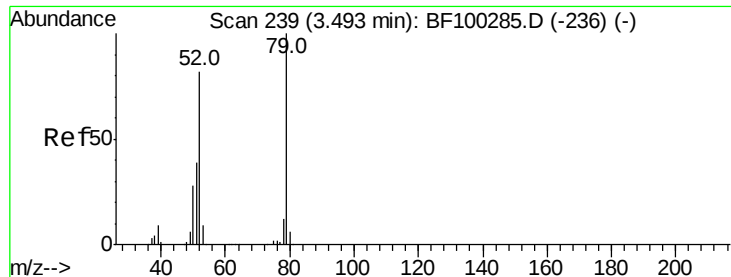


#2

1,4-Dioxane
Concen: 22.889 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.05 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.6	93.8
43	32.9	24.6	37.0





#3
 Pvrirdine
 Concen: 23.400 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.05 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

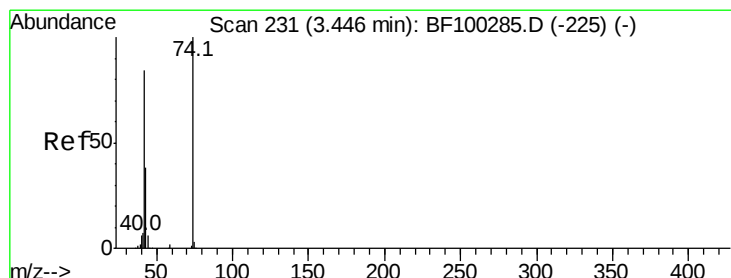
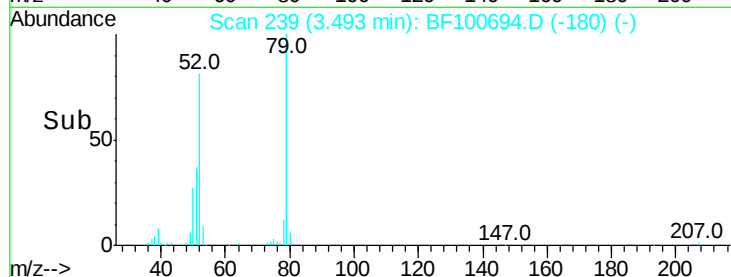
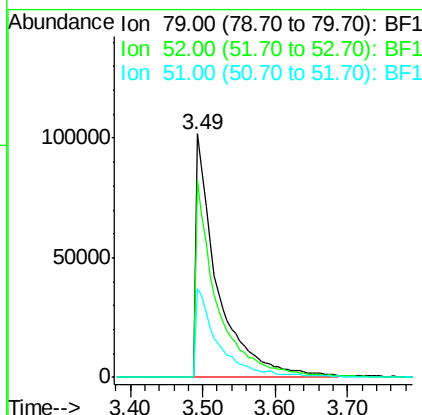
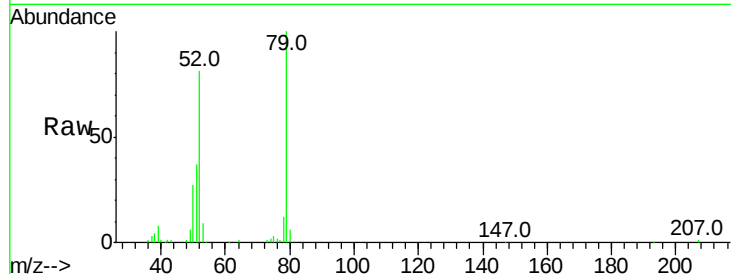
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.3	59.8	89.6
51	36.7	29.8	44.8

Manual Integrations
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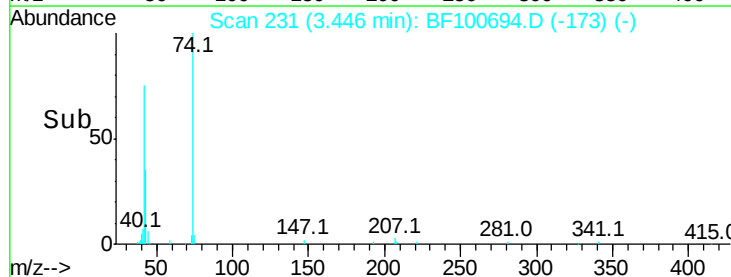
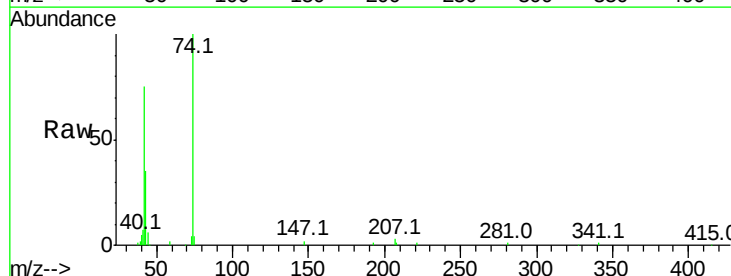
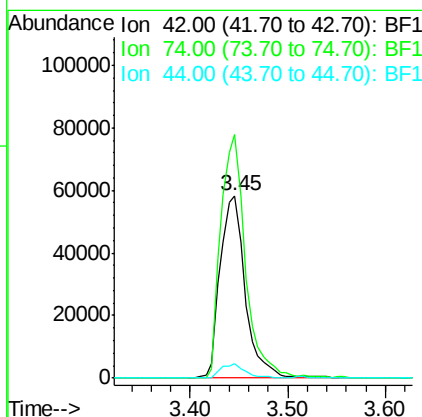
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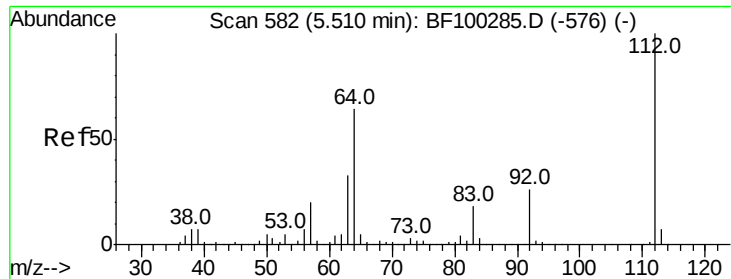
11/20/2017 2:51:19 PM



#4
 n-Nitrosodimethylamine
 Concen: 23.954 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.04 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.4	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 79.476 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

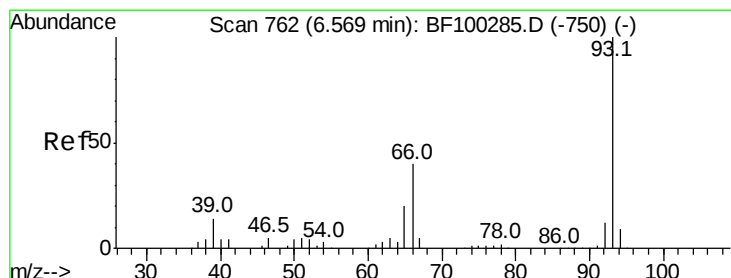
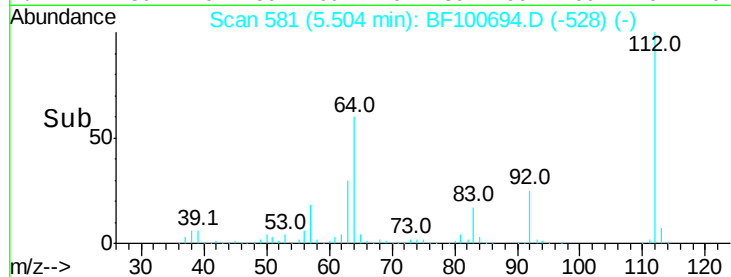
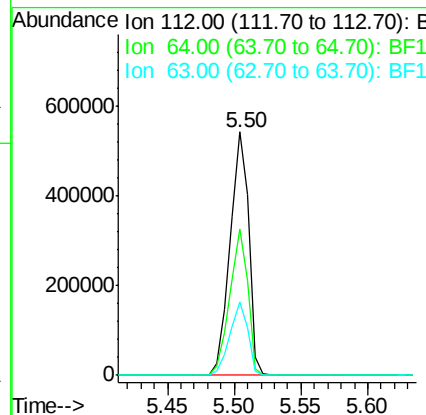
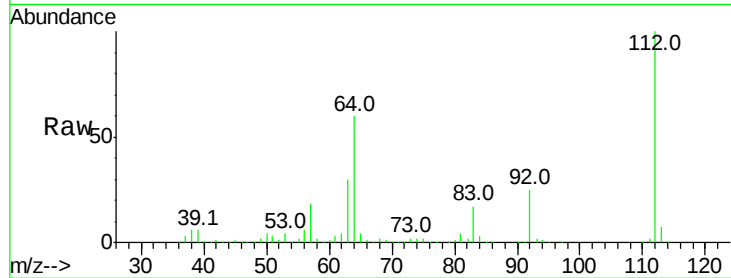
LEW-1-E(7-8)MS

Tot Ion:	112	Resp:	538095
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.9	71.9
63	30.2	23.7	35.5

Manual Integrations
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11/20/2017 2:51:19 PM



#6

Aniline

Concen: 17.756 ng

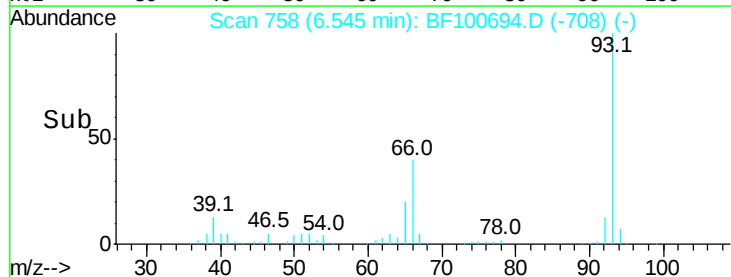
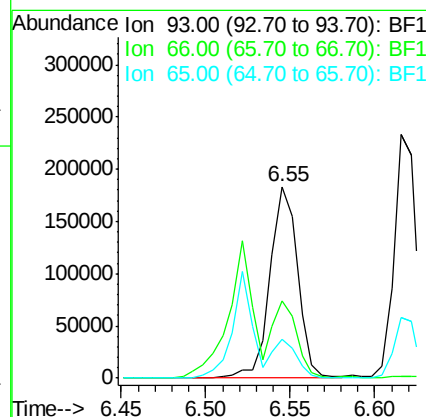
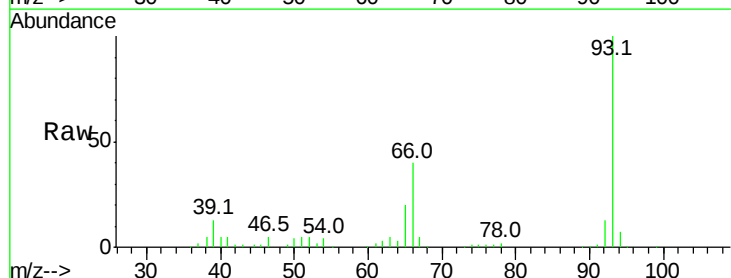
RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion:	93	Resp:	209430
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.2	48.2
65	20.0	16.4	24.6





#7

Phenol-d6

Concen: 79.300 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

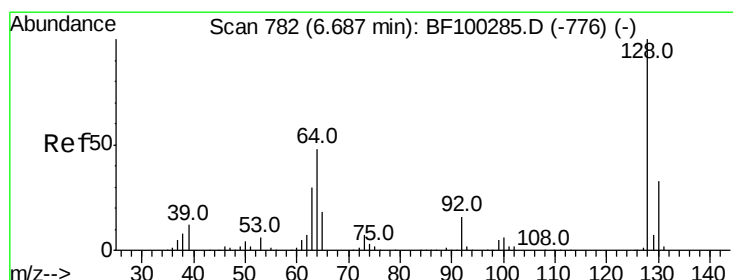
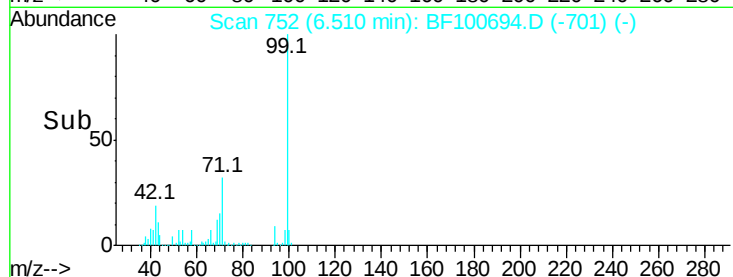
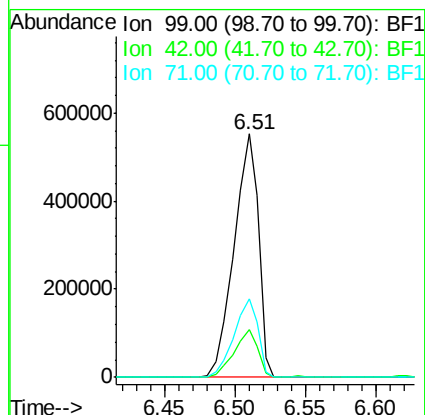
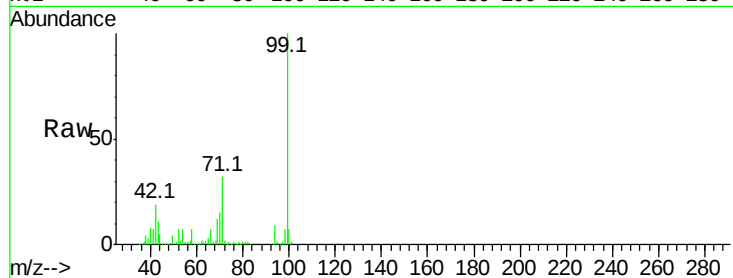
LEW-1-E(7-8)MS

Tot Ion	99	Resp	662075
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.5	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 31.137 ng

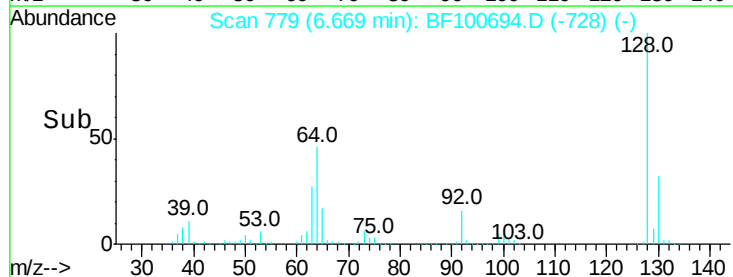
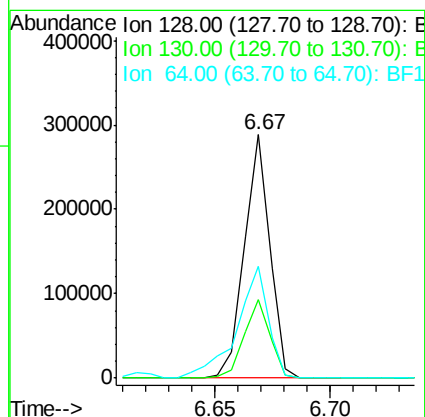
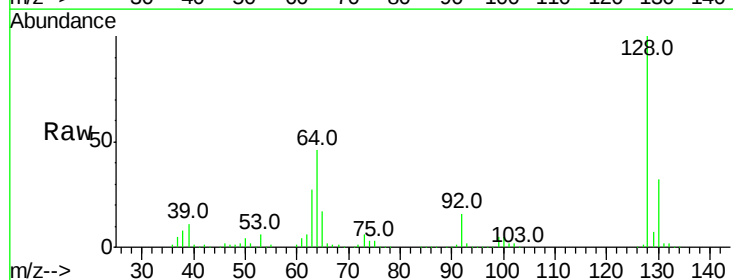
RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion	128	Resp	223019
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	45.9	29.4	69.4





#9
Benzaldehyde
Concen: 15.597 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

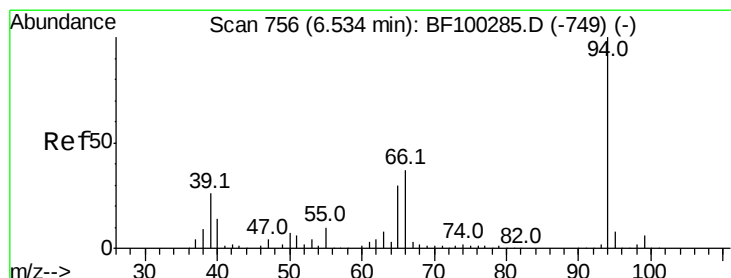
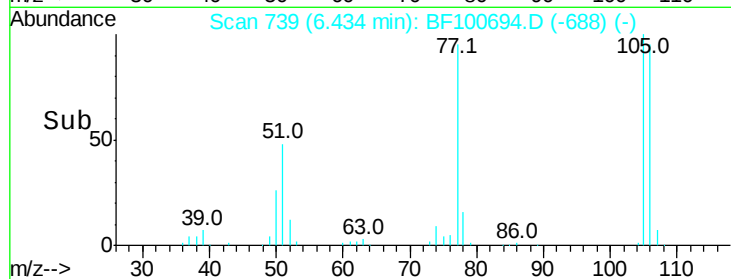
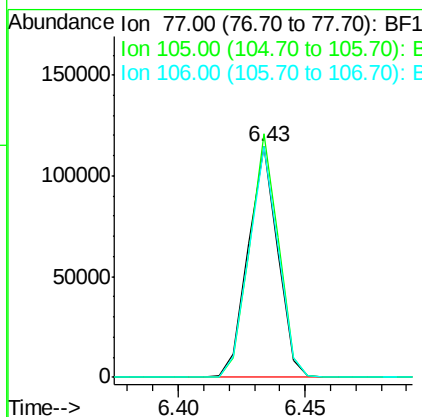
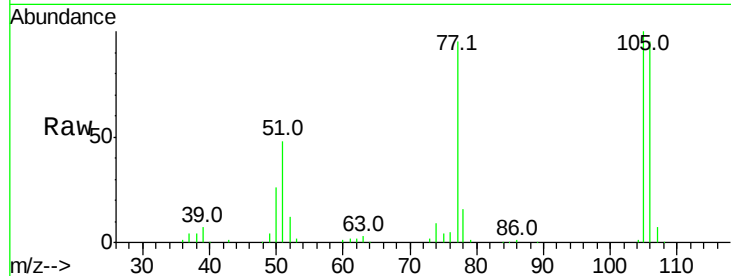
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	105.7	81.1	121.1	
106	100.2	74.5	114.5	

Manual Integrations
APPROVED

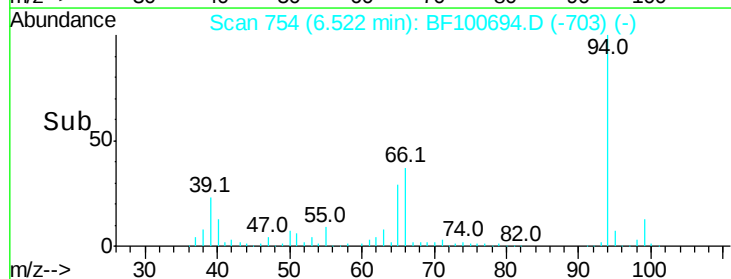
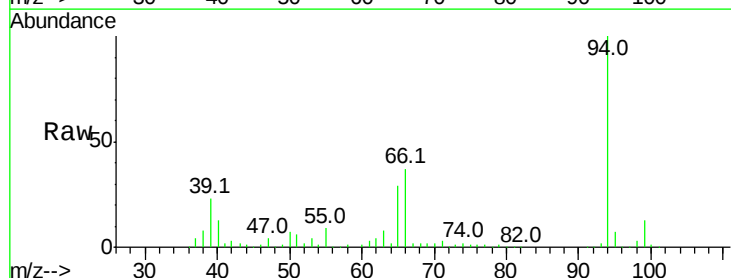
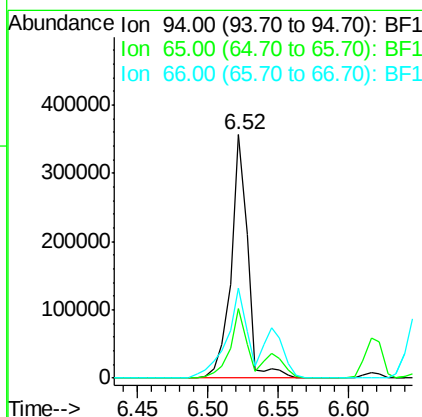
SOHIL

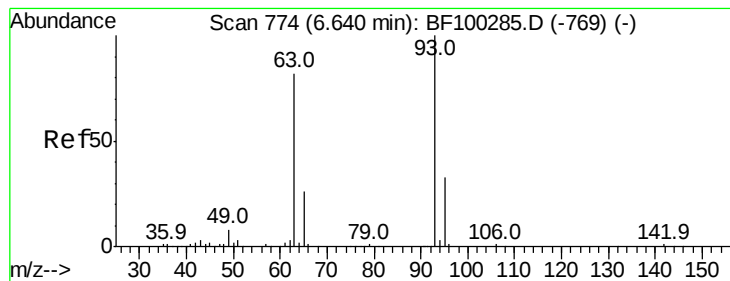
11/20/2017 2:51:19 PM



#10
Phenol
Concen: 33.205 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	28.5	7.9	47.9	
66	36.9	16.2	56.2	





#11
bis(2-Chloroethyl)ether
Concen: 27.600 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

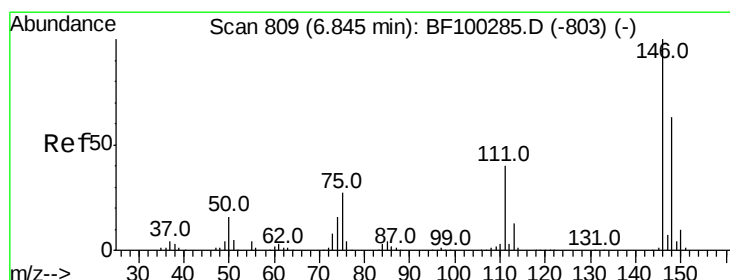
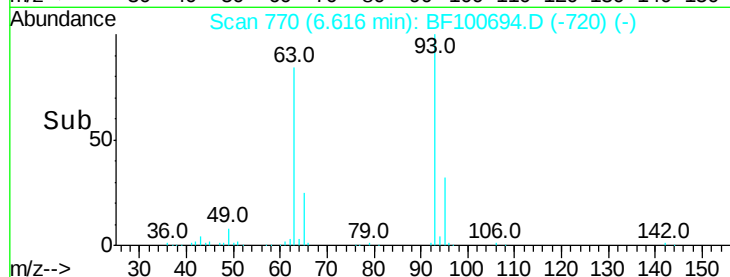
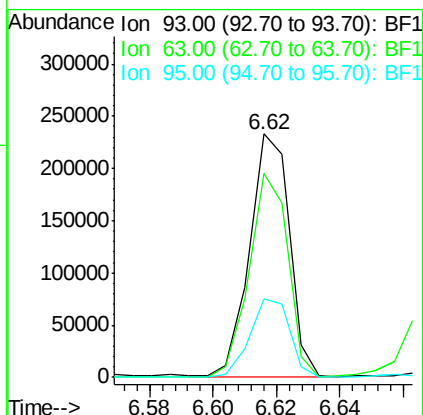
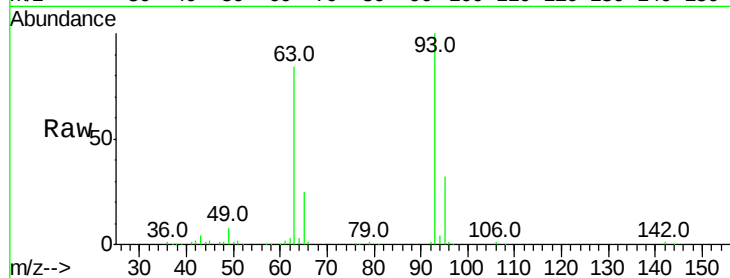
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	58.6	98.6
95	32.4	11.8	51.8

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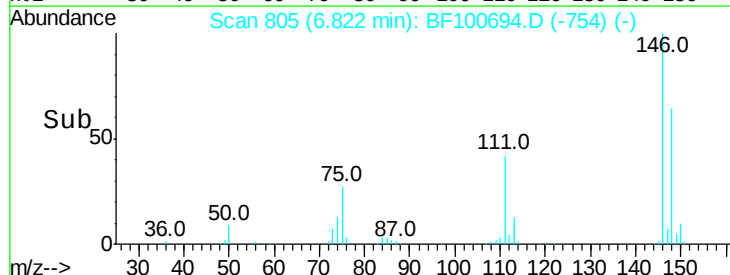
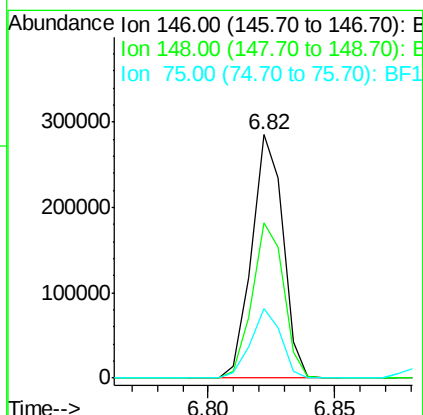
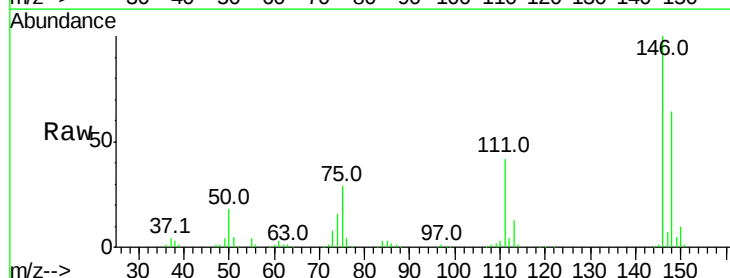
SOHIL

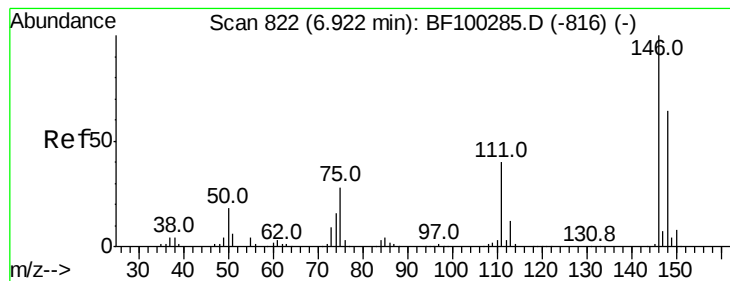
11/20/2017 2:51:19 PM



#12
1,3-Dichlorobenzene
Concen: 29.832 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	28.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 30.024 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

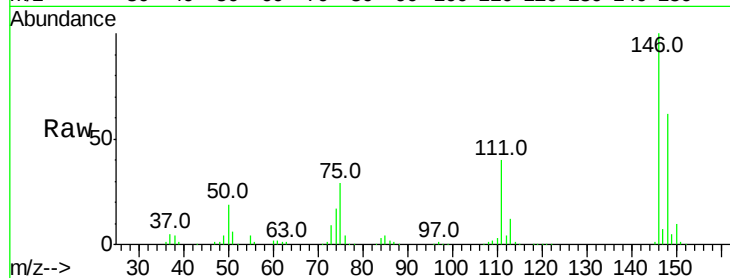
LEW-1-E(7-8)MS

Tot Ion:	146	Resp:	250938
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.8	76.2
111	40.4	34.2	51.2

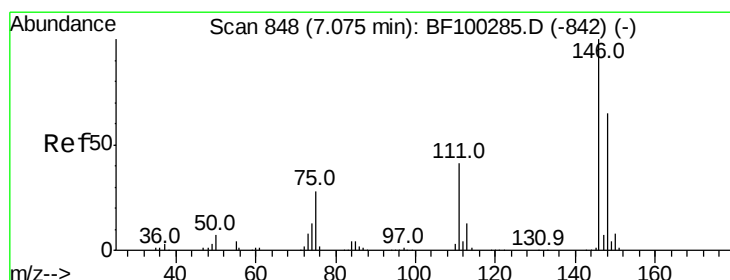
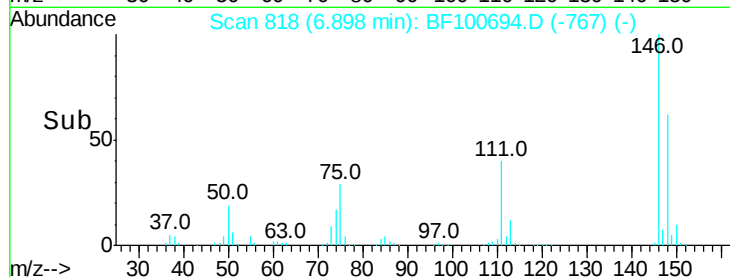
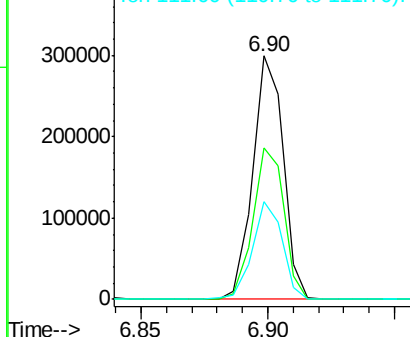
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.740 ng

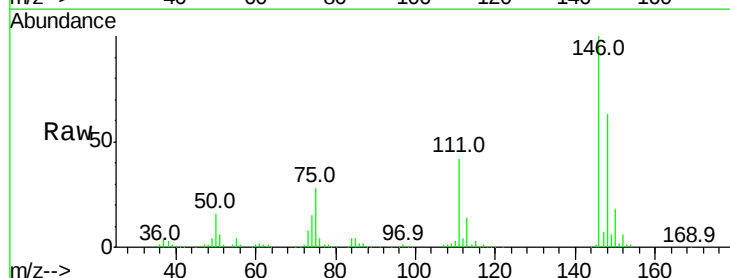
RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

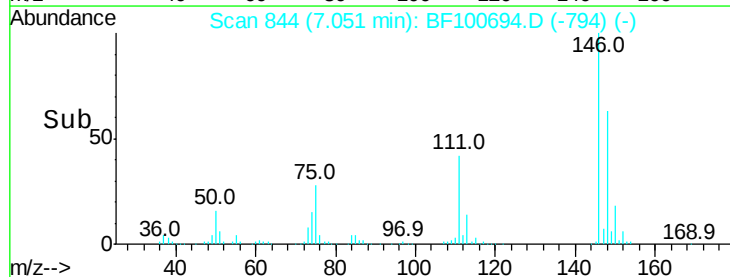
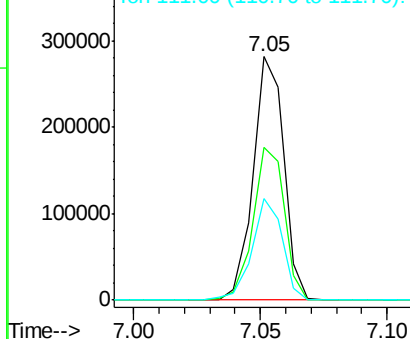
Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion:	146	Resp:	237549
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.6	75.8
111	41.7	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.047 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MS

Tot Ion: 79 Resp: 189273

Ion Ratio Lower Upper

79 100

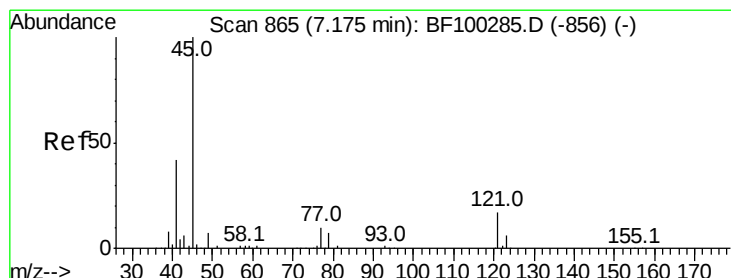
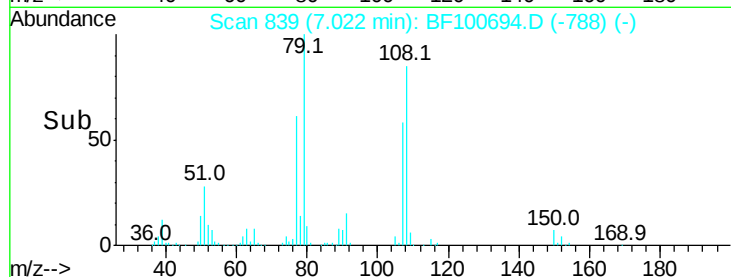
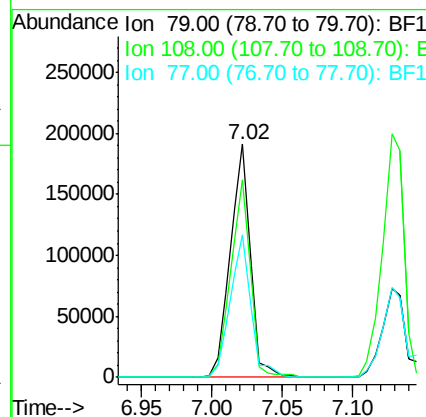
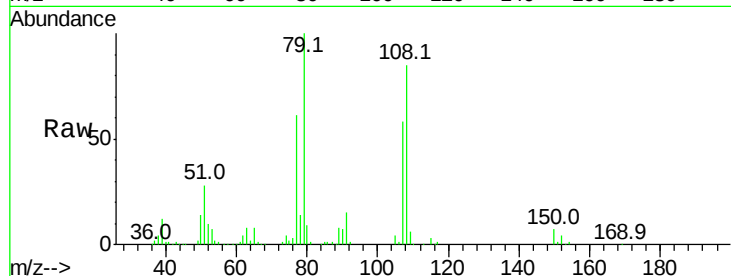
108 85.1 65.1 97.7

77 61.2 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.429 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

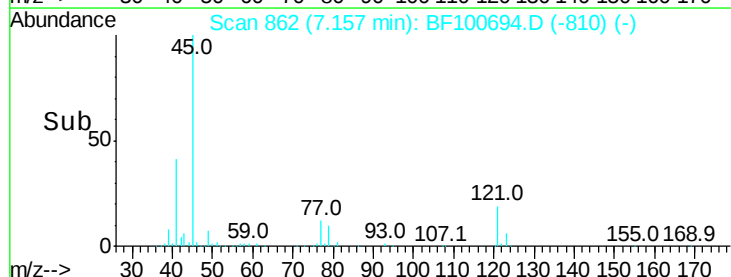
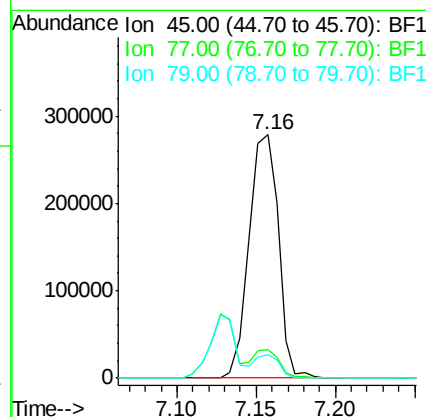
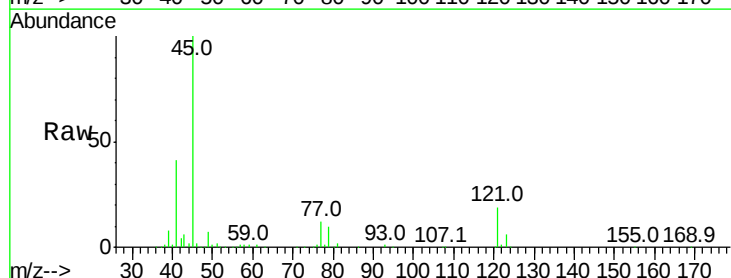
Tgt Ion: 45 Resp: 358293

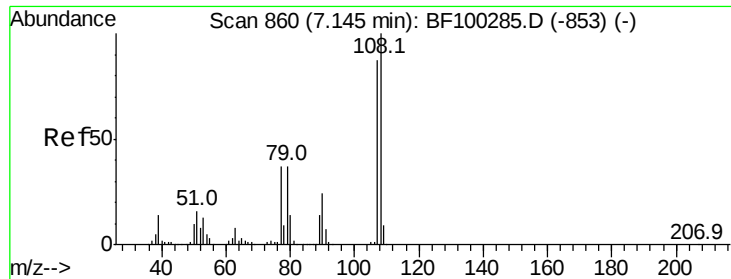
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

79 9.9 0.0 29.6





#17

2-Methylphenol

Concen: 30.973 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

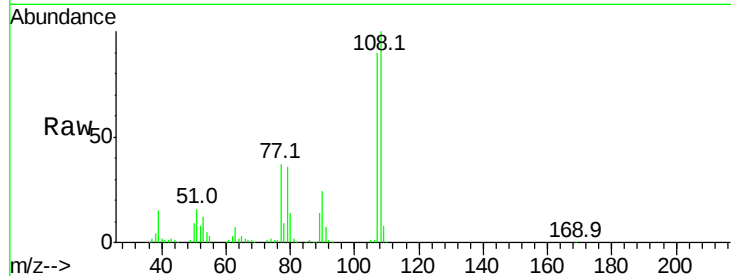
LEW-1-E(7-8)MS

Tot Ion	107	Resp	189584
Ion Ratio	Lower	Upper	
107	100		
108	111.4	91.7	137.5
77	41.5	33.8	50.8
79	40.6	33.8	50.8

Manual Integrations
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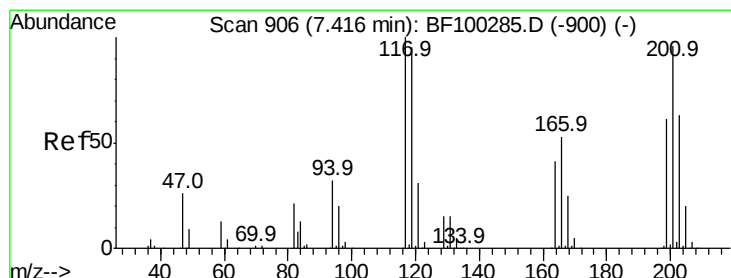
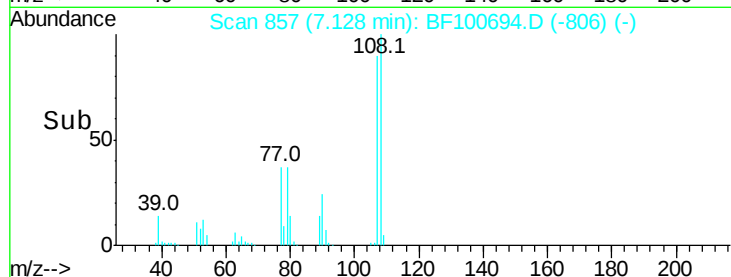
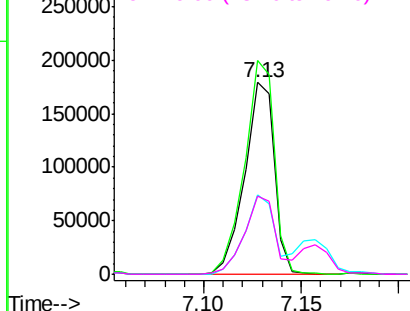


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.322 ng

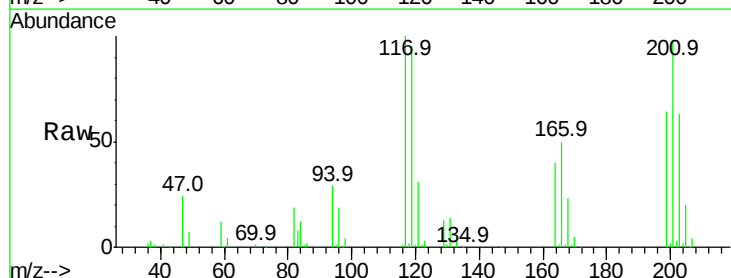
RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

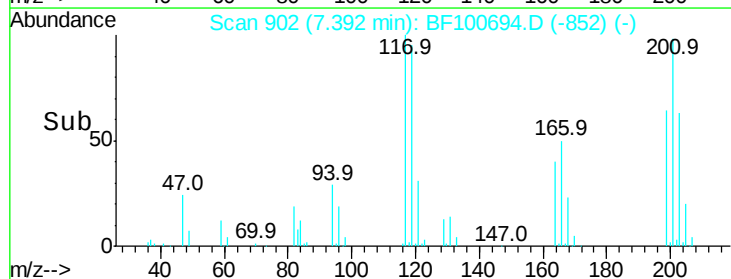
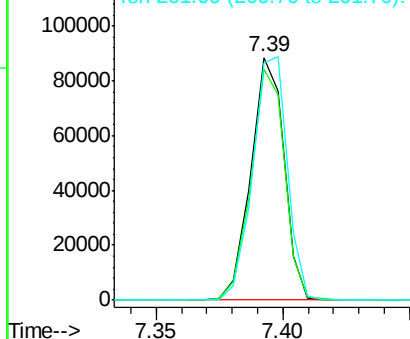
Tgt Ion	117	Resp	80803
Ion Ratio	Lower	Upper	
117	100		
119	95.0	75.8	113.8
201	97.8	75.7	113.5

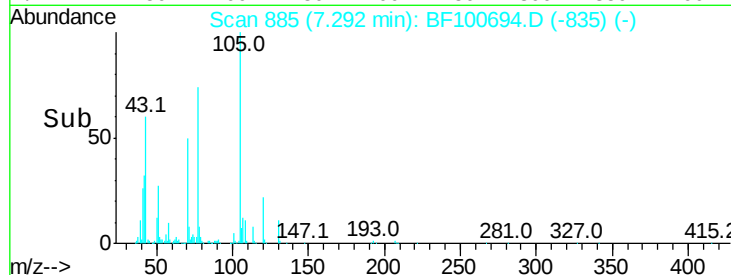
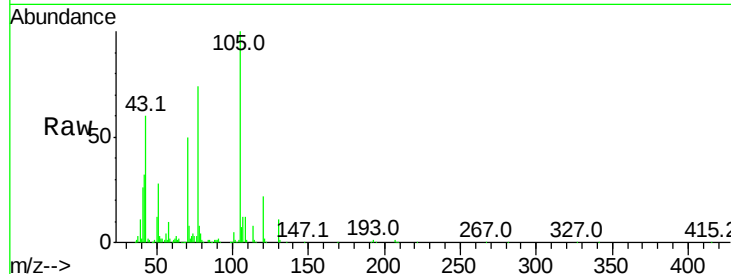
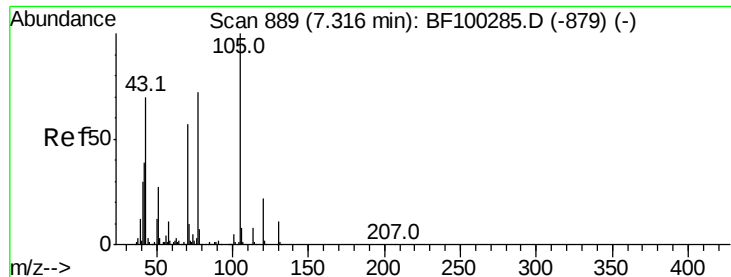


Abundance Ion 117.00 (116.70 to 117.70): E

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: 26.096 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

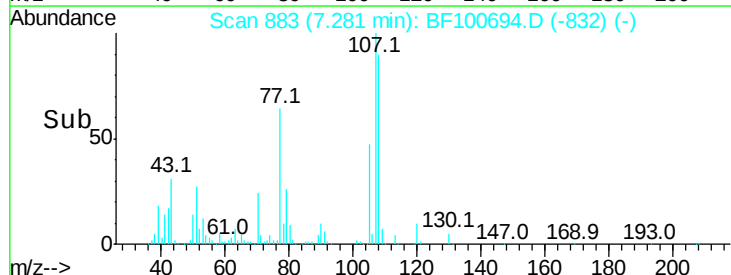
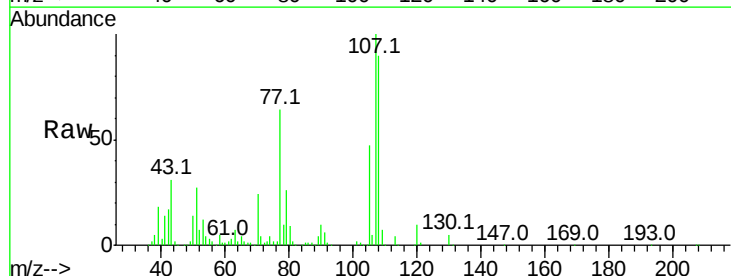
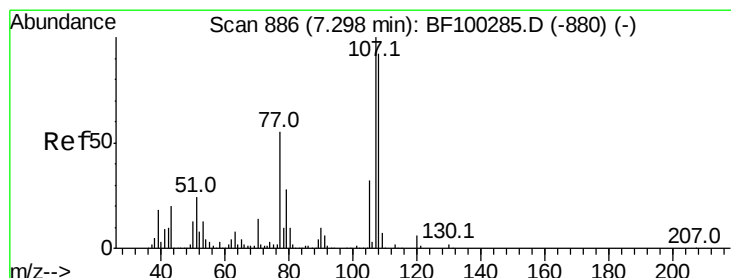
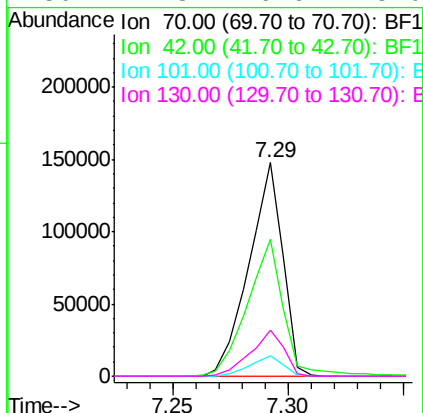
Tot Ion	70	Resp	151096
Ion Ratio	Lower	Upper	
70	100		
42	64.3	47.5	71.3
101	9.7	7.4	11.2
130	21.8	16.6	25.0

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

Manual Integrations
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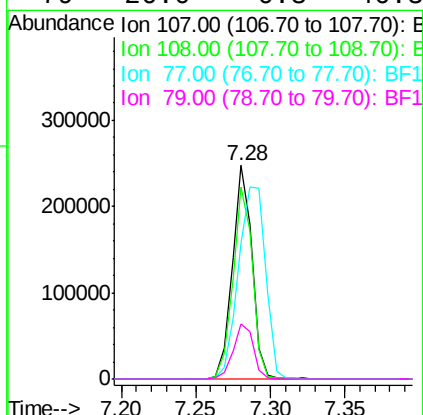
SOHIL

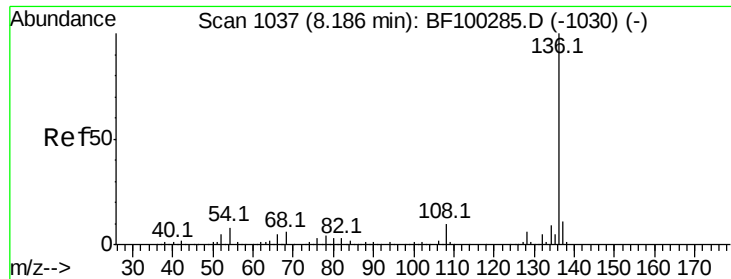
11/20/2017 2:51:19 PM



#20
3+4-Methylphenols
Concen: 29.715 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	107	Resp	230156
Ion Ratio	Lower	Upper	
107	100		
108	89.7	68.2	108.2
77	63.5	26.7	66.7
79	26.0	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: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

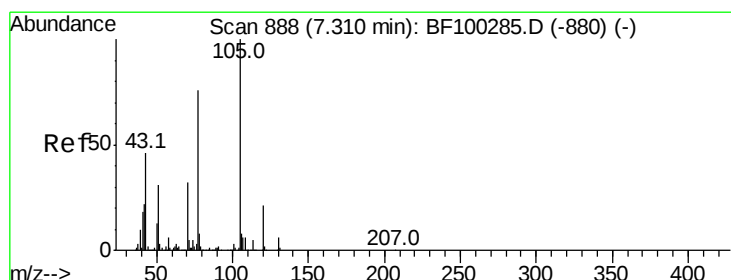
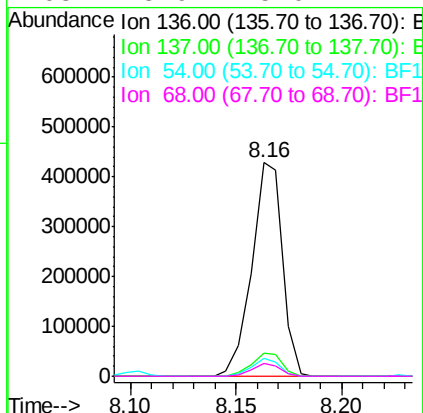
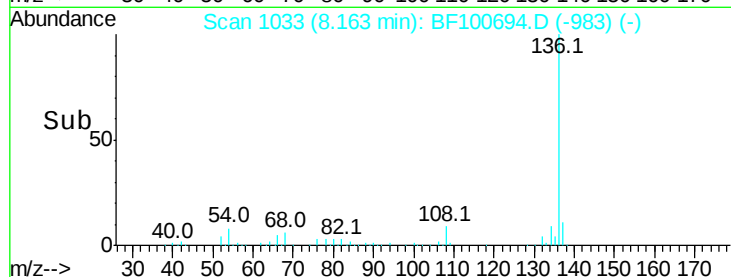
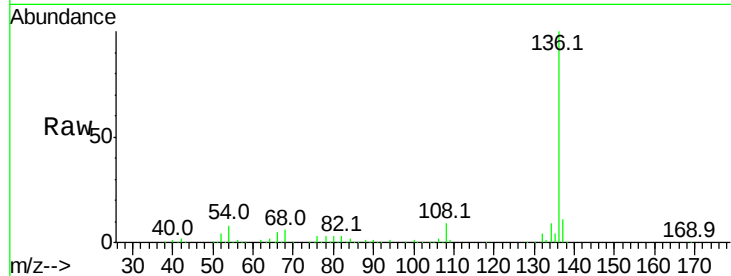
LEW-1-E(7-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	431992		
137	11.1	8.9	13.3	
54	8.2	6.6	9.8	
68	5.9	5.0	7.4	

Manual Integrations
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#22

Acetophenone

Concen: 28.441 ng

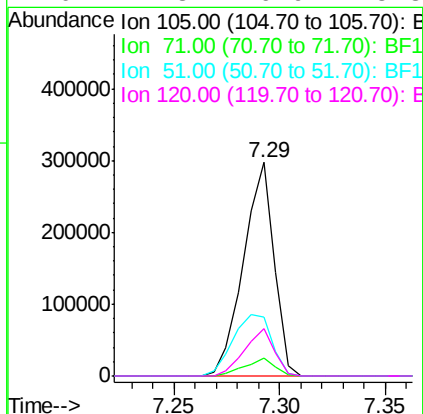
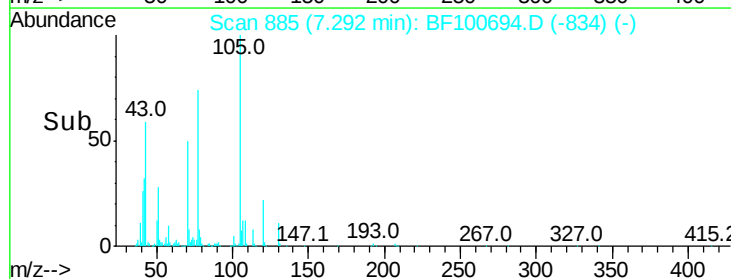
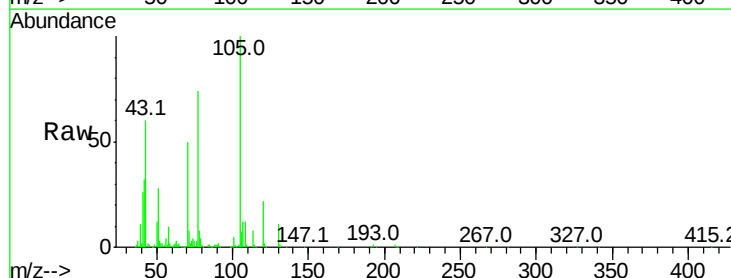
RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299599		
71	8.5	4.4	6.6#	
51	27.6	22.3	33.5	
120	22.3	16.9	25.3	





#23
Nitrobenzene-d5
Concen: 62.560 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

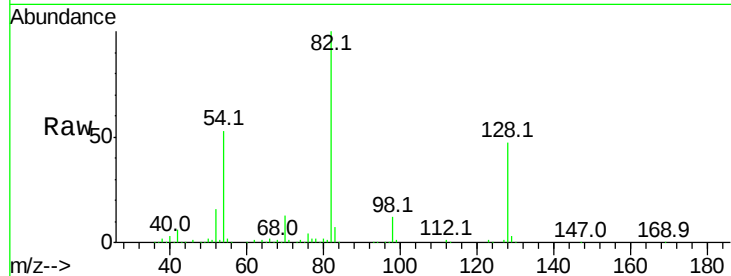
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	52.8	41.4	62.2

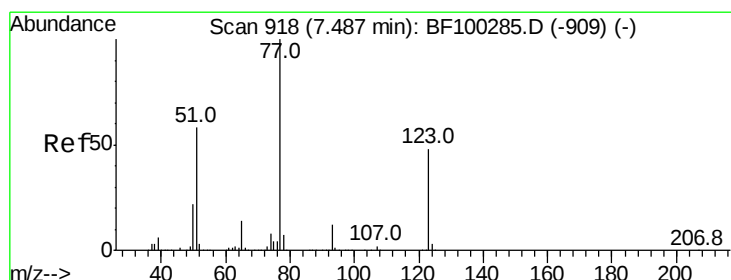
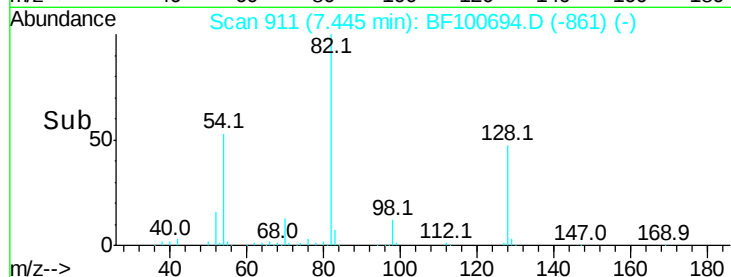
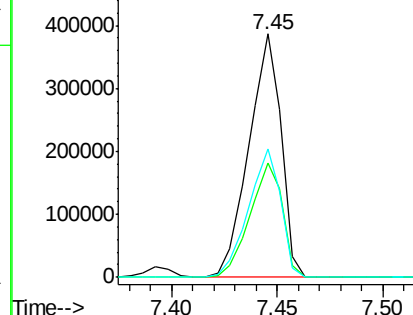
Manual Integrations
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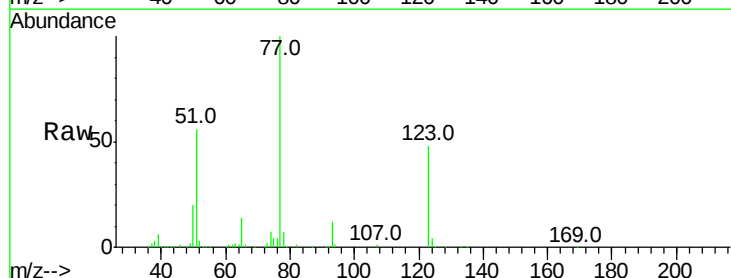


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

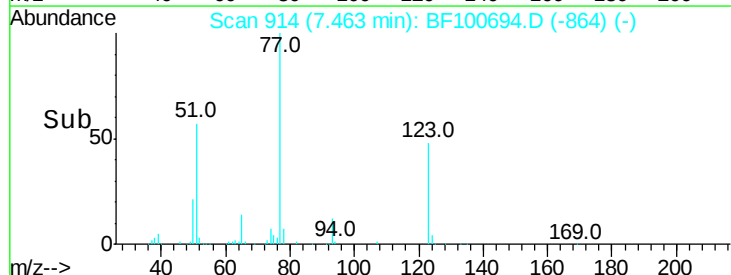
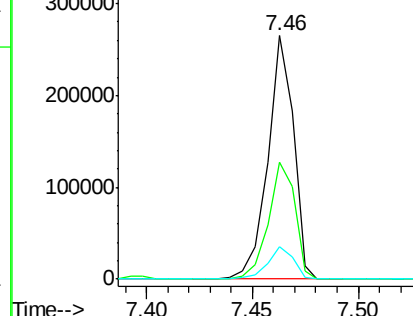


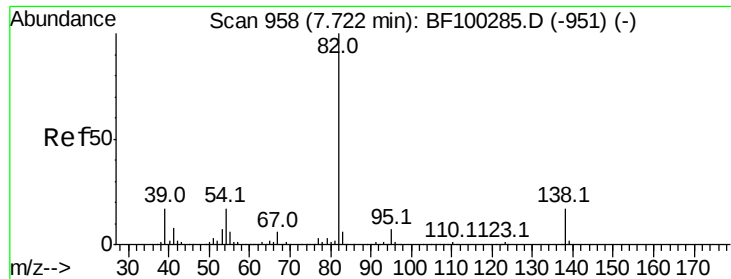
#24
Nitrobenzene
Concen: 33.370 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.9	56.9
65	13.5	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: 30.054 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

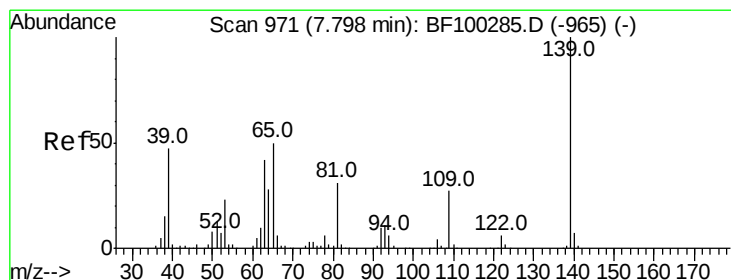
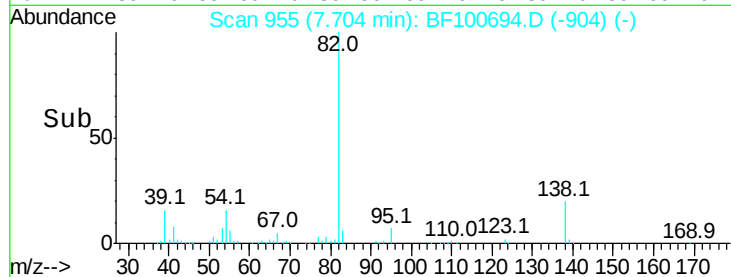
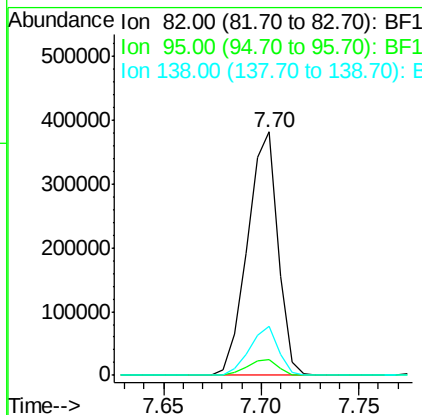
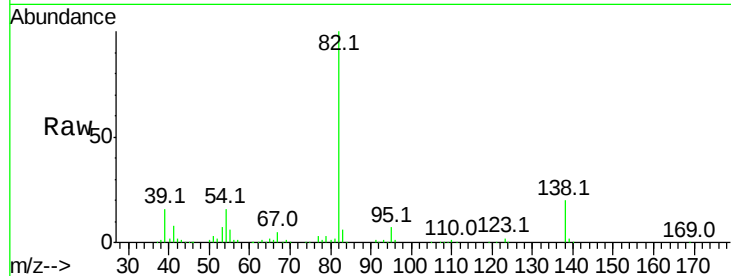
LEW-1-E(7-8)MS

Tot Ion:	82	Resp:	412667
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	19.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.976 ng

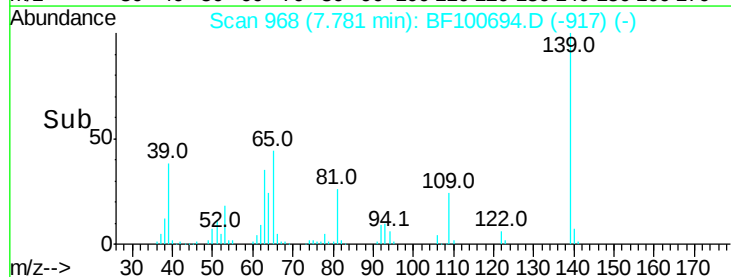
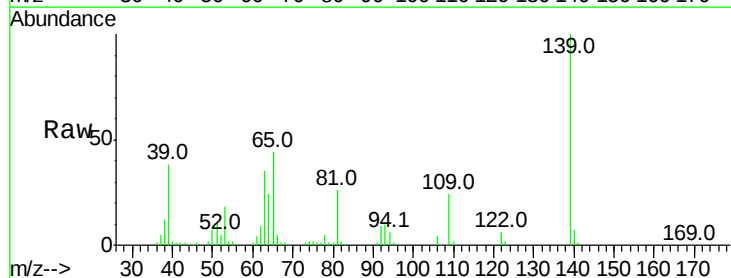
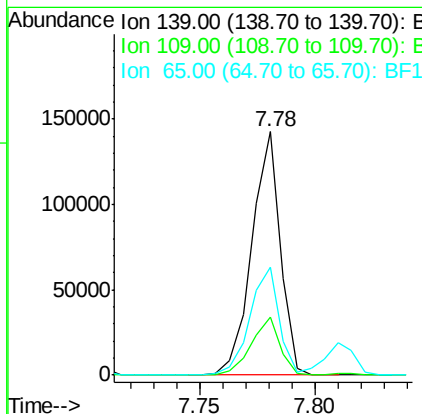
RT: 7.78 min Scan# 968

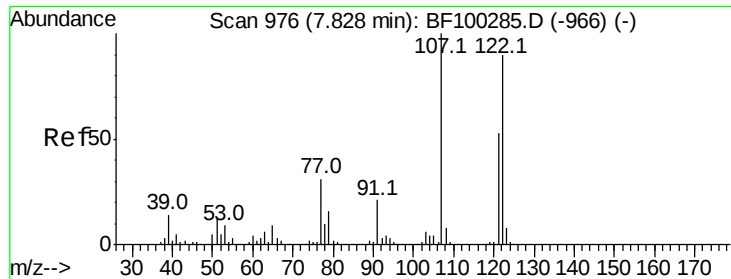
Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion:	139	Resp:	122858
Ion Ratio	Lower	Upper	
139	100		
109	23.9	22.7	34.1
65	44.4	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 33.850 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MS

Tot Ion:122 Resp: 208355

Ion Ratio Lower Upper

122 100

107 110.9 91.2 136.8

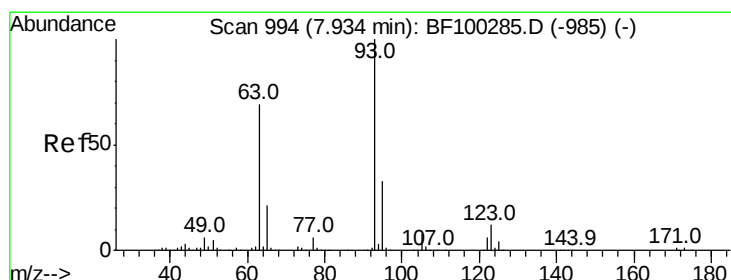
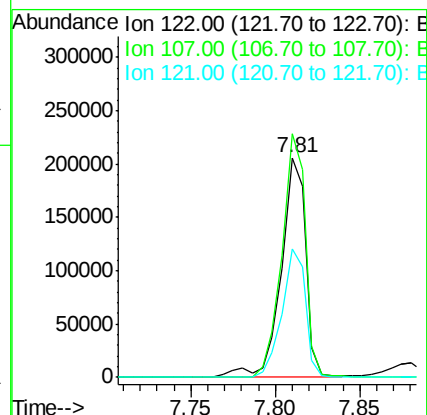
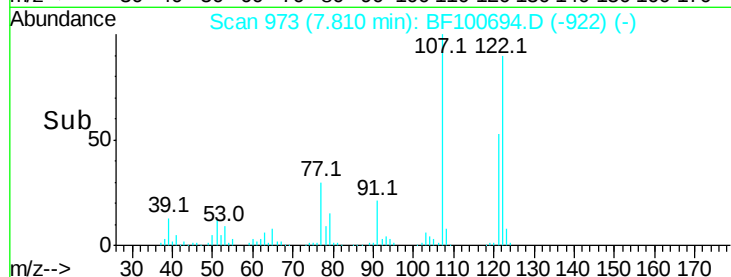
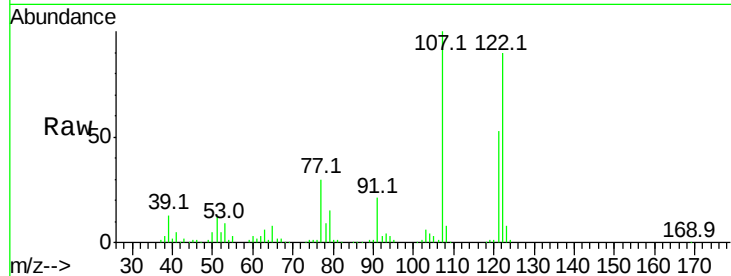
121 58.6 47.2 70.8

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 29.238 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

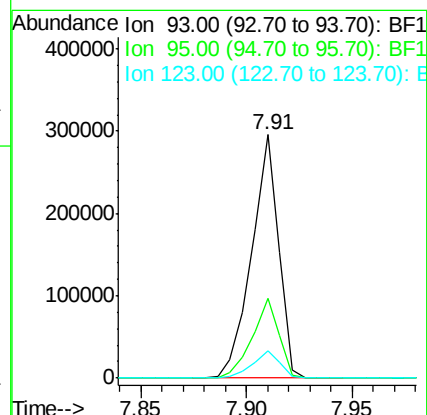
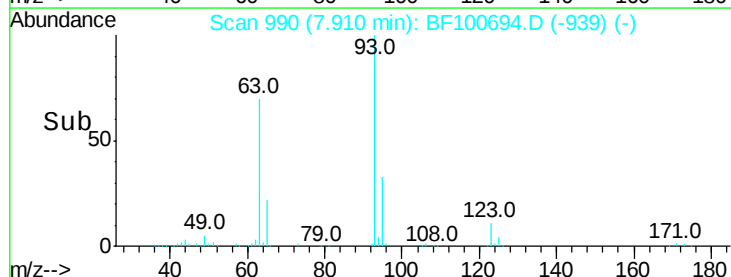
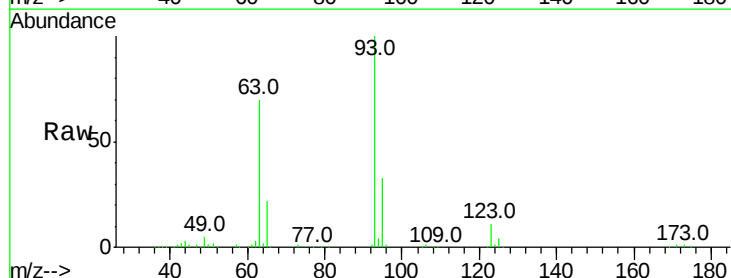
Tgt Ion: 93 Resp: 262602

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

123 11.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 33.980 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

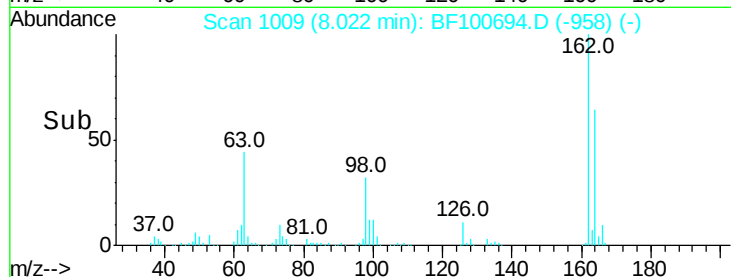
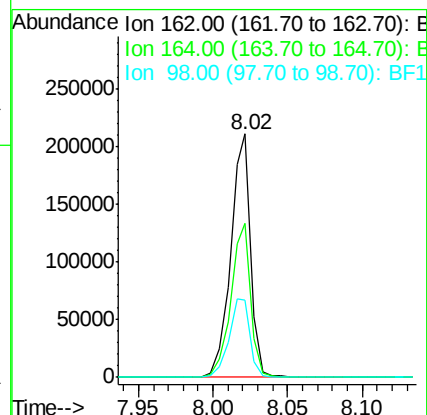
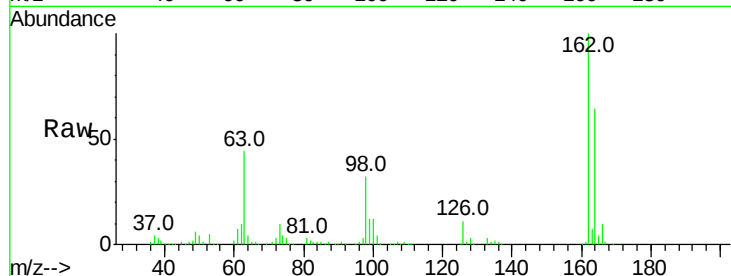
LEW-1-E(7-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	199668		
164	63.5	42.7	82.7	
98	32.0	18.1	58.1	

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 32.354 ng

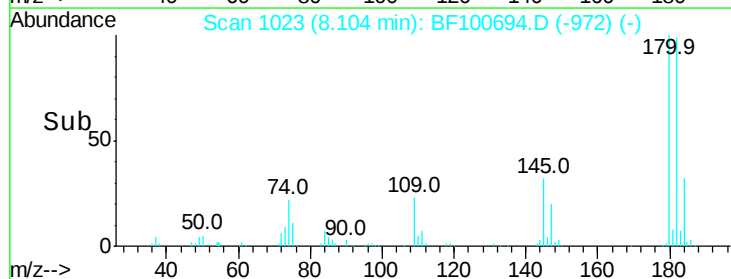
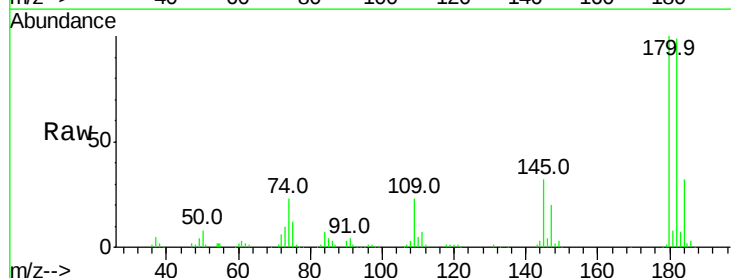
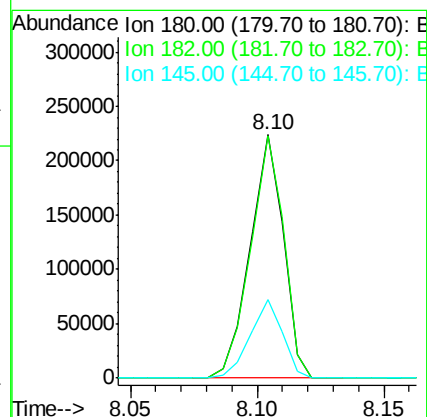
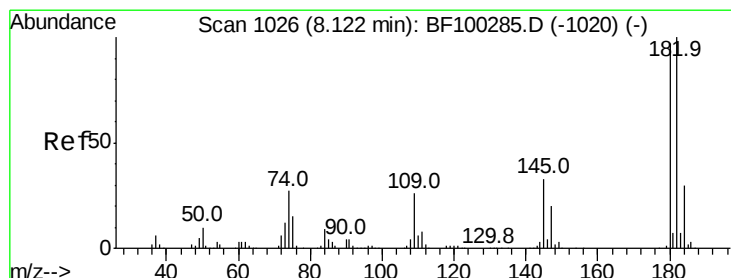
RT: 8.10 min Scan# 1023

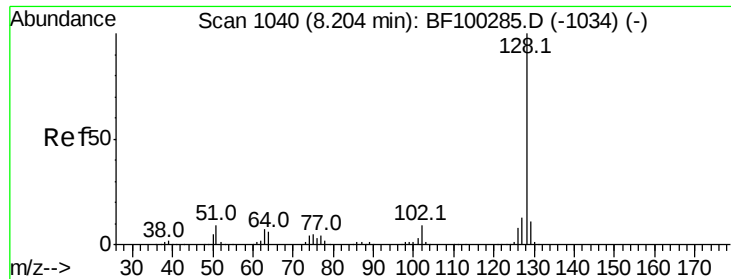
Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	205647		
182	99.3	76.8	115.2	
145	32.2	26.5	39.7	





#31
Naphthalene
Concen: 31.149 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

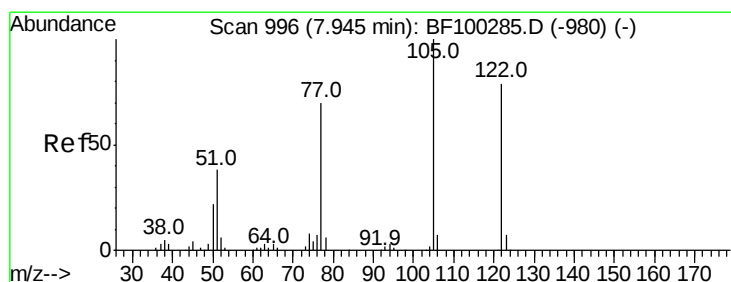
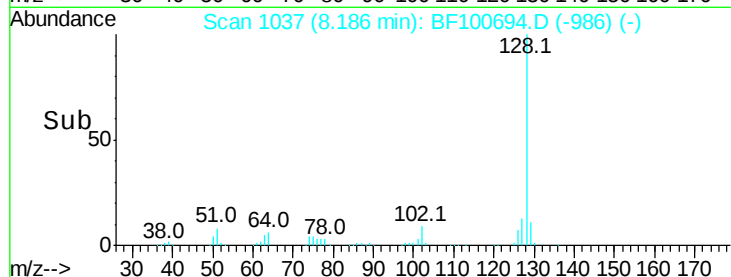
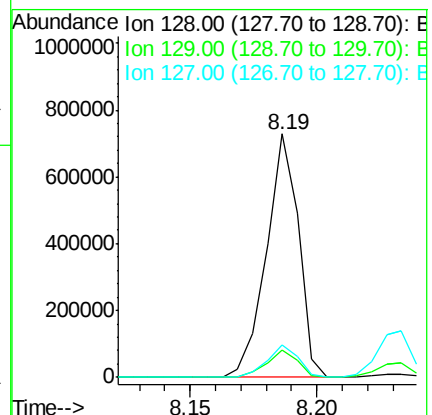
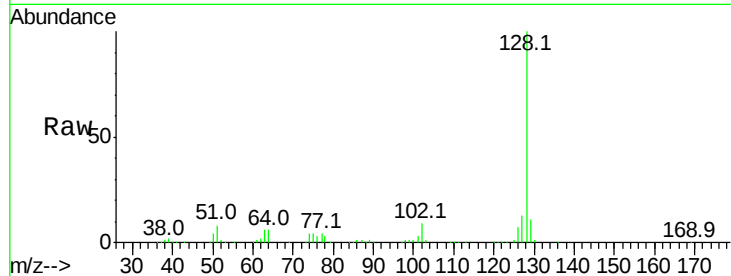
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
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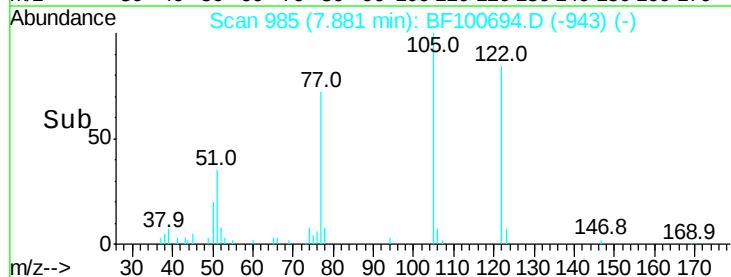
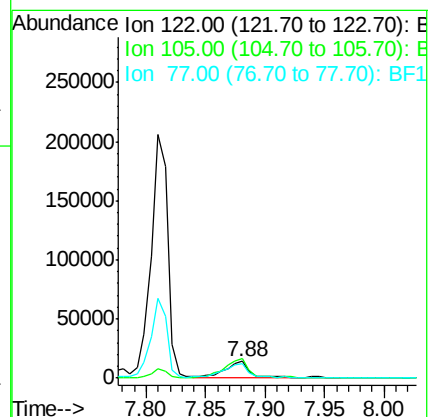
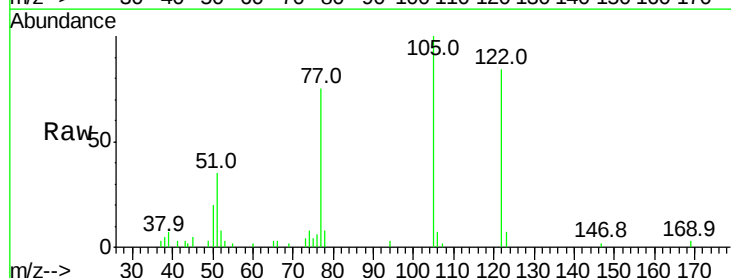
SOHIL

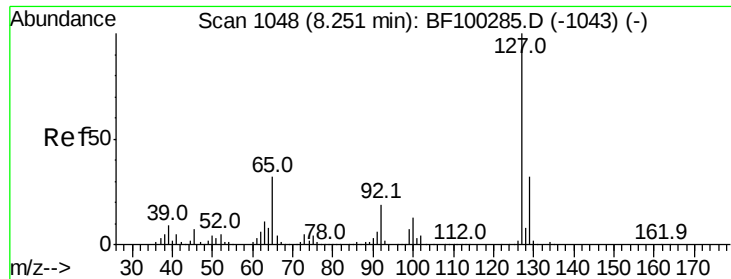
11/20/2017 2:51:19 PM



#32
Benzoic acid
Concen: 13.206 ng m
RT: 7.88 min Scan# 985
Delta R.T. -0.05 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	101.1	141.1
77	89.6	70.7	110.7





#33
4-Chloroaniline
Concen: 15.450 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

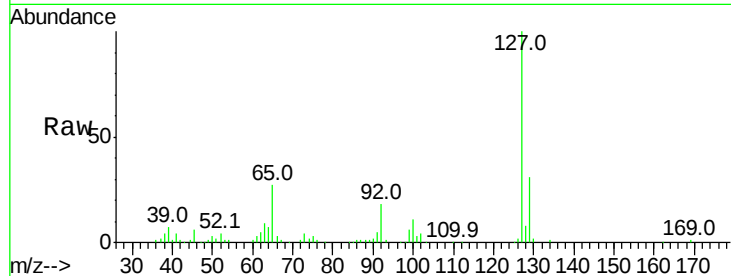
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.9	38.9		
65	27.0	25.0	37.4		
92	18.2	15.2	22.8		

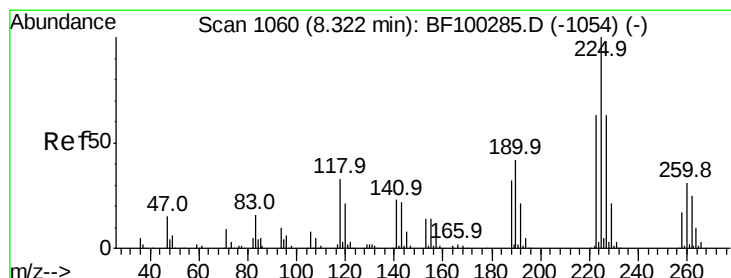
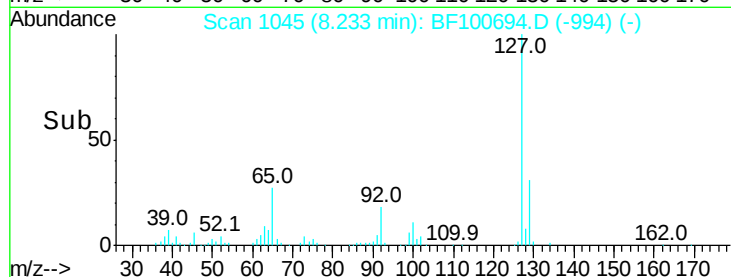
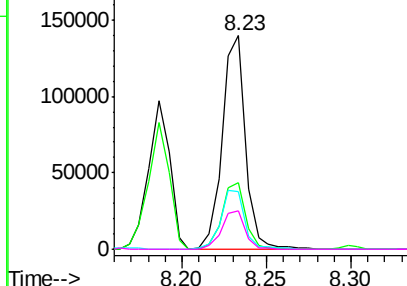
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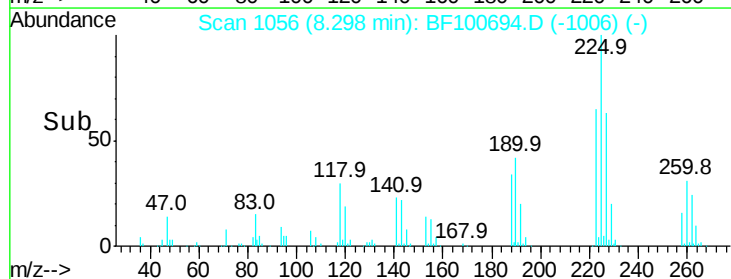
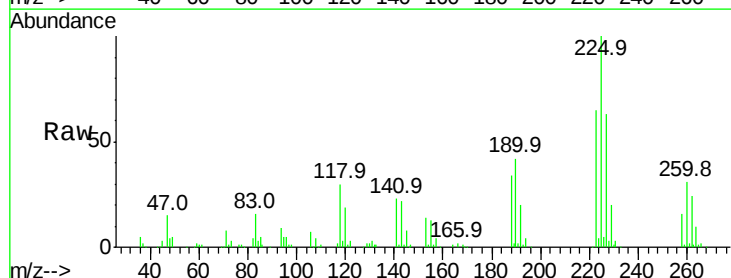
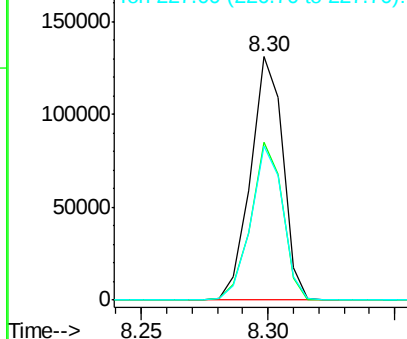
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

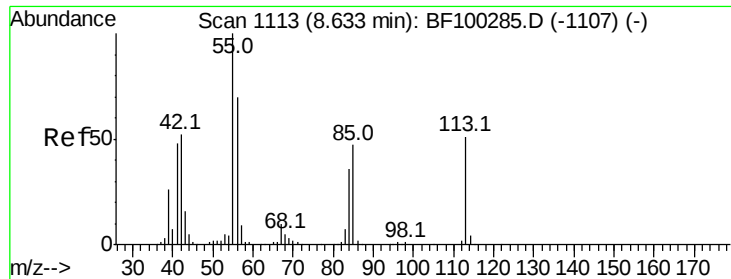


#34
Hexachlorobutadiene
Concen: 30.887 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	50.6	76.0		
227	63.0	51.9	77.9		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.263 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

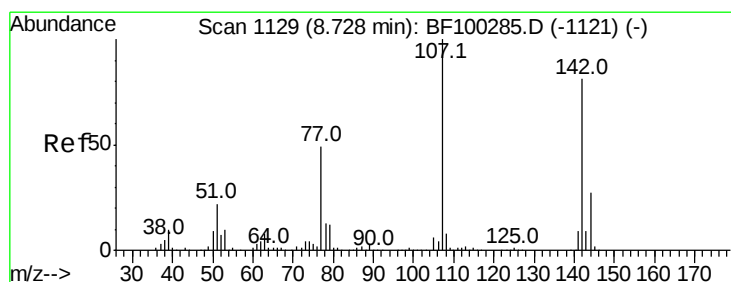
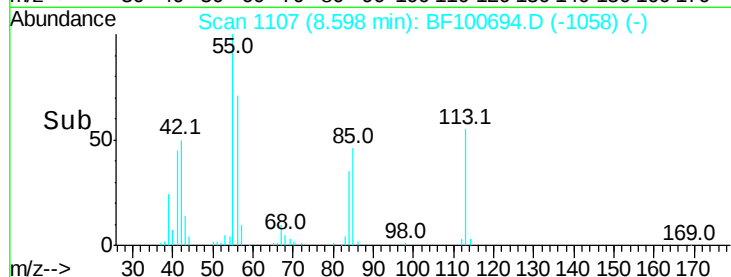
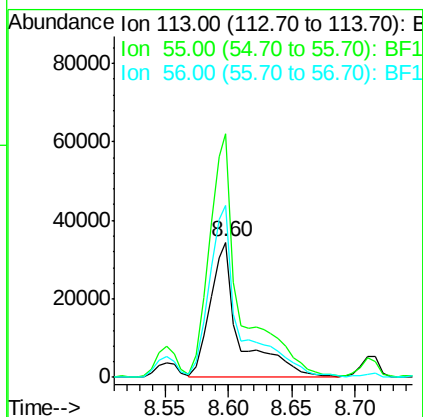
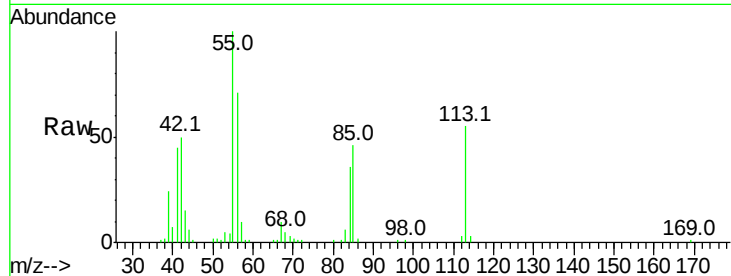
LEW-1-E(7-8)MS

Tot Ion:	113	Resp:	56994
Ion	Ratio	Lower	Upper
113	100		
55	180.3	163.3	203.3
56	127.1	115.7	155.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 31.193 ng

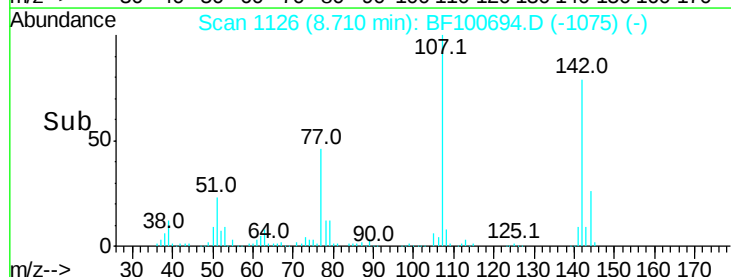
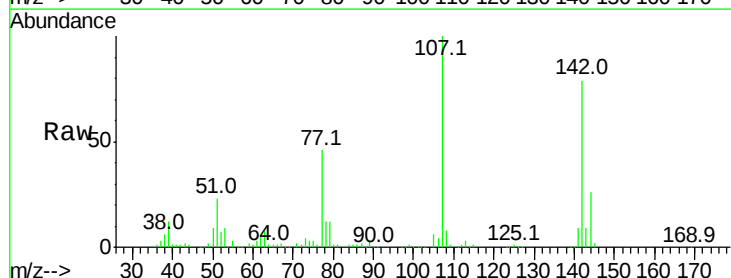
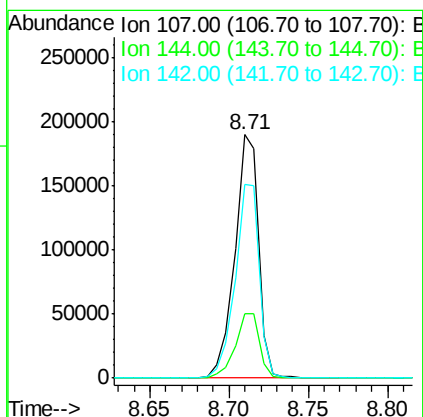
RT: 8.71 min Scan# 1126

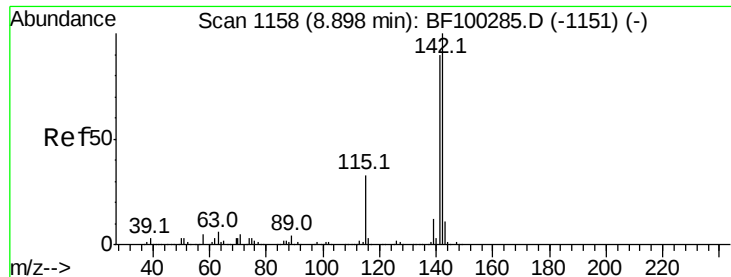
Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion:	107	Resp:	196857
Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	79.4	62.0	93.0





#37
2-Methylnaphthalene
Concen: 32.161 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

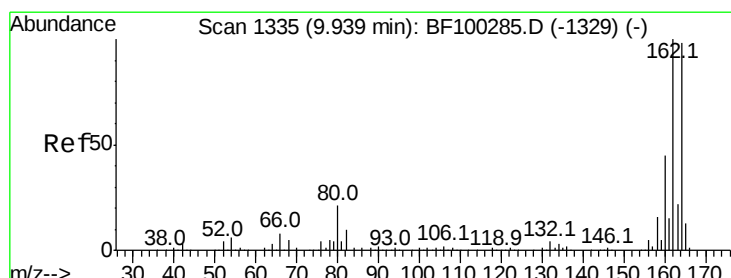
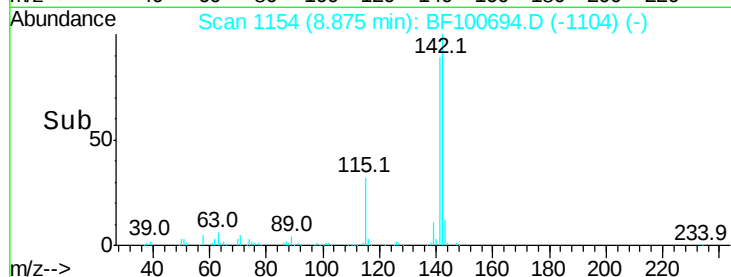
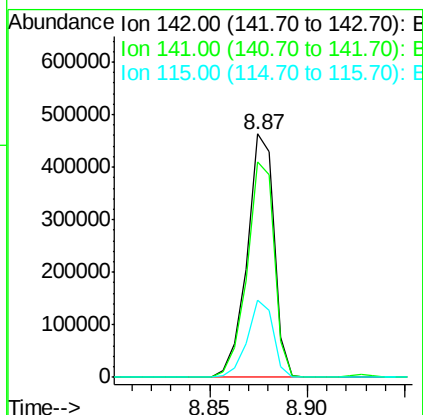
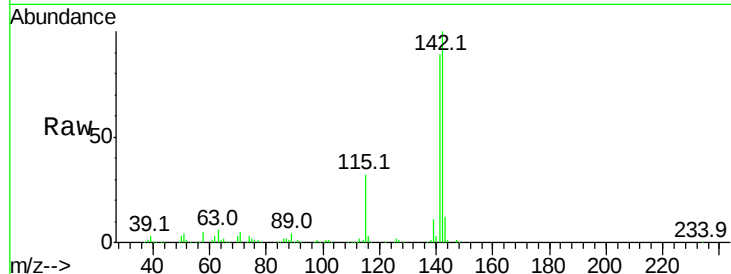
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	31.5	26.1	39.1

Manual Integrations
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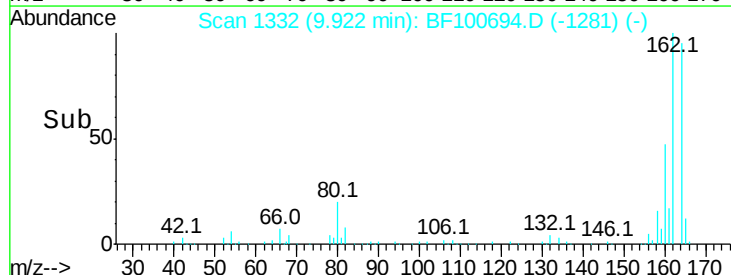
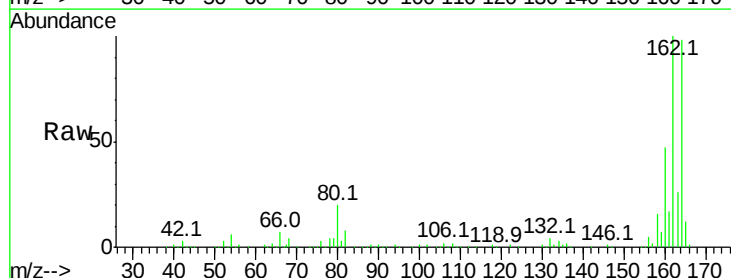
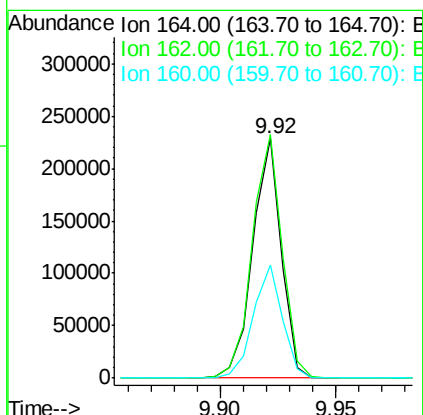
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	47.3	38.3	57.5





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.301 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

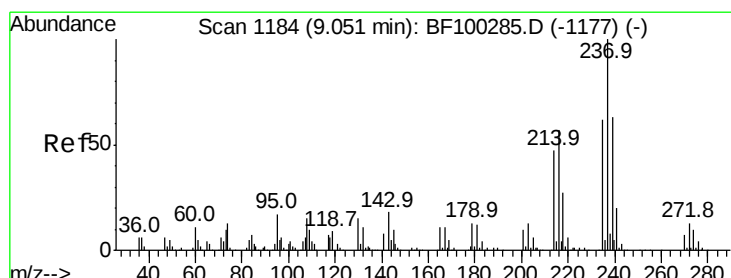
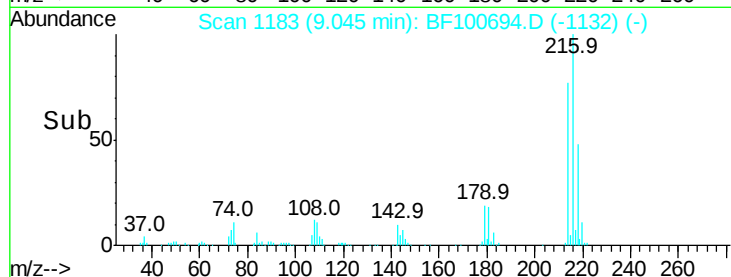
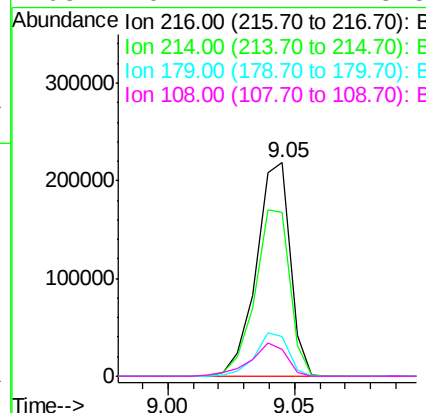
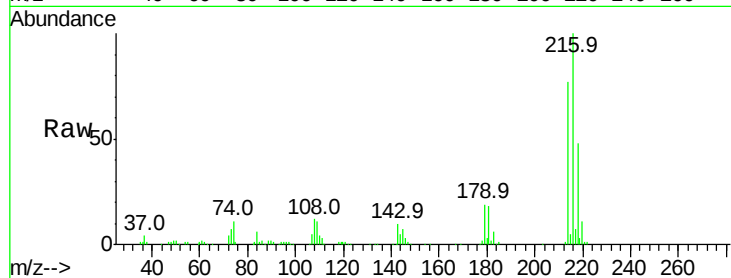
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	205077		
214	80.0	63.0	94.4	
179	20.0	18.1	27.1	
108	16.7	17.2	25.8	

Manual Integrations
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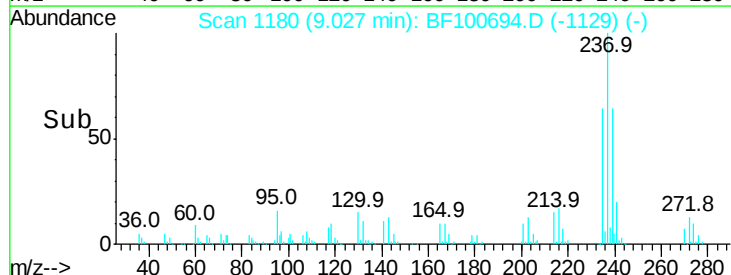
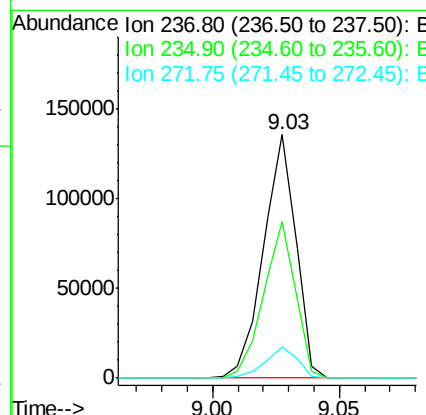
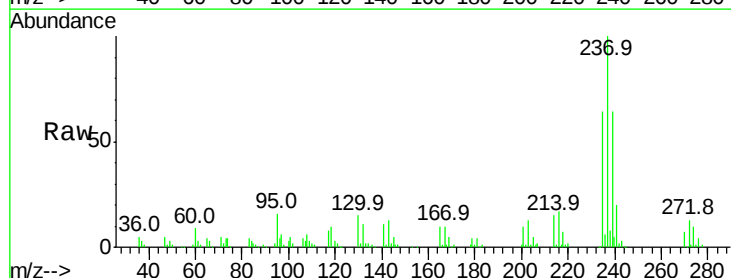
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#40
 Hexachlorocyclopentadiene
 Concen: 39.250 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	121029		
235	64.4	44.8	84.8	
272	12.9	0.0	33.3	





#41
 2,4,6-Tribromophenol
 Concen: 86.967 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

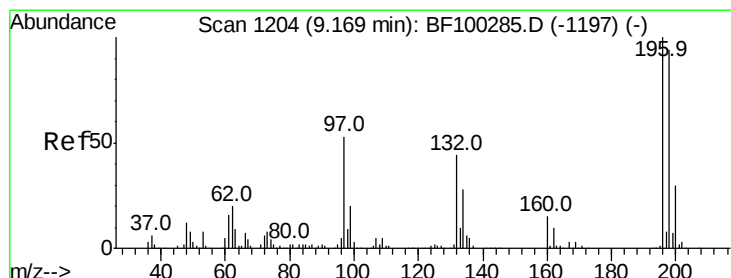
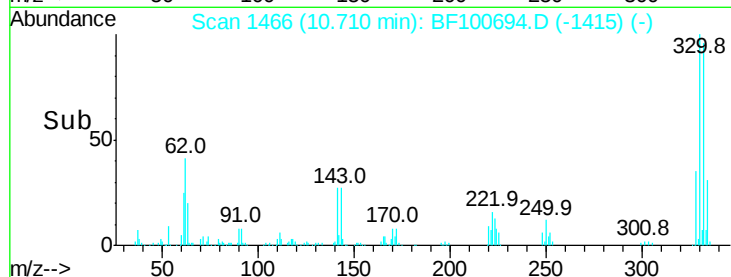
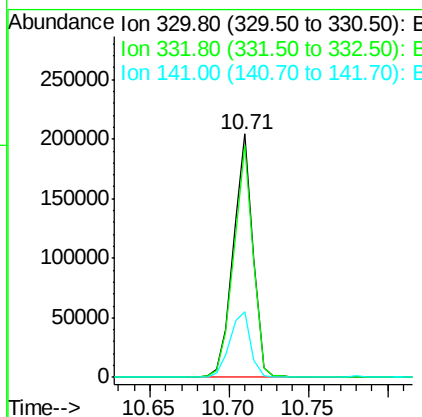
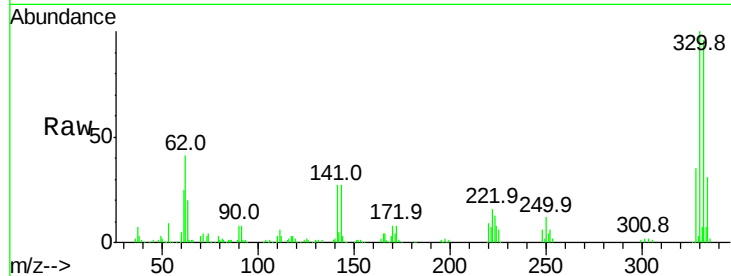
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	28.5	29.9	44.9#

Manual Integrations
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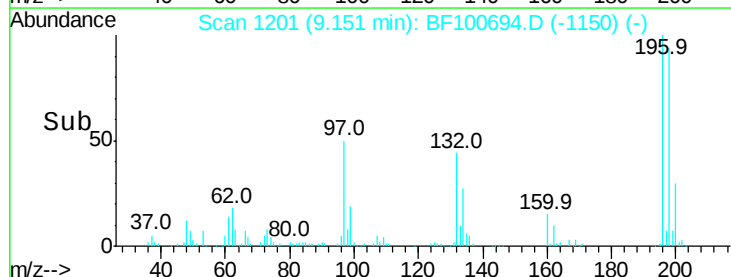
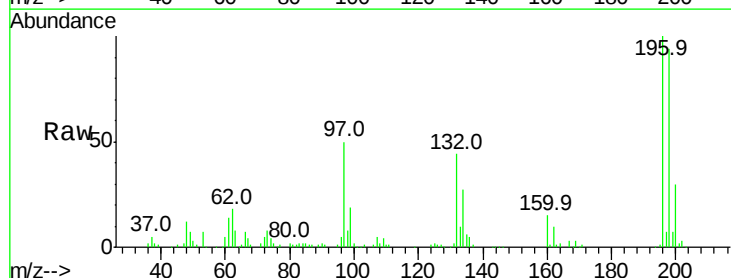
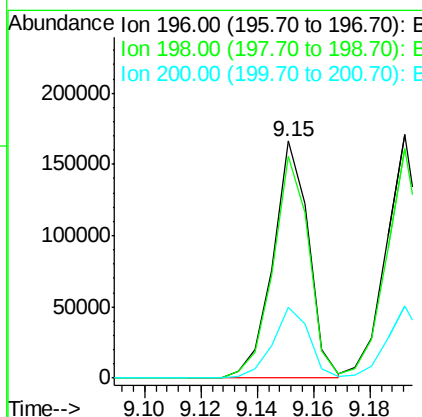
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#42
 2,4,6-Trichlorophenol
 Concen: 35.092 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.7	113.5
200	30.0	24.5	36.7





#43
 2,4,5-Trichlorophenol
 Concen: 34.706 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

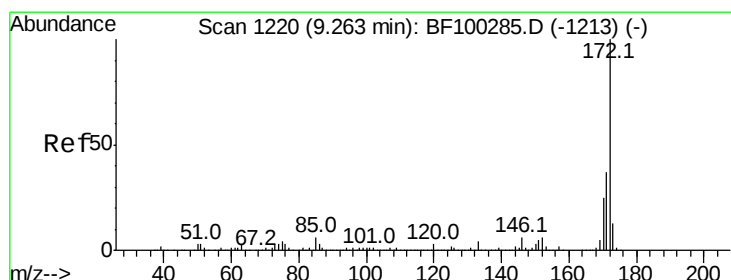
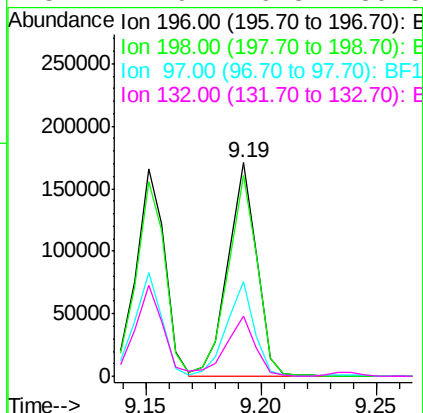
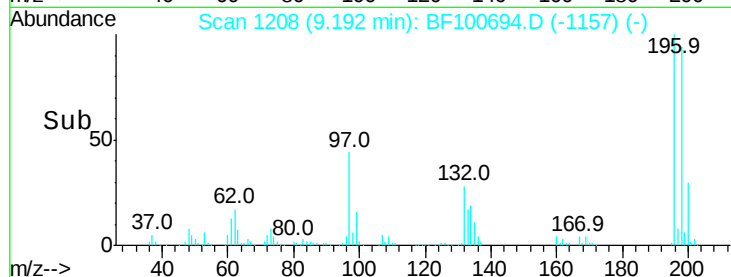
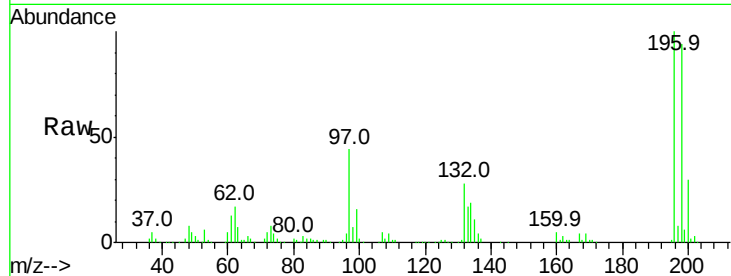
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion	196	Resp	149311
Ion Ratio	Lower	Upper	
196	100		
198	94.2	74.6	112.0
97	44.3	42.9	64.3
132	27.9	26.3	39.5

Manual Integrations
 APPROVED

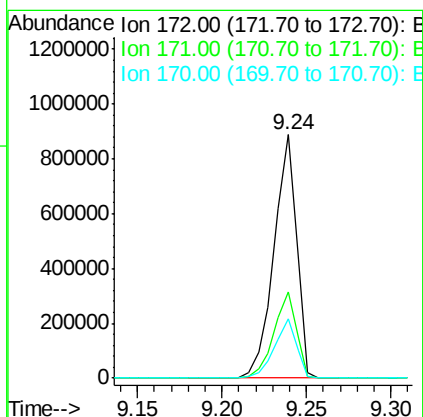
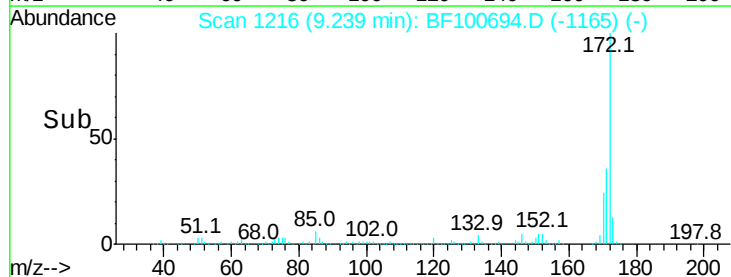
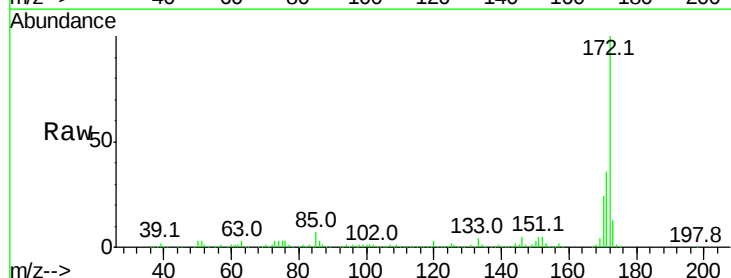
SOHIL

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#44
 2-Fluorobiphenyl
 Concen: 63.428 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion	172	Resp	822885
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.7	44.5
170	24.2	19.6	29.4





#45
1,1'-Biphenyl
Concen: 30.892 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

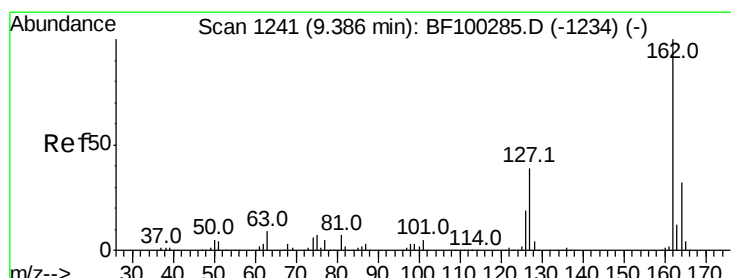
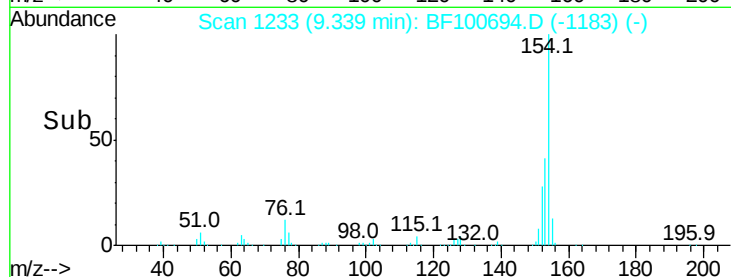
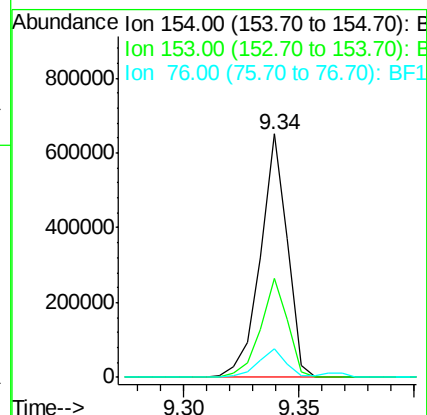
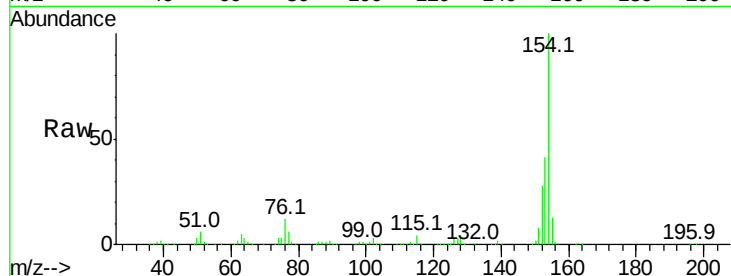
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	11.7	0.0	34.0

Manual Integrations
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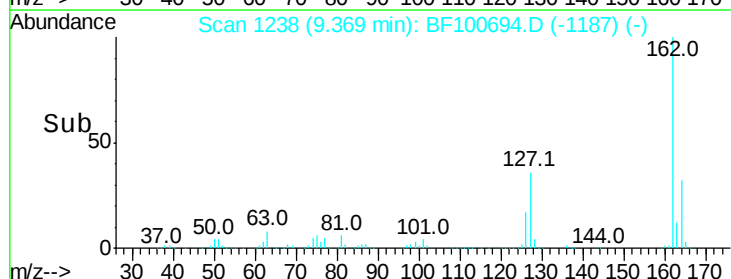
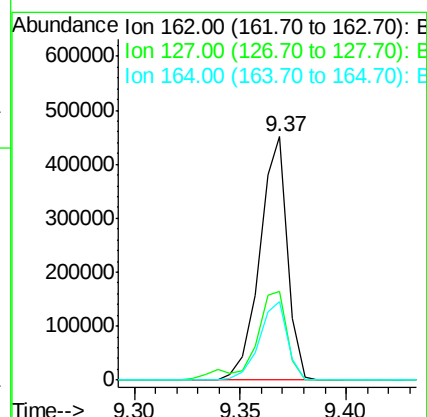
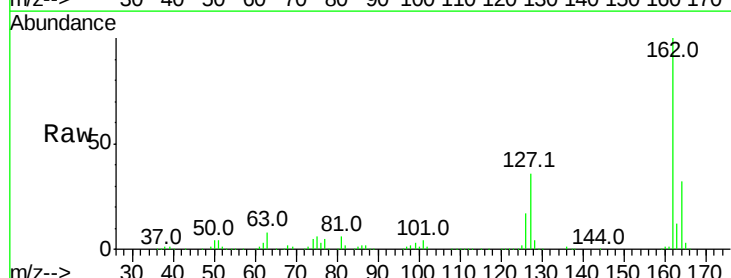
SOHIL

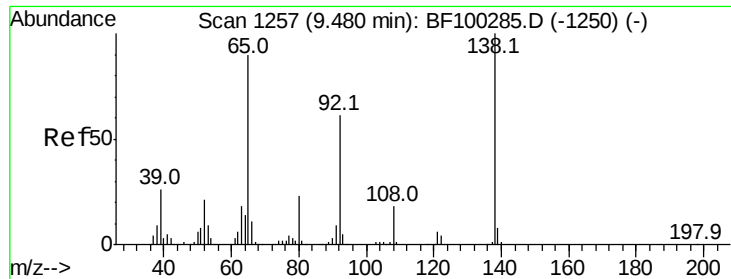
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#46
2-Chloronaphthalene
Concen: 33.139 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	33.9	50.9
164	32.0	26.5	39.7





#47

2-Nitroaniline

Concen: 34.230 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MS

Tot Ion: 65 Resp: 122266

Ion Ratio Lower Upper

65 100

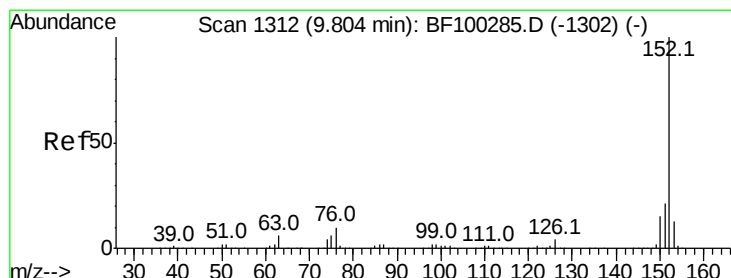
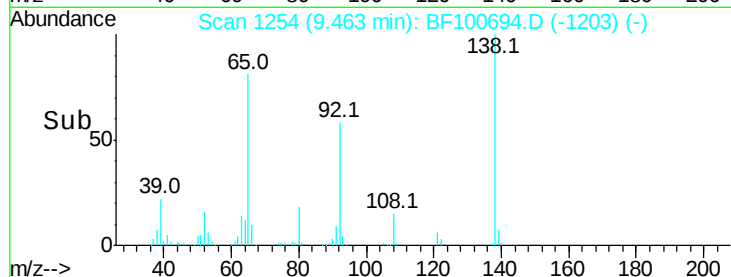
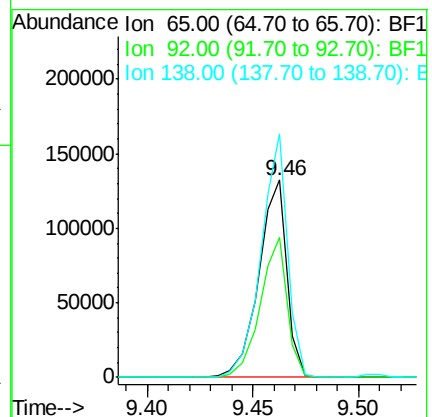
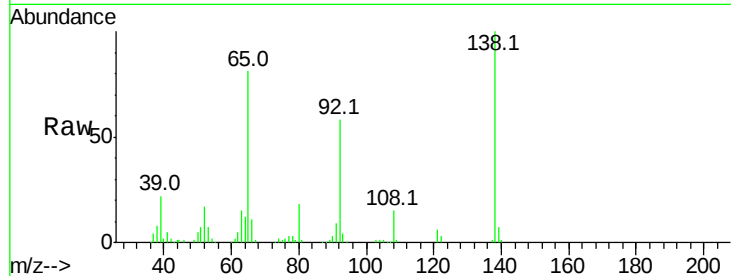
92 71.1 55.8 83.6

138 123.5 91.2 136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 30.535 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

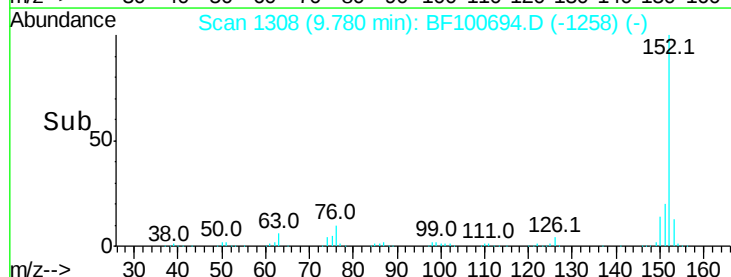
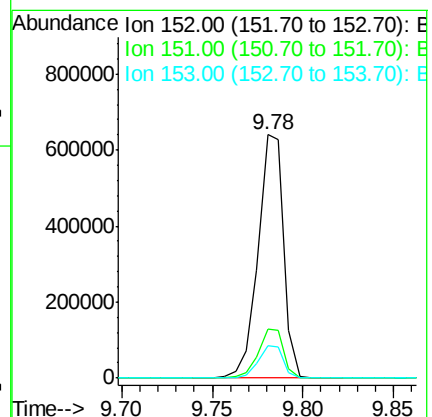
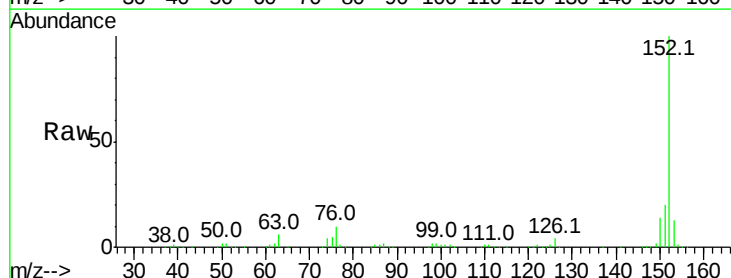
Tgt Ion: 152 Resp: 627245

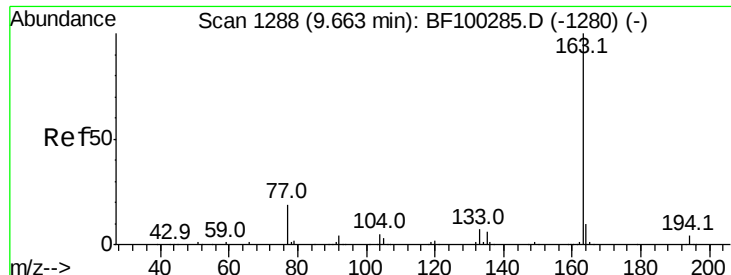
Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 13.3 10.7 16.1





#49
 Dimethylphthalate
 Concen: 40.211 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

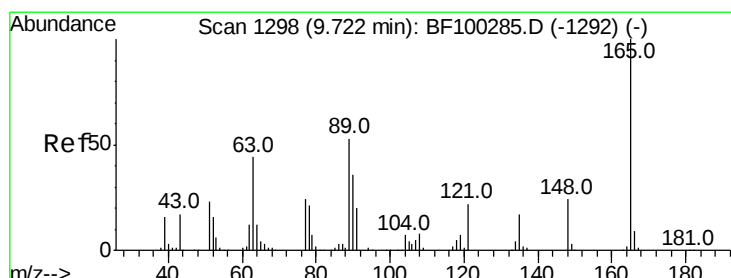
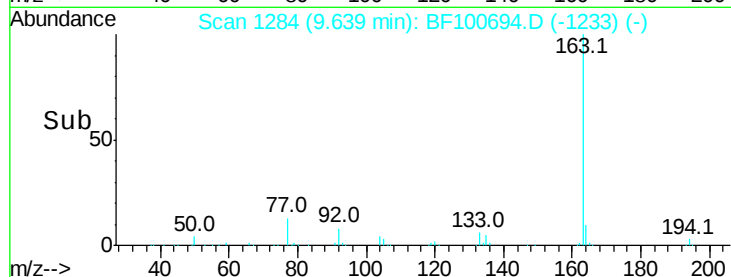
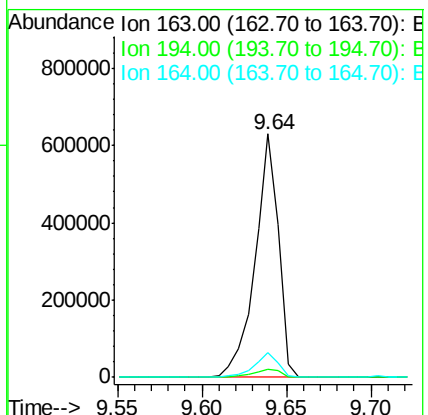
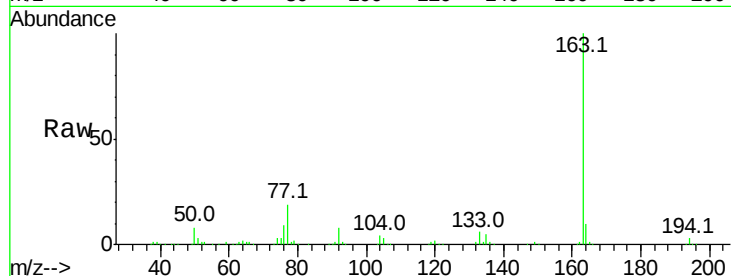
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.0	8.2	12.2	

Manual Integrations
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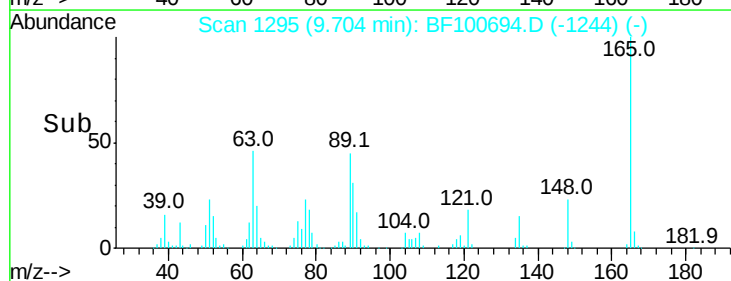
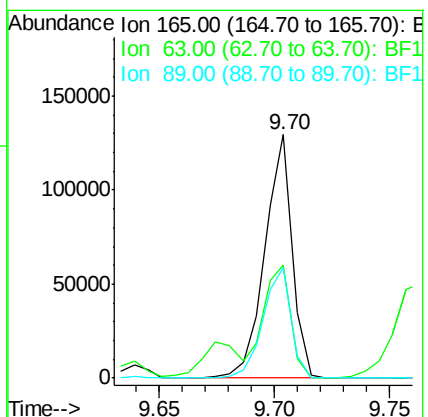
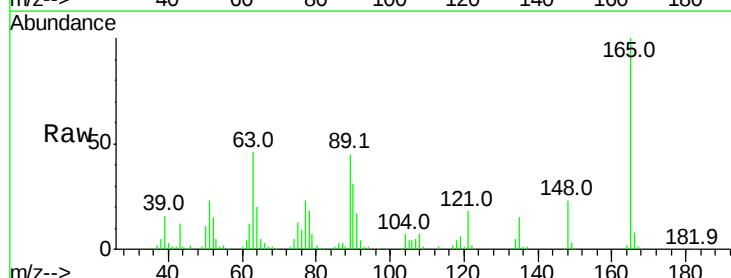
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#50
 2,6-Dinitrotoluene
 Concen: 35.809 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.3	44.7	67.1	
89	45.4	44.0	66.0	





#51

Acenaphthene

Concen: 32.021 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MS

Tot Ion:154 Resp: 400045
Ion Ratio Lower Upper

154 100

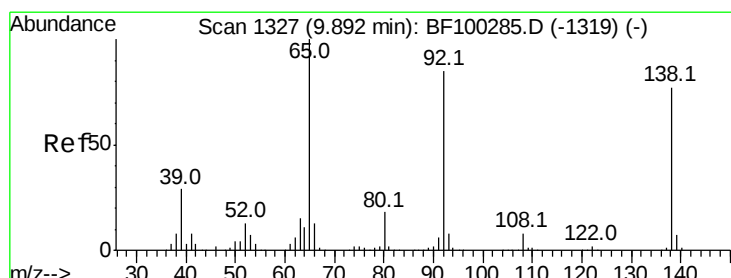
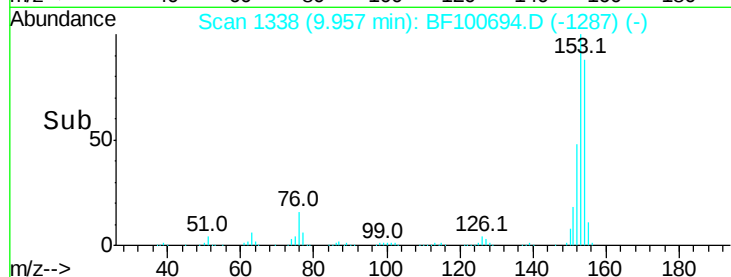
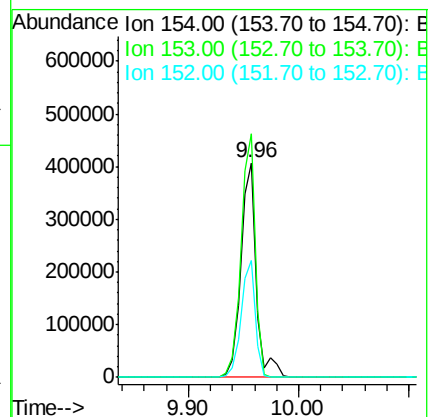
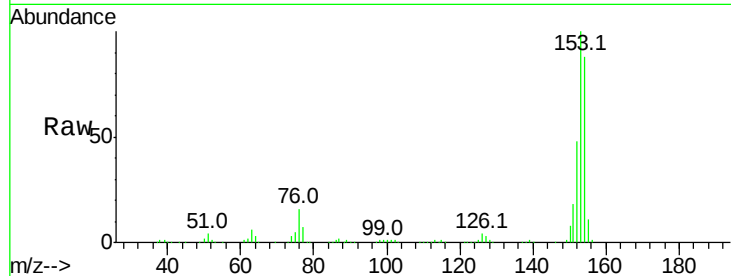
153 113.6 91.2 136.8

152 54.4 43.8 65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 23.855 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF100694.D

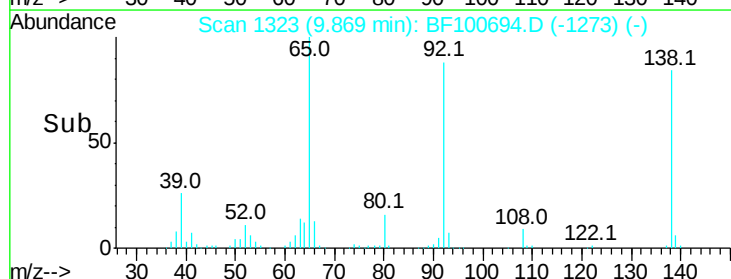
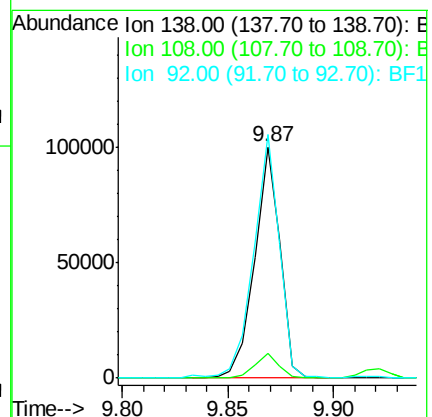
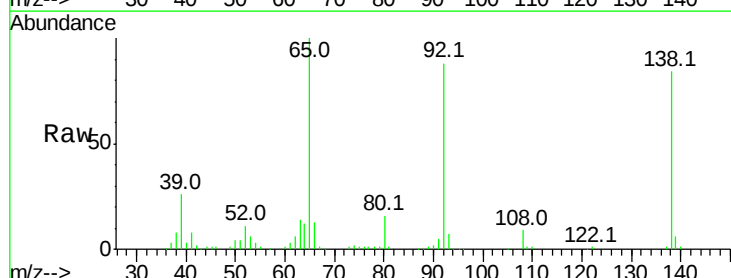
Acq: 18 Nov 2017 00:38

Tgt Ion:138 Resp: 84101
Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

92 105.3 89.4 134.2





#53
2,4-Dinitrophenol
Concen: 51.169 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

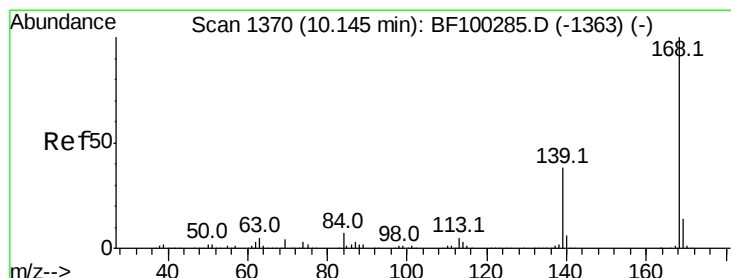
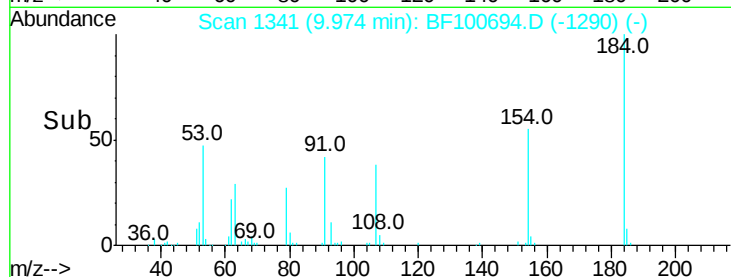
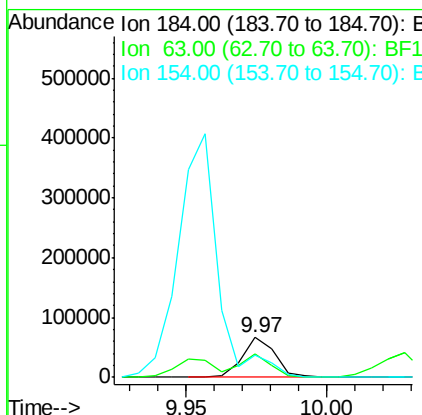
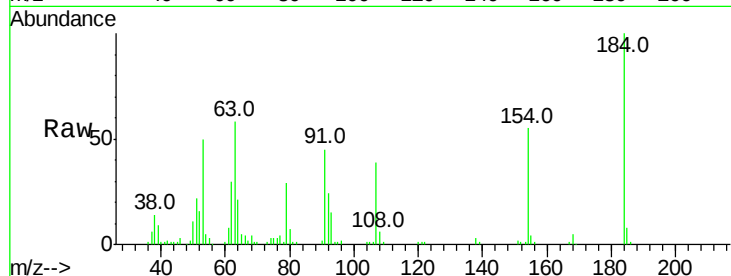
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion:184 Resp: 53969
Ion Ratio Lower Upper
184 100
63 57.9 54.2 81.2
154 55.3 184.0 276.0#

Manual Integrations
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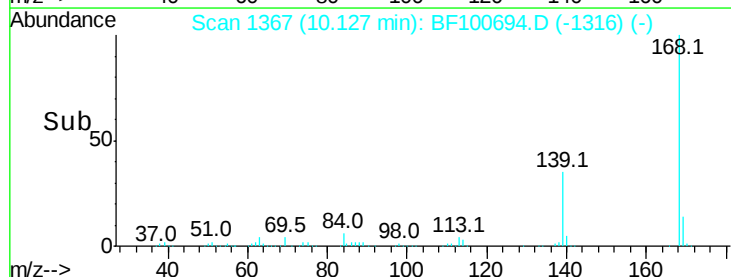
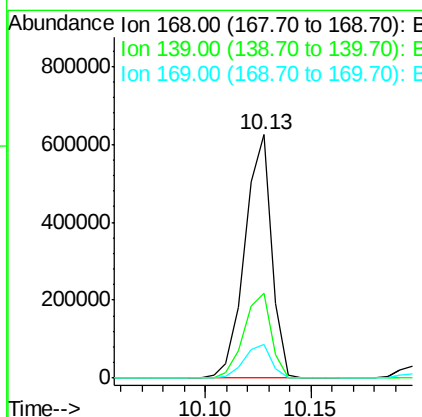
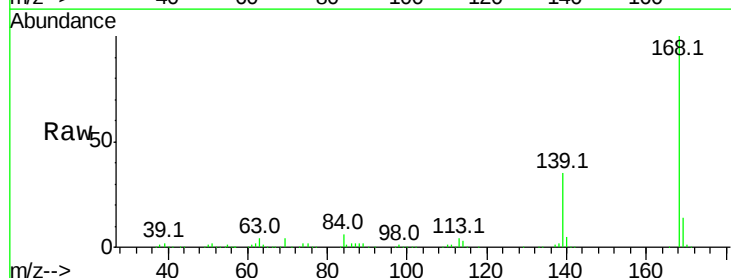
SOHIL

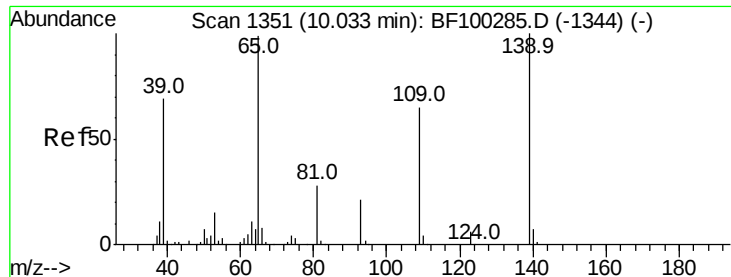
11/20/2017 2:51:19 PM



#54
Dibenzofuran
Concen: 31.419 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion:168 Resp: 550150
Ion Ratio Lower Upper
168 100
139 35.0 30.1 45.1
169 14.0 10.9 16.3





#55
4-Nitrophenol
Concen: 55.762 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

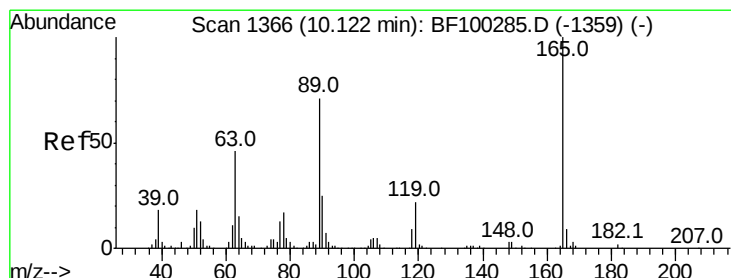
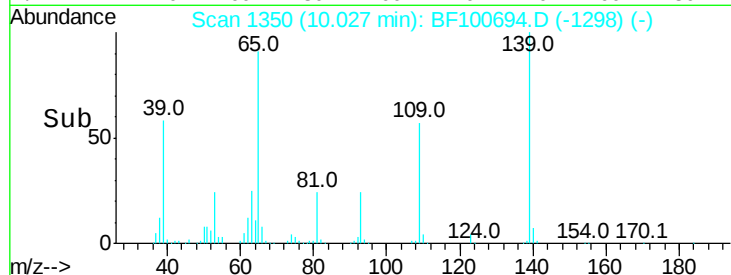
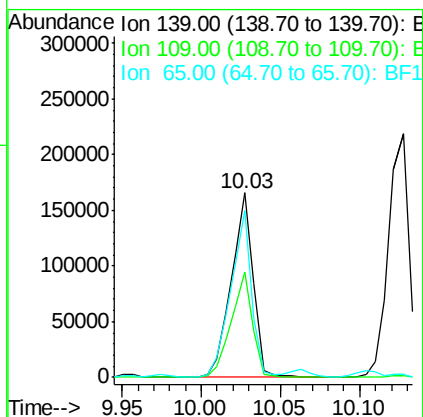
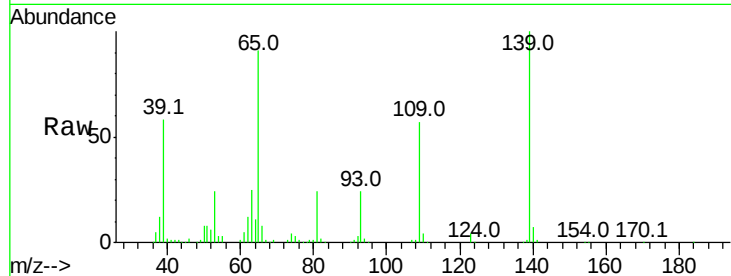
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	57.2	48.4	88.4
65	90.7	72.6	112.6

Manual Integrations
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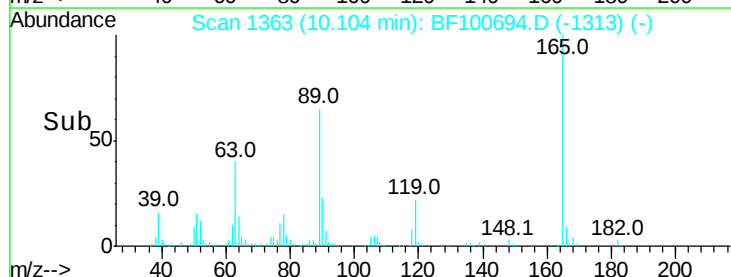
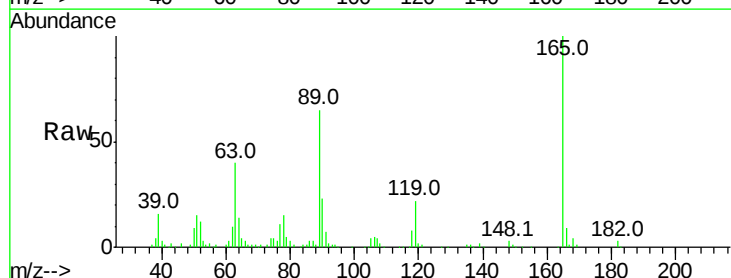
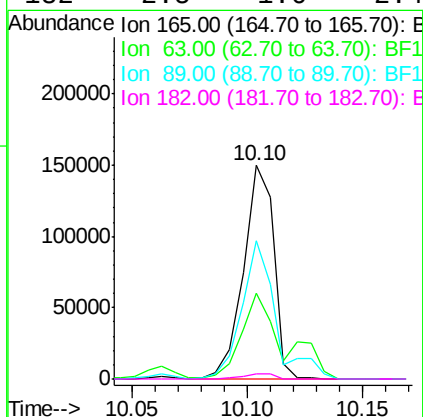
SOHIL

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#56
2,4-Dinitrotoluene
Concen: 36.544 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.1	36.4	54.6
89	64.7	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 32.498 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MS

Tot Ion:166 Resp: 416860

Ion Ratio Lower Upper

166 100

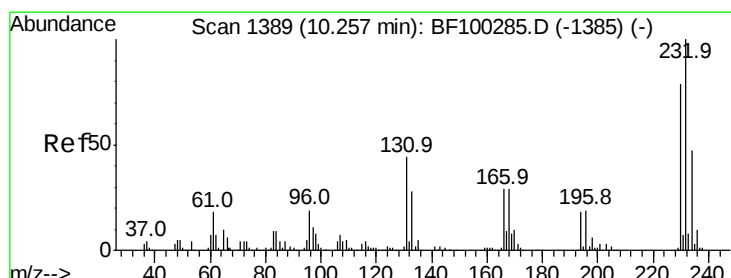
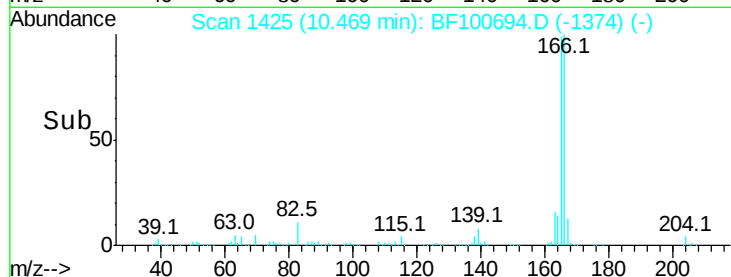
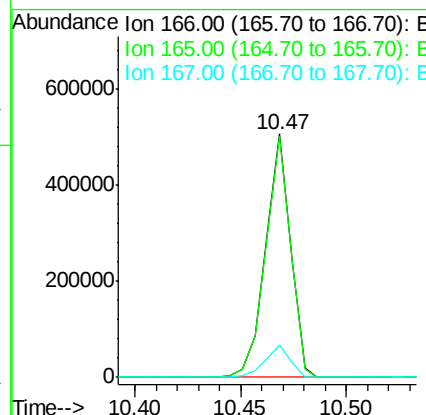
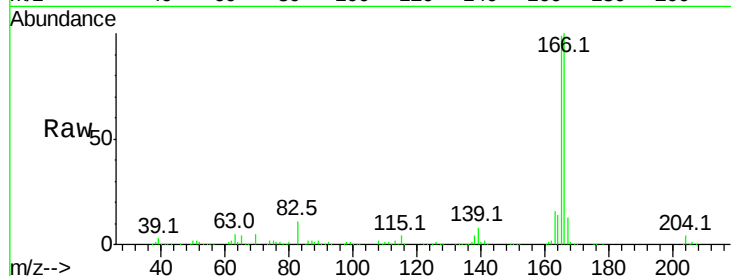
165 99.1 79.8 119.8

167 13.3 10.6 16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 33.030 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion:232 Resp: 116461

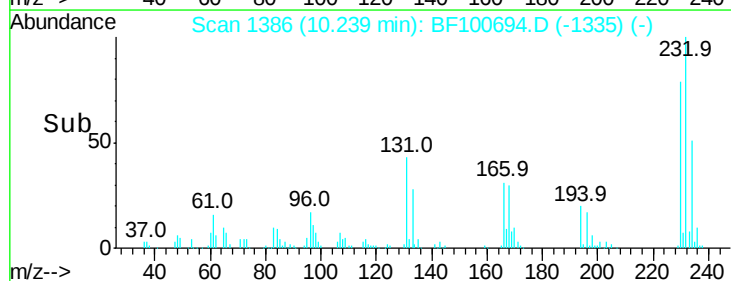
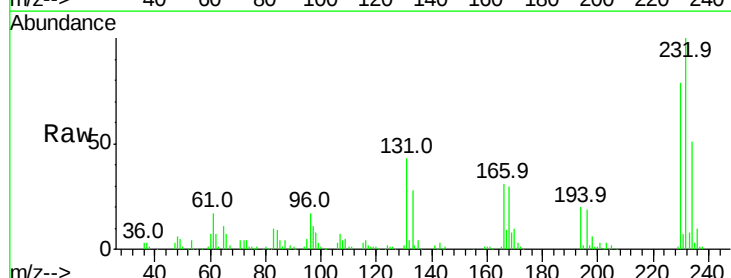
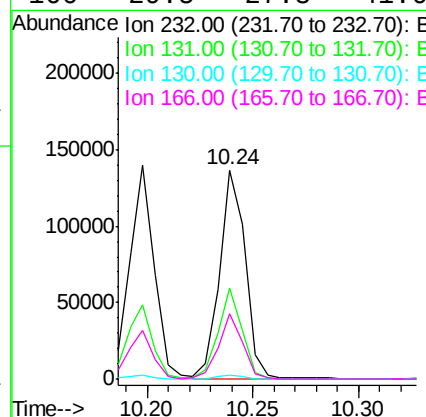
Ion Ratio Lower Upper

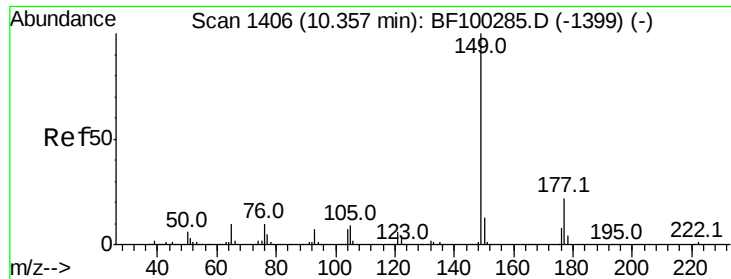
232 100

131 40.2 43.8 65.8#

130 1.7 2.1 3.1#

166 29.5 27.8 41.6





#59
Diethylphthalate
Concen: 30.777 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

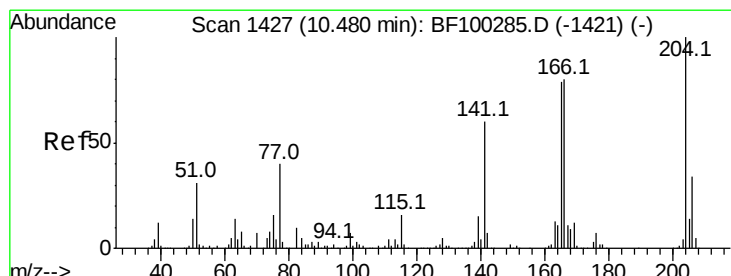
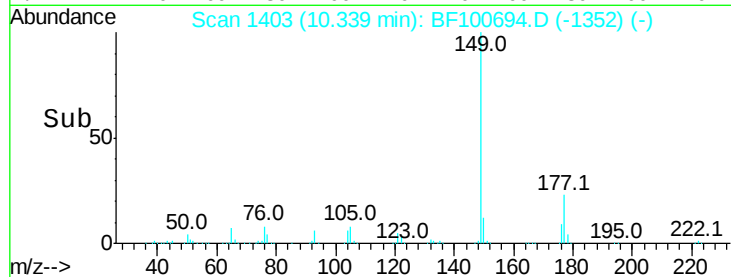
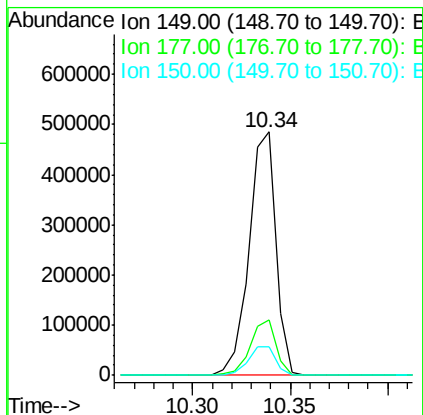
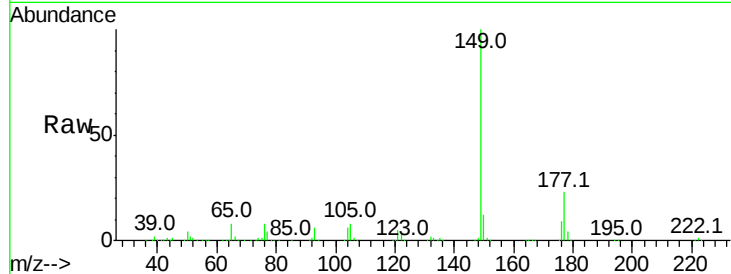
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion:	149	Resp:	464554
Ion Ratio	Lower	Upper	
149	100		
177	22.8	16.1	24.1
150	11.9	10.1	15.1

Manual Integrations
APPROVED

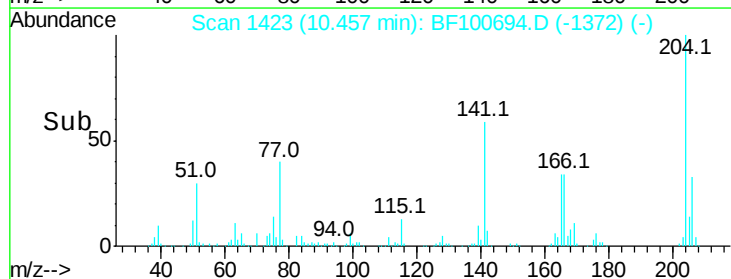
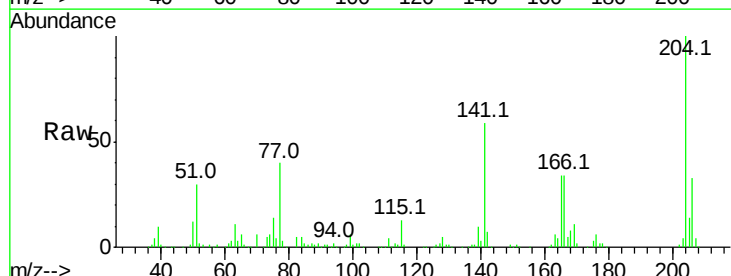
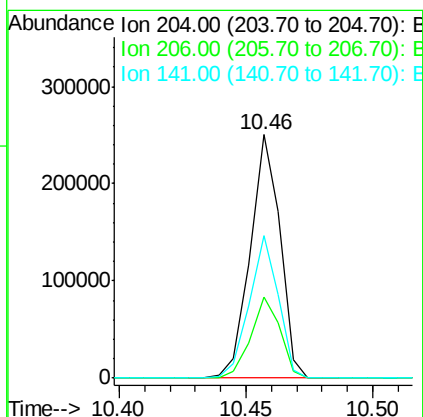
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#60
4-Chlorophenyl-phenylether
Concen: 32.683 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion:	204	Resp:	205661
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	58.6	54.6	81.8





#61

4-Nitroaniline

Concen: 29.278 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampled :

LEW-1-E(7-8)MS

Tot Ion:138 Resp: 97877

Ion Ratio Lower Upper

138 100

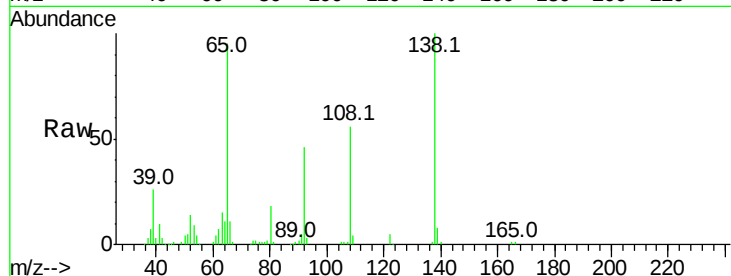
92 45.6 30.2 70.2

108 56.0 52.5 92.5

Manual Integrations
APPROVED

SOHIL

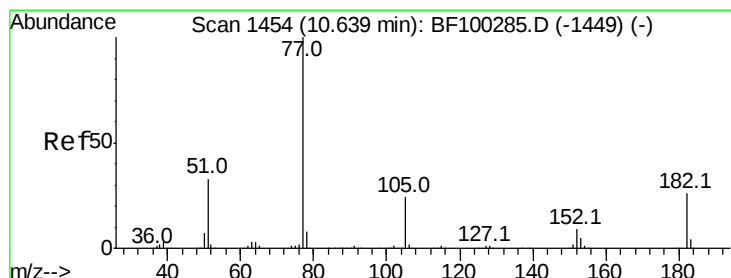
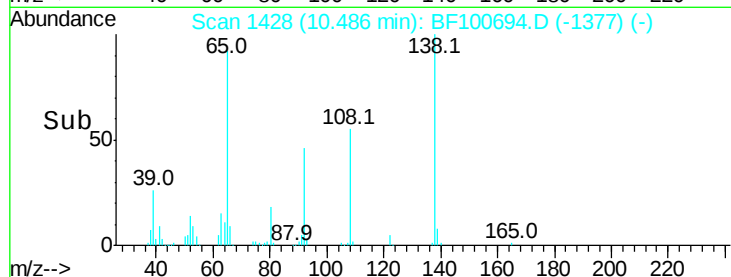
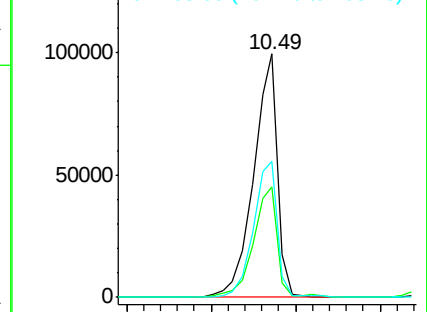
11/20/2017 2:51:19 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 28.778 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion: 77 Resp: 409115

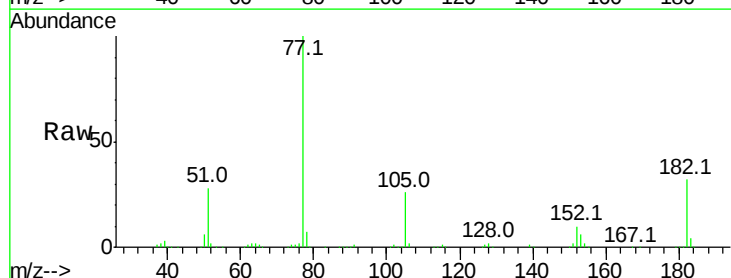
Ion Ratio Lower Upper

77 100

182 32.3 1.7 41.7

105 25.8 3.0 43.0

51 28.3 9.9 49.9

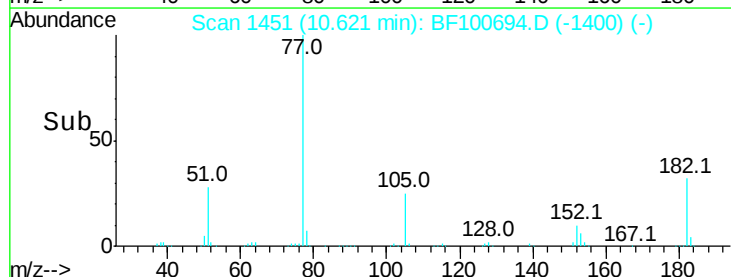
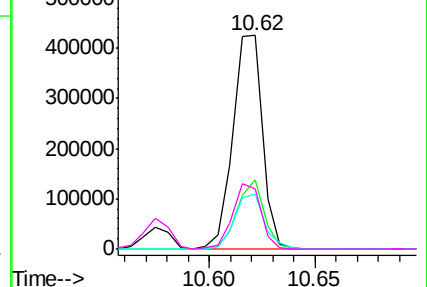


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

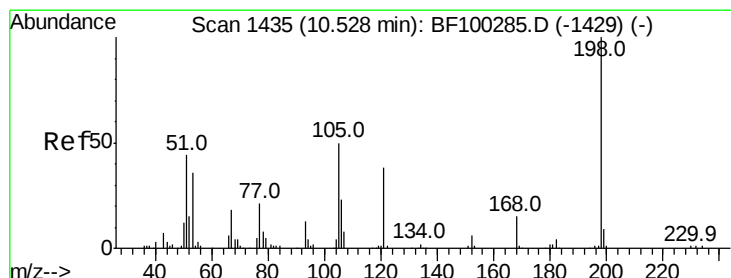
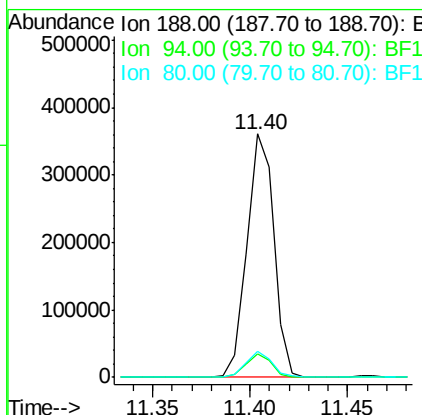
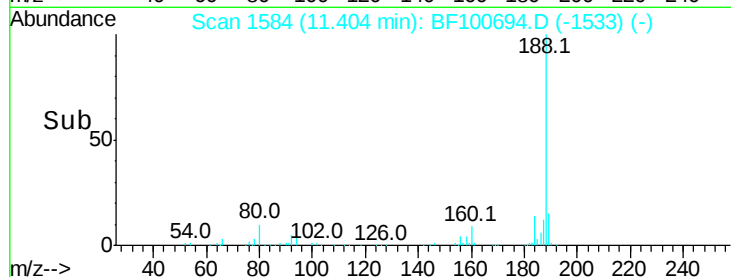
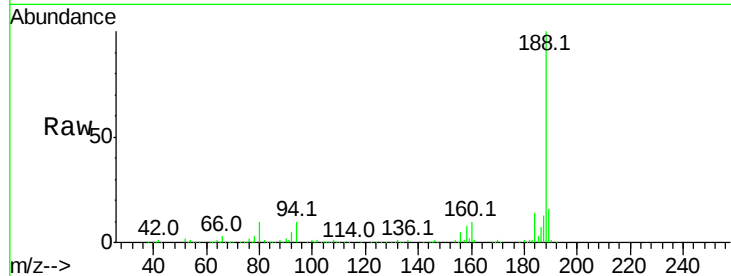
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion:188	Resp: 345361
Ion Ratio Lower Upper	
188 100	
94 9.8	8.5 12.7
80 10.4	9.2 13.8

Manual Integrations
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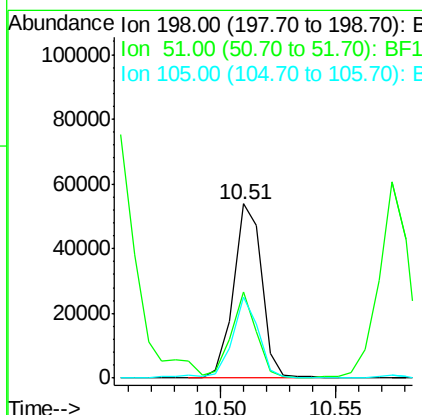
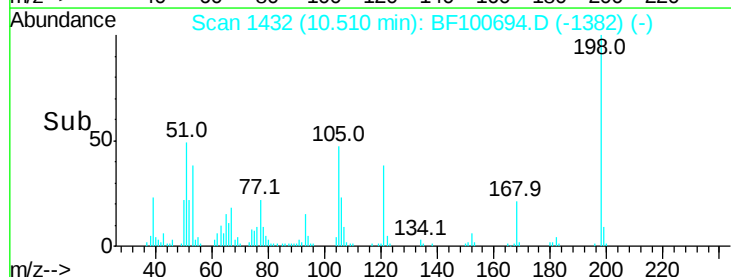
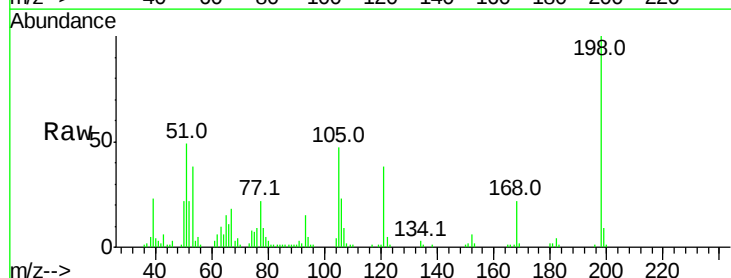
SOHIL

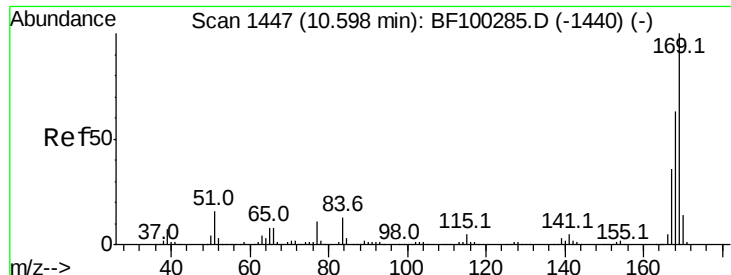
11/20/2017 2:51:19 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.253 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion:198	Resp: 46028
Ion Ratio Lower Upper	
198 100	
51 49.4	37.7 77.7
105 46.7	36.3 76.3





#65
n-Nitrosodiphenylamine
Concen: 33.273 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

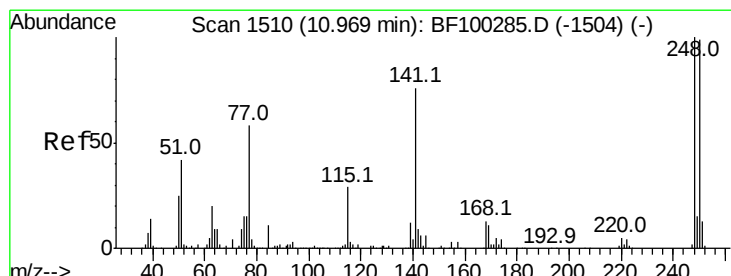
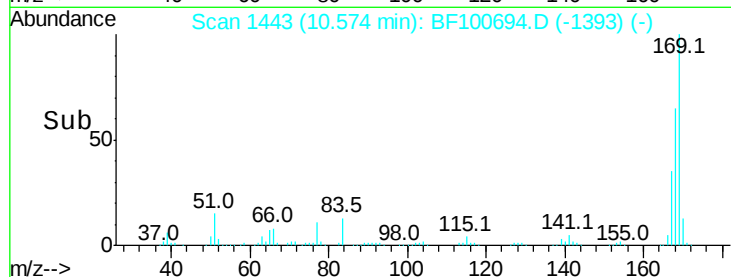
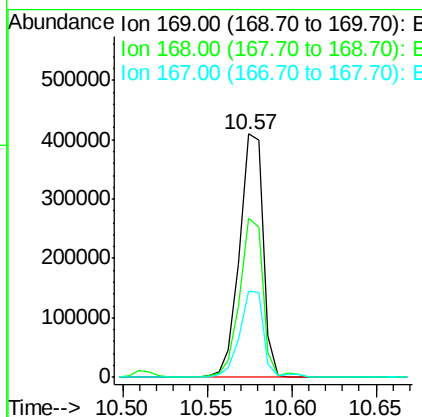
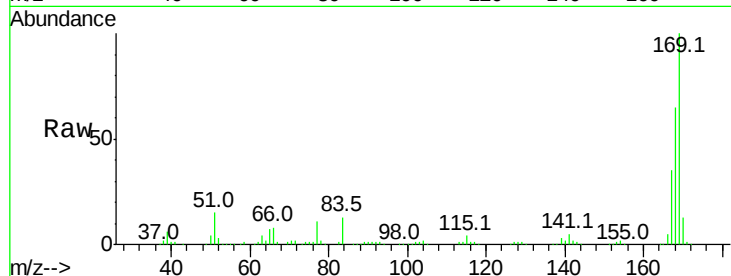
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.1	54.4	81.6	
167	35.3	29.8	44.6	

Manual Integrations
APPROVED

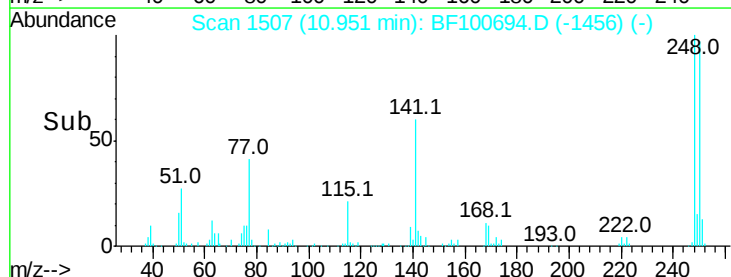
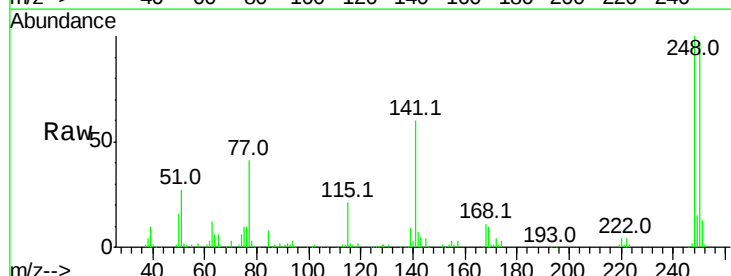
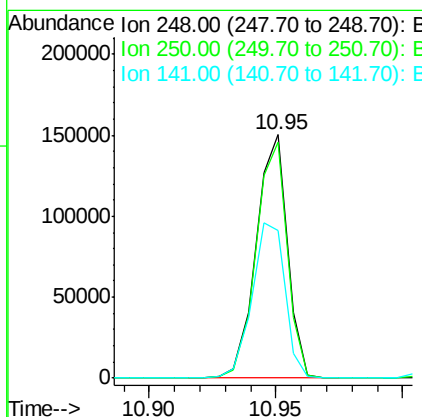
SOHIL

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#66
4-Bromophenyl-phenylether
Concen: 35.049 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.9	76.9	115.3	
141	60.4	74.4	111.6	





#67

Hexachlorobenzene

Concen: 33.054 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

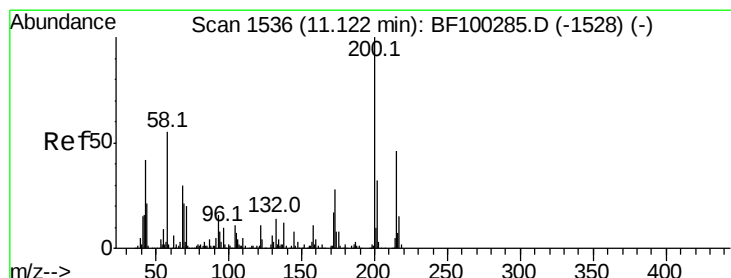
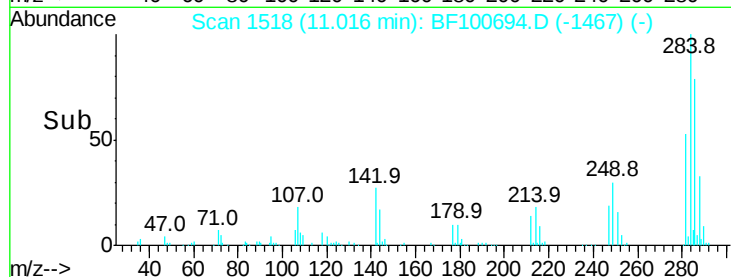
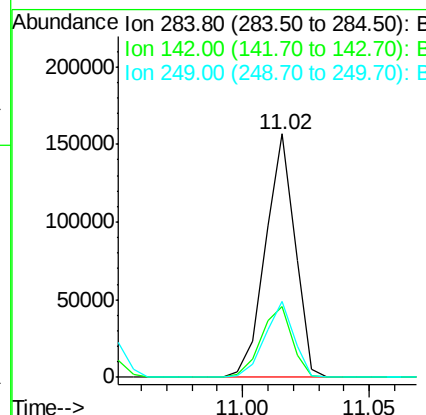
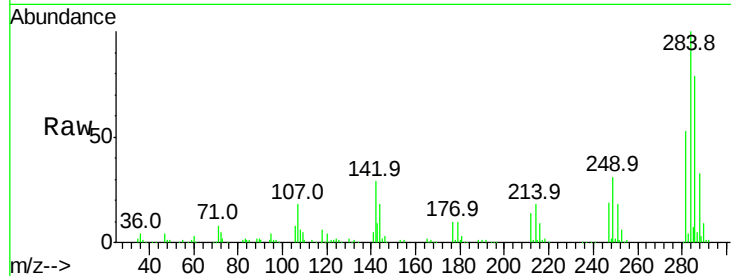
LEW-1-E(7-8)MS

Tot Ion:	284	Resp:	127986
Ion Ratio	Lower	Upper	
284	100		
142	29.0	34.6	52.0#
249	31.4	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 32.926 ng

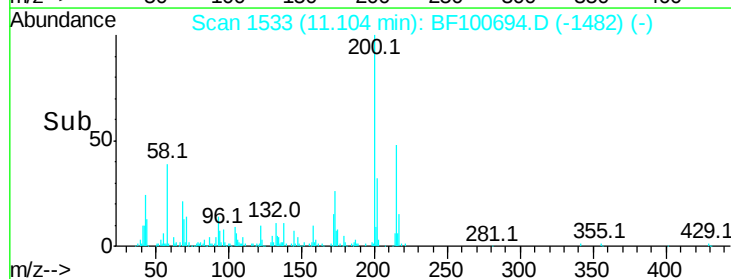
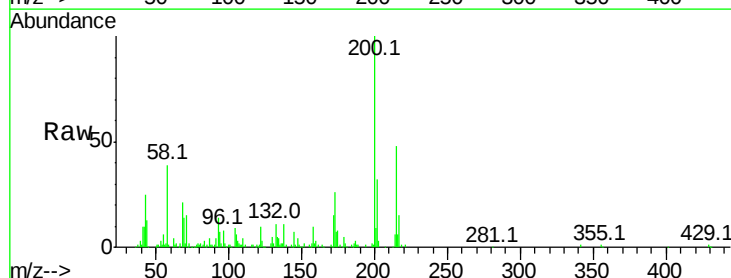
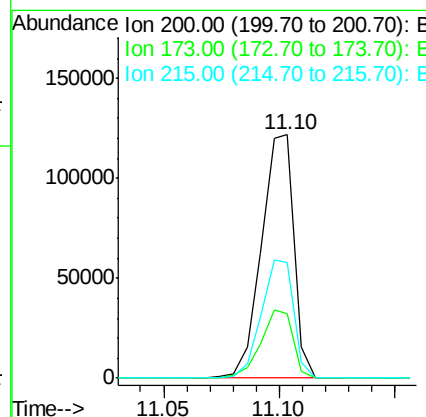
RT: 11.10 min Scan# 1533

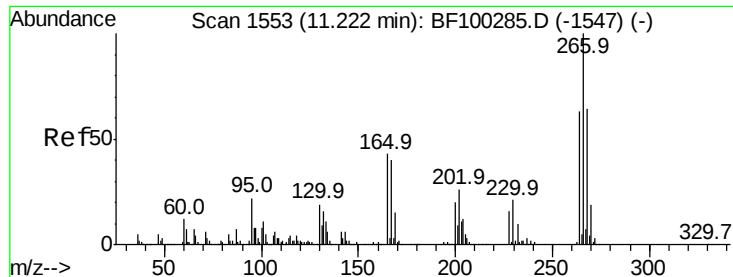
Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion:	200	Resp:	119688
Ion Ratio	Lower	Upper	
200	100		
173	26.3	8.6	48.6
215	47.6	25.1	65.1





#69
 Pentachlorophenol
 Concen: 47.780 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

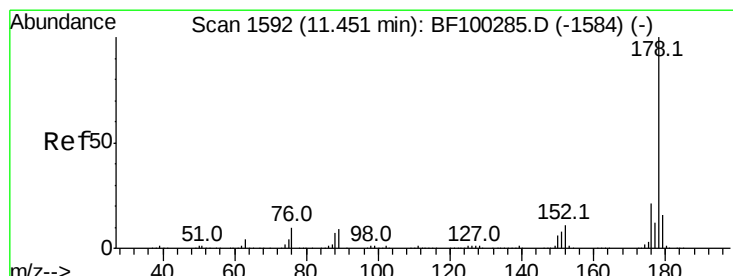
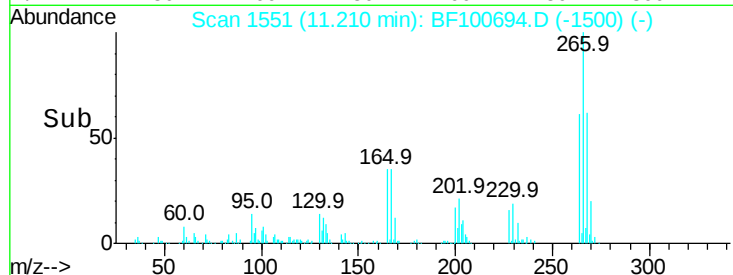
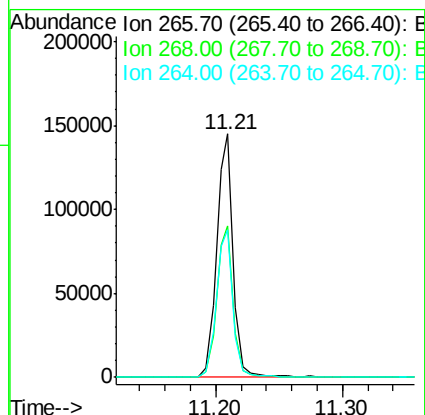
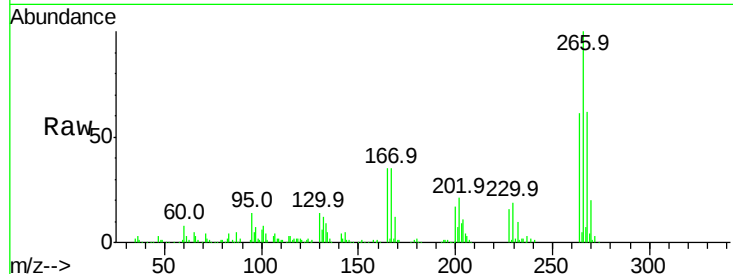
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion:	266	Resp:	132662
Ion Ratio	Lower	Upper	
266	100		
268	62.4	51.1	76.7
264	60.6	49.5	74.3

Manual Integrations
 APPROVED

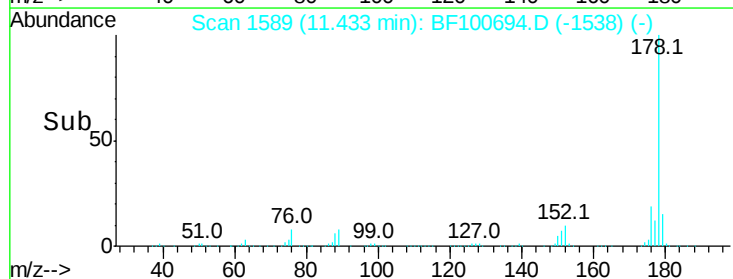
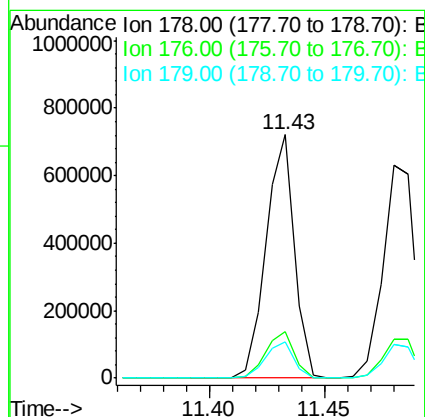
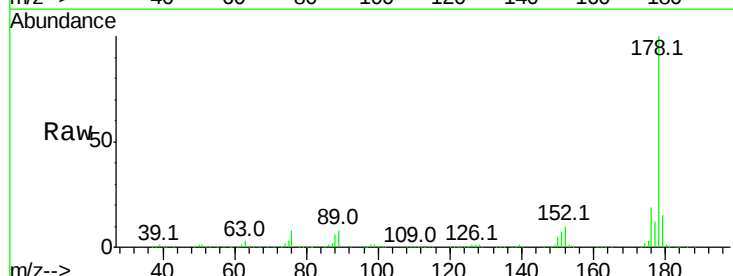
SOHIL

11/20/2017 2:51:19 PM



#70
 Phenanthrene
 Concen: 33.880 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion:	178	Resp:	616059
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.8	23.8
179	15.1	13.0	19.6





#71
 Anthracene
 Concen: 32.191 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

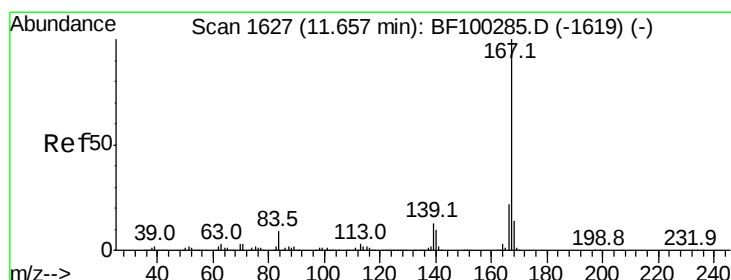
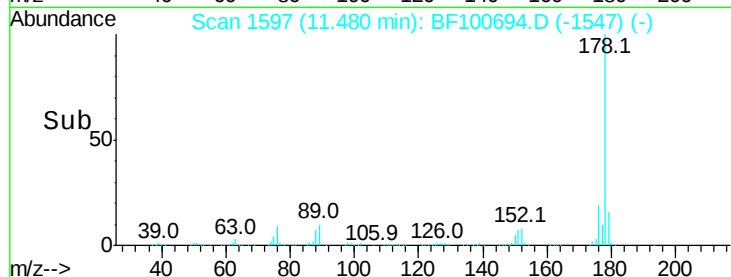
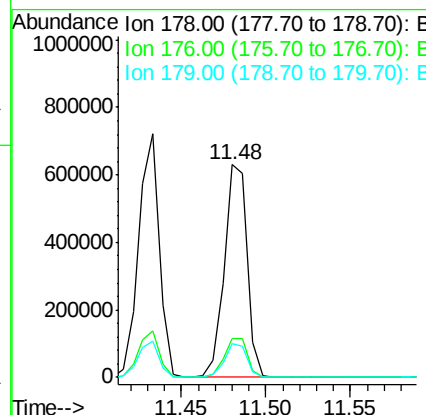
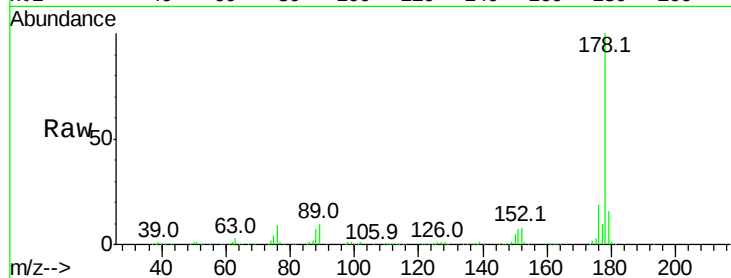
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.6	12.6	19.0

Manual Integrations
 APPROVED

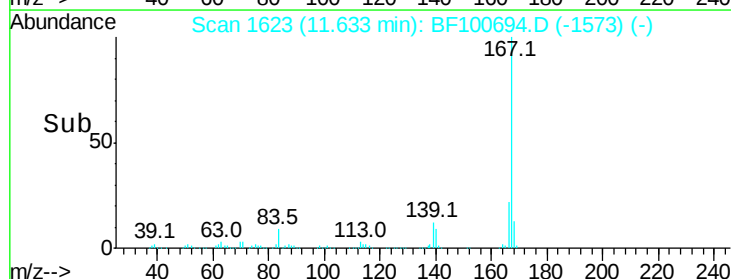
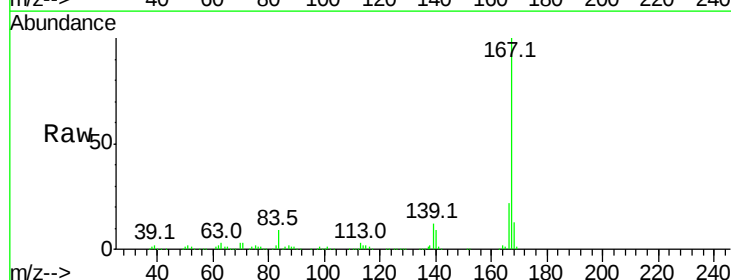
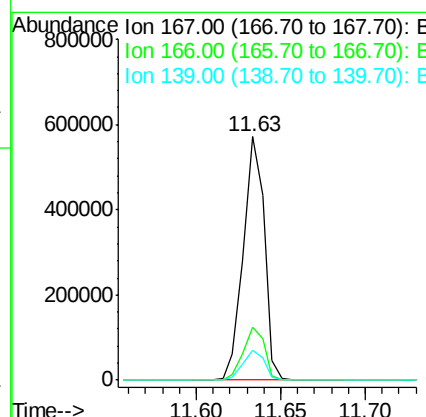
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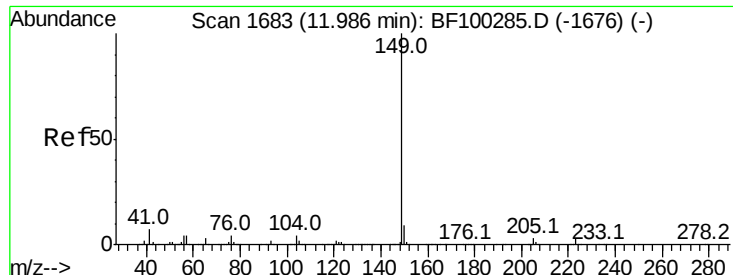
11/20/2017 2:51:19 PM



#72
 Carbazole
 Concen: 29.088 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 32.755 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

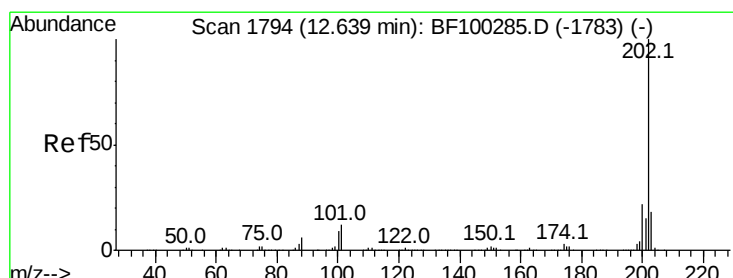
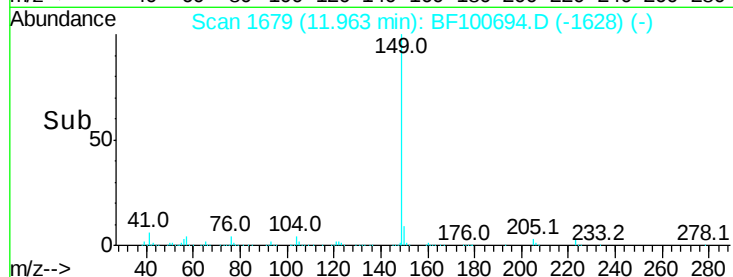
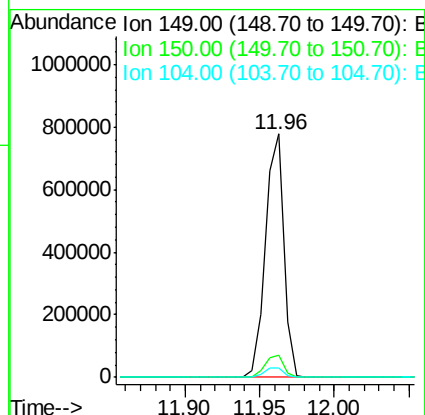
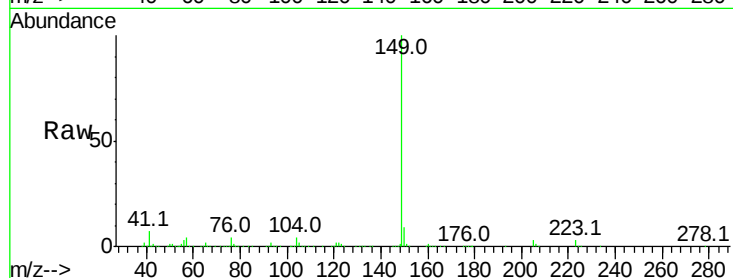
LEW-1-E(7-8)MS

Tot Ion:	149	Resp:	652480
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 28.752 ng

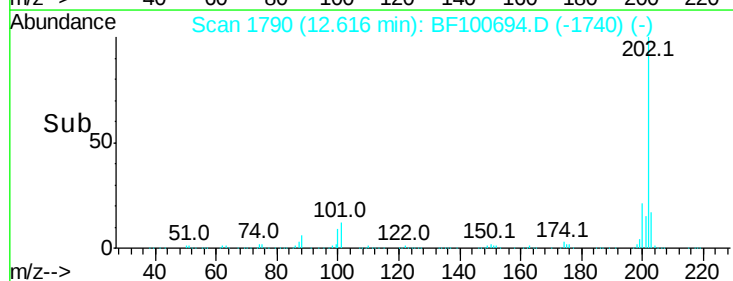
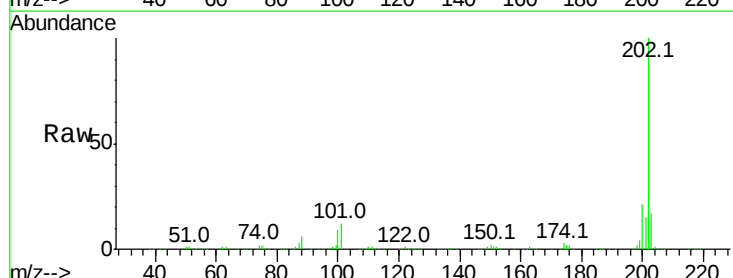
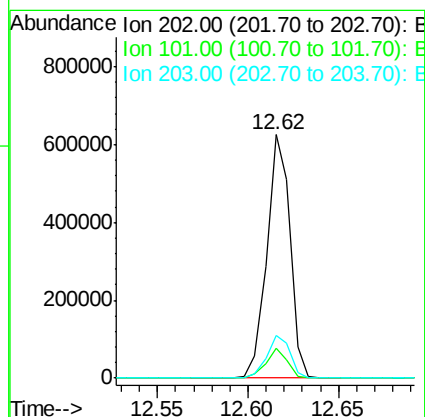
RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion:	202	Resp:	554083
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

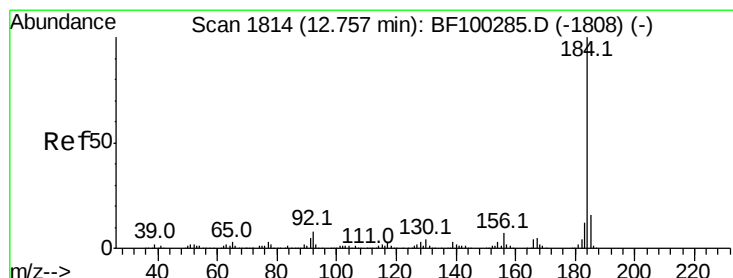
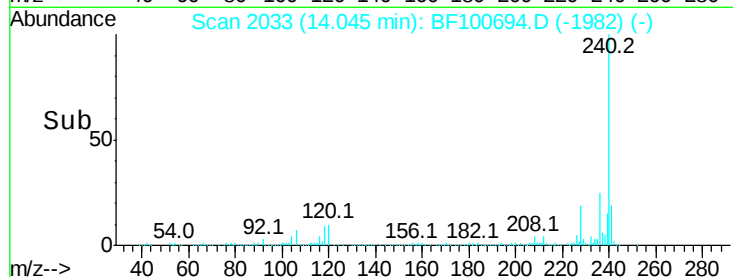
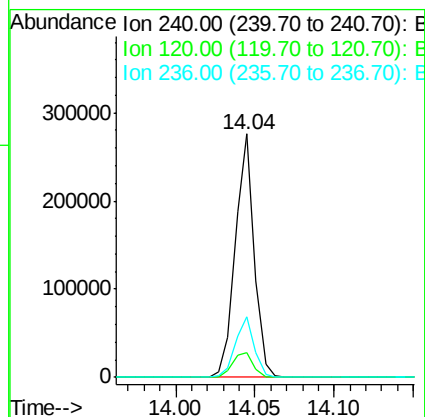
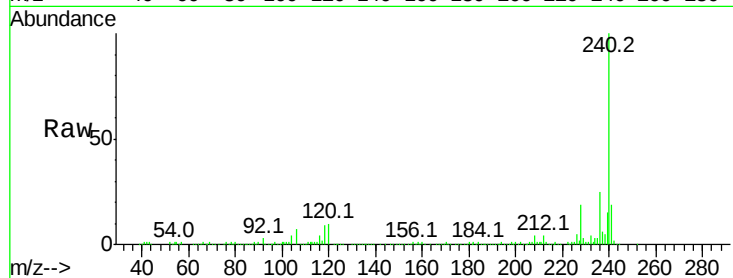
LEW-1-E(7-8)MS

Tot Ion:	240	Resp:	227856
Ion Ratio	Lower	Upper	
240	100		
120	10.2	9.5	14.3
236	25.1	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 20.687 ng

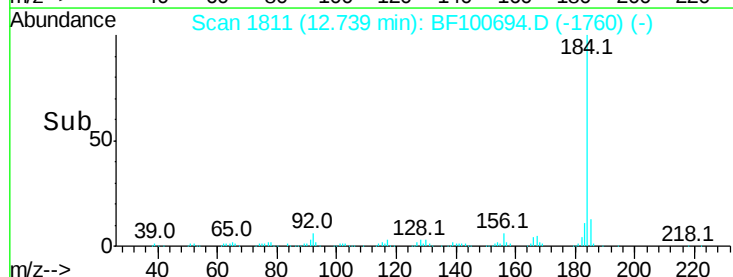
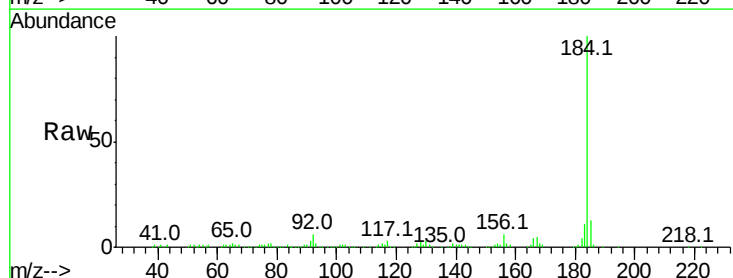
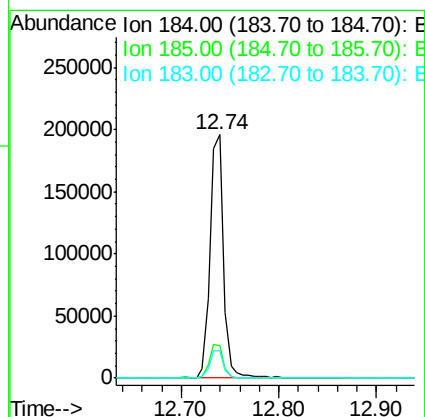
RT: 12.74 min Scan# 1811

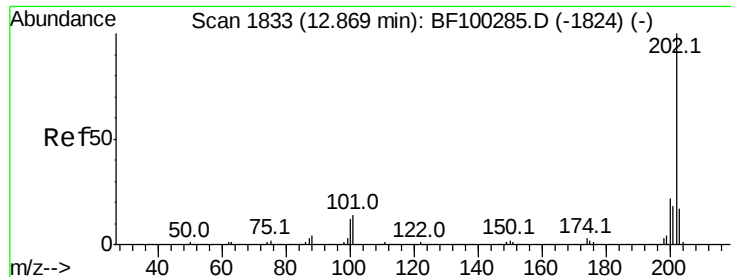
Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion:	184	Resp:	188773
Ion Ratio	Lower	Upper	
184	100		
185	13.4	12.6	18.8
183	11.2	9.3	13.9





#77

Pvrene

Concen: 34.958 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

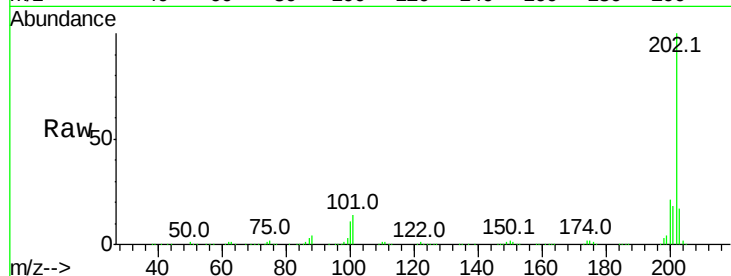
LEW-1-E(7-8)MS

Tot Ion:	202	Resp:	567811
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5

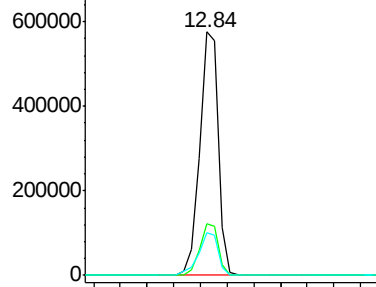
Manual Integrations
APPROVED

SOHIL

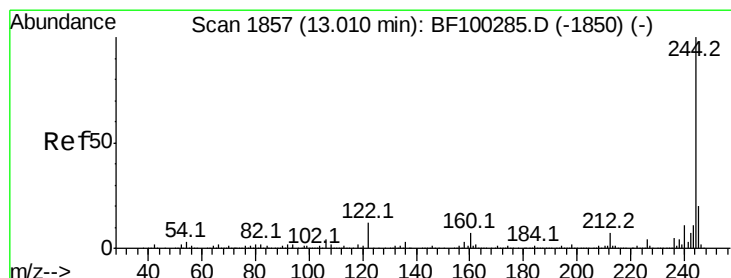
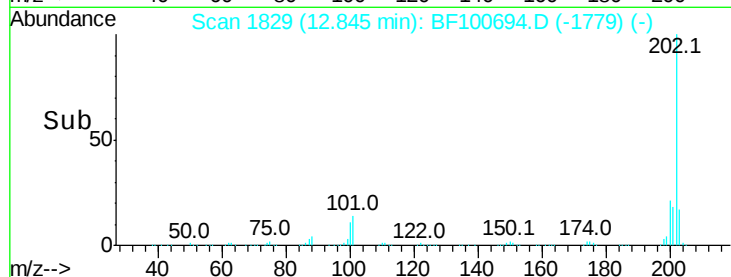
11/20/2017 2:51:19 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 58.766 ng

RT: 12.99 min Scan# 1853

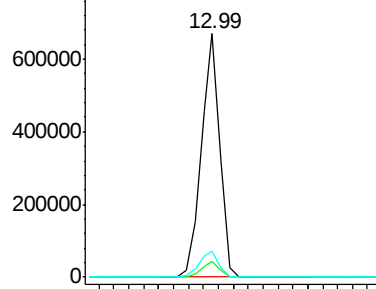
Delta R.T. -0.00 min

Lab File: BF100694.D

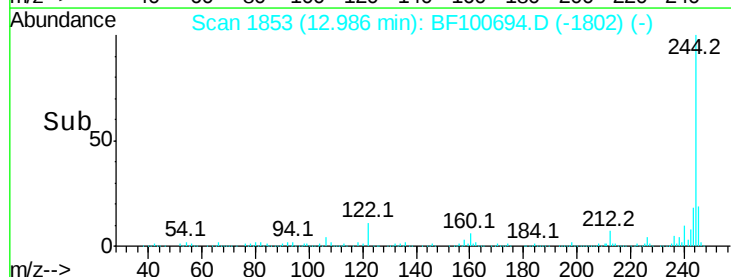
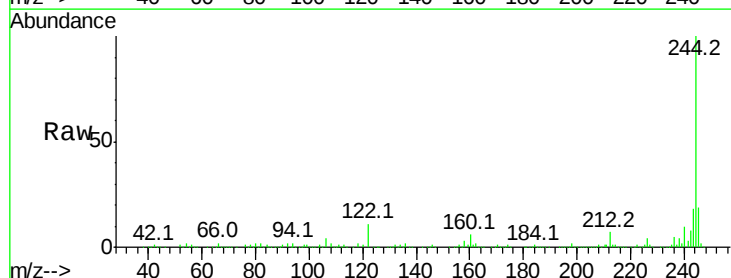
Acq: 18 Nov 2017 00:38

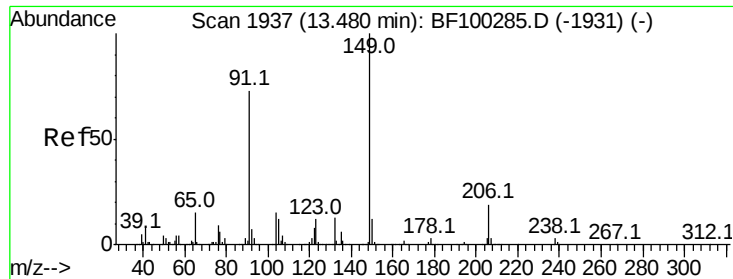
Tgt Ion:	244	Resp:	582765
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	10.9	11.0	16.4#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#79
Butylbenzylphthalate
Concen: 32.358 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

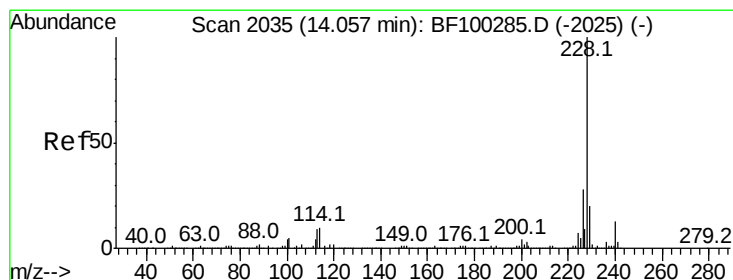
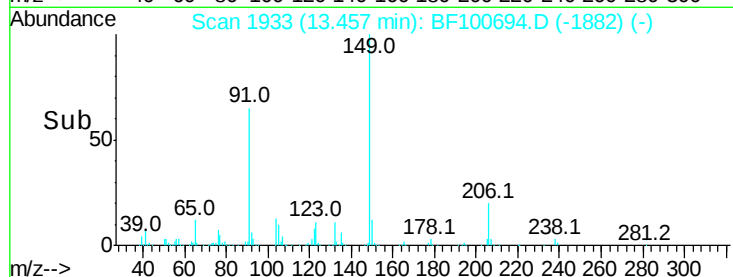
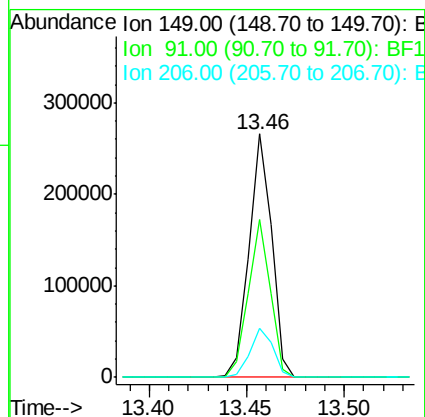
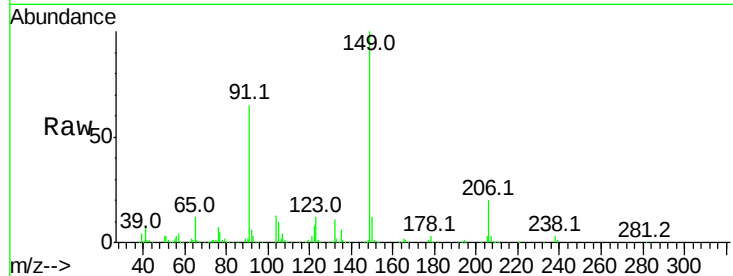
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.9	56.8	85.2
206	19.9	14.1	21.1

Manual Integrations
APPROVED

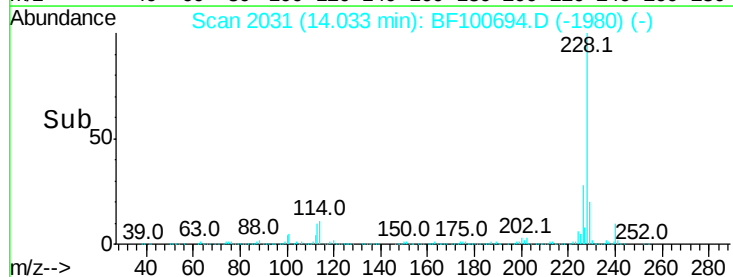
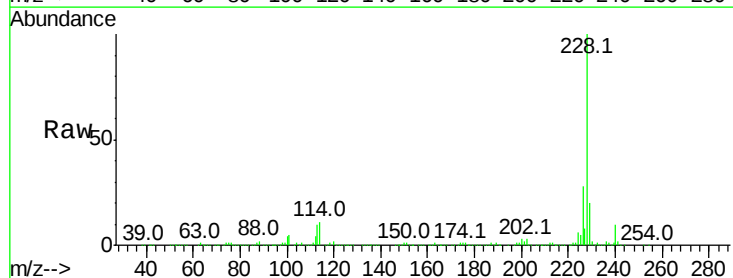
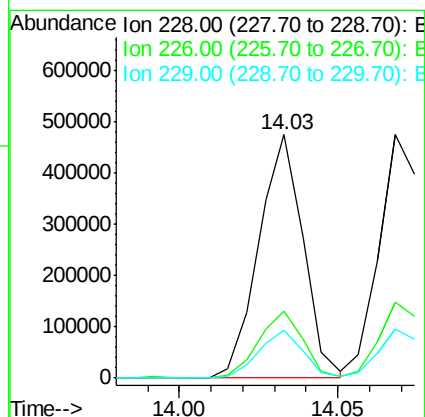
SOHIL

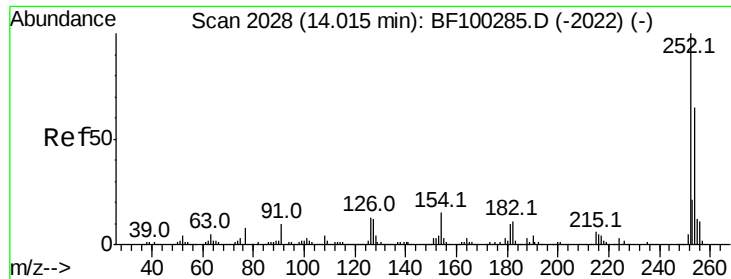
11/20/2017 2:51:19 PM



#80
Benzo(a)anthracene
Concen: 33.597 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.7	15.8	23.6





#81
 3,3'-Dichlorobenzidine
 Concen: 27.764 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

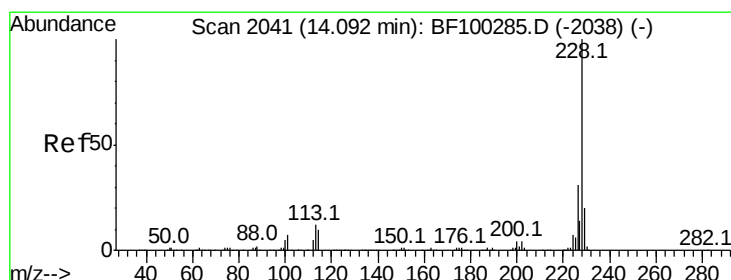
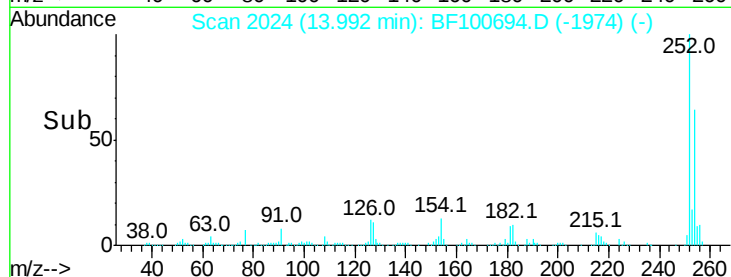
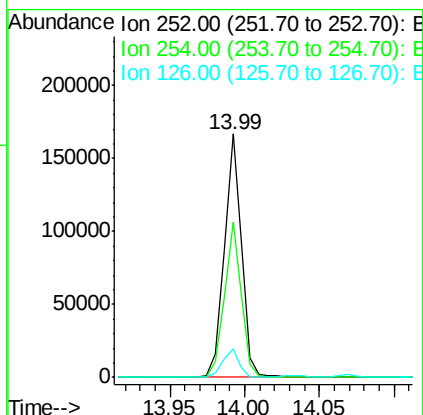
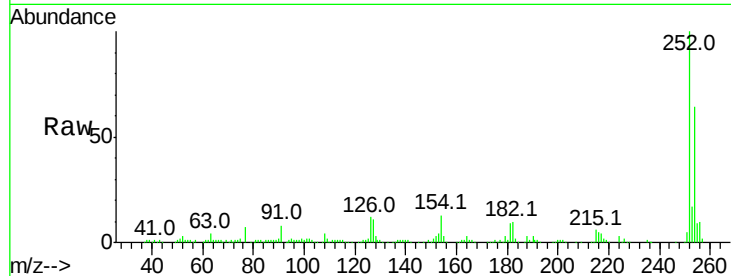
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	136493		
254	63.7	50.4	75.6	
126	11.6	11.3	16.9	

Manual Integrations
 APPROVED

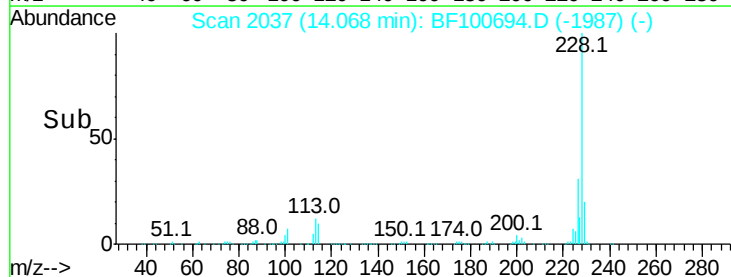
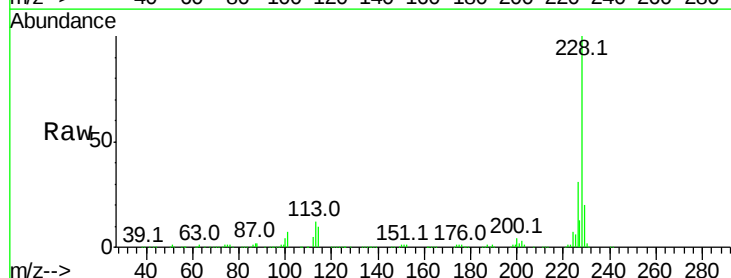
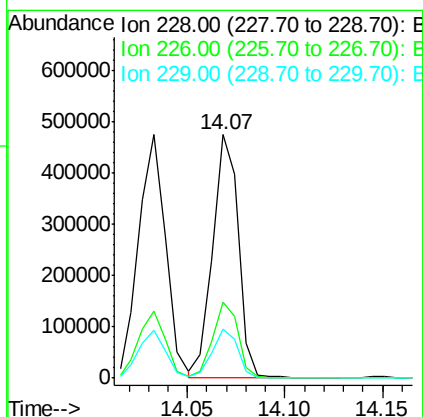
SOHIL

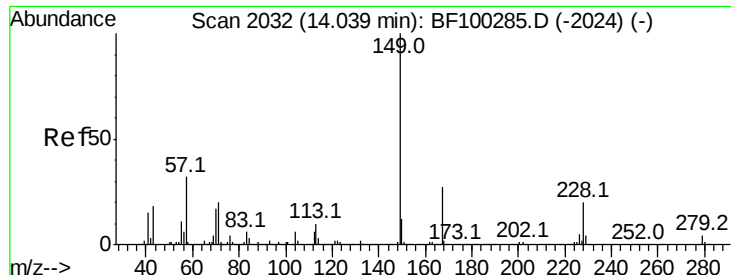
11/20/2017 2:51:19 PM



#82
 Chrysene
 Concen: 32.424 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	430826		
226	31.0	25.0	37.6	
229	20.4	16.2	24.4	





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.097 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

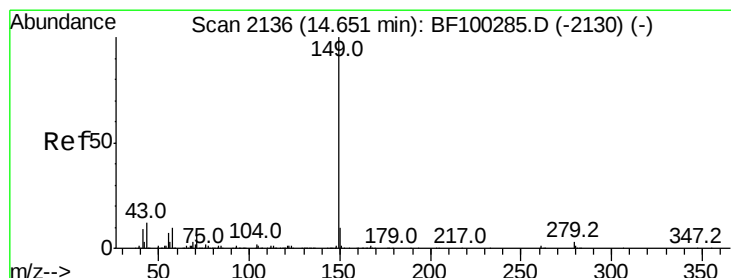
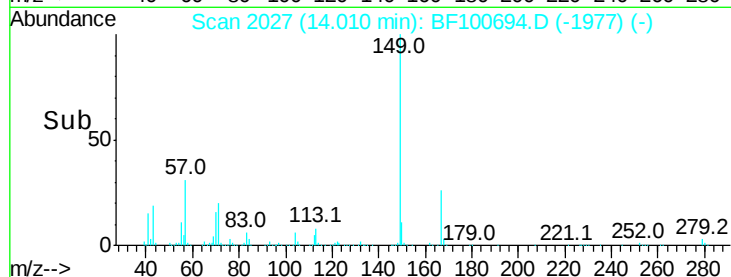
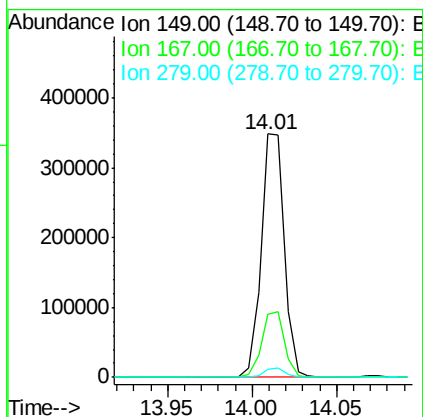
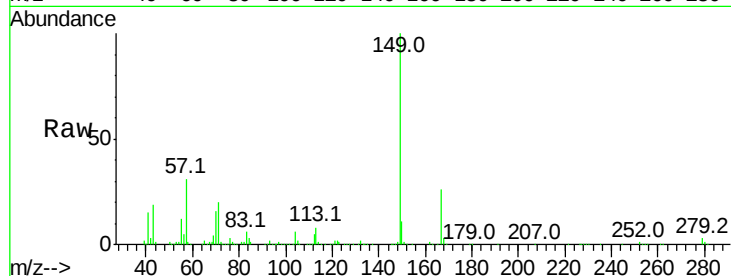
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.3	3.0	4.4

Manual Integrations
 APPROVED

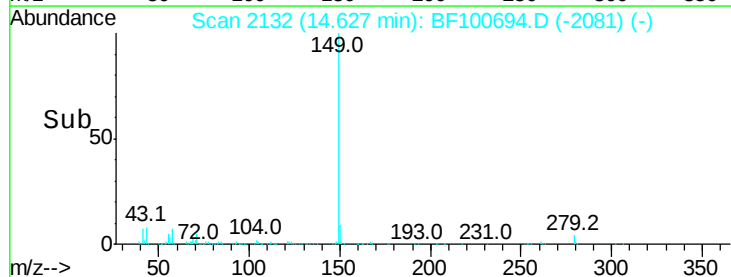
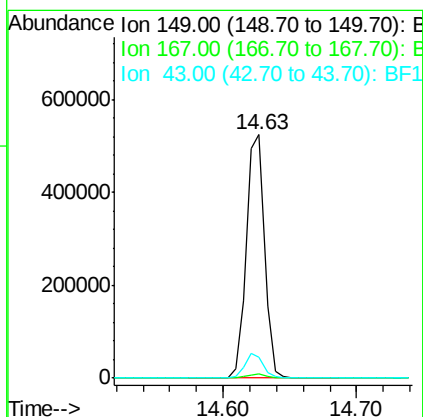
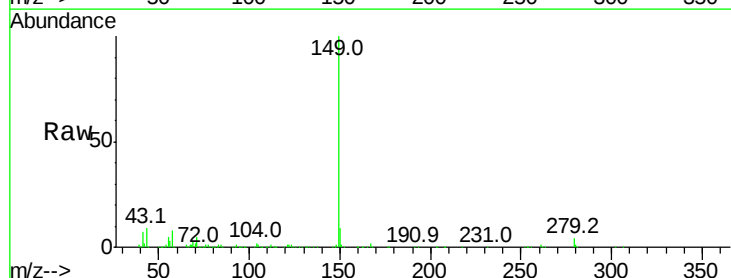
SOHIL

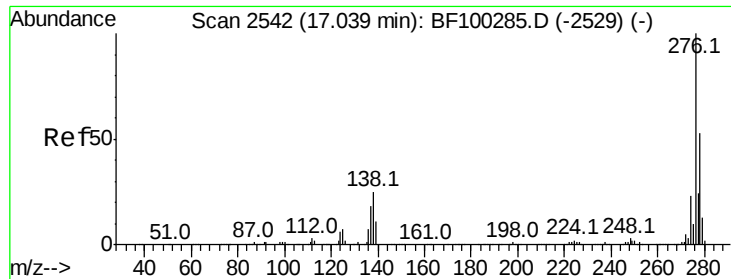
11/20/2017 2:51:19 PM



#84
 Di-n-octyl phthalate
 Concen: 32.697 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.4	12.6





#85
Indeno(1,2,3-cd)pyrene
Concen: 37.961 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

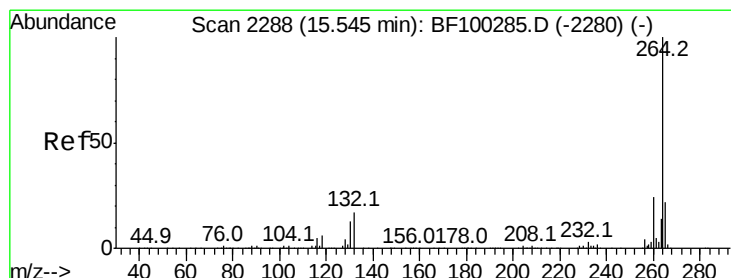
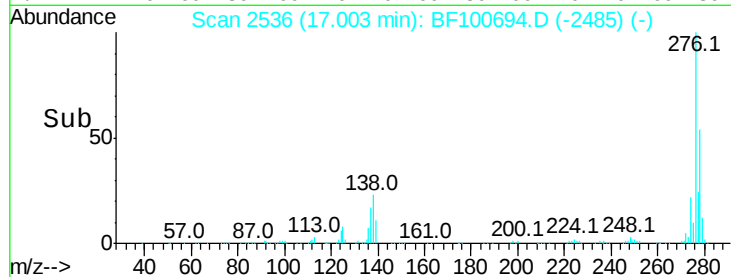
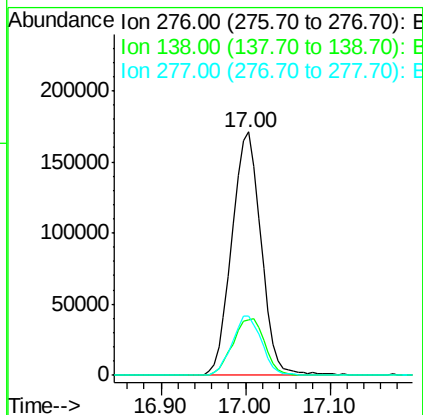
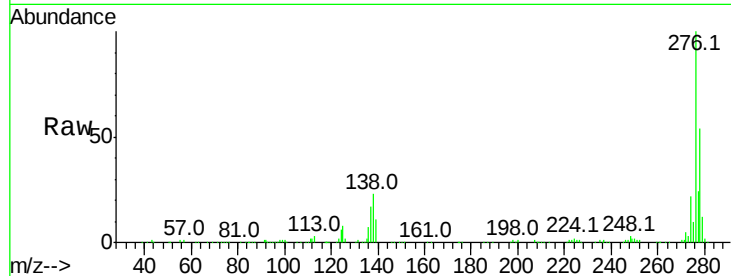
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	24.9	20.1	30.1

Manual Integrations
APPROVED

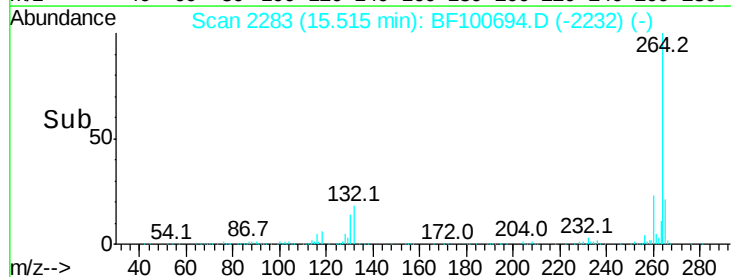
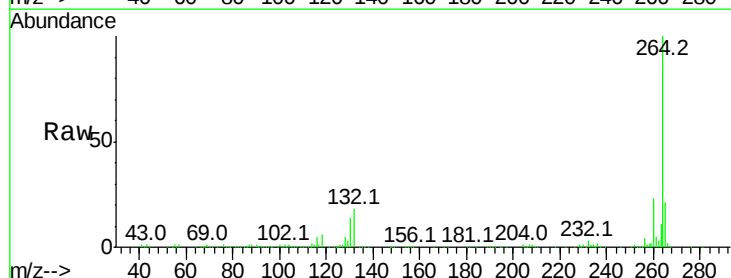
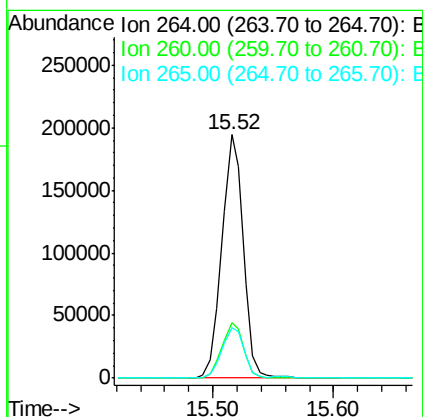
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 31.201 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Instrument :

BNA_F

ClientSampleId :

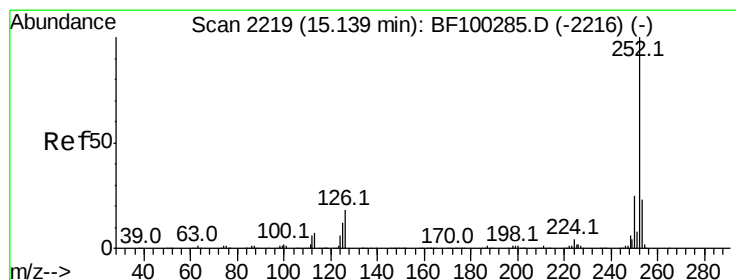
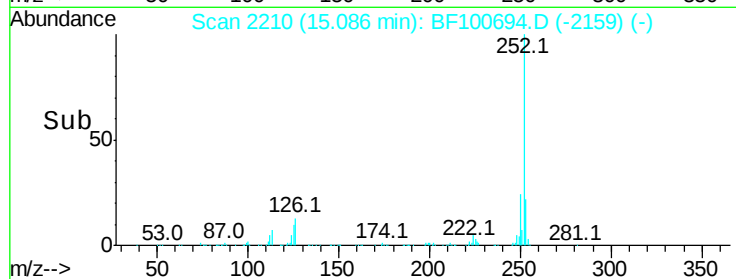
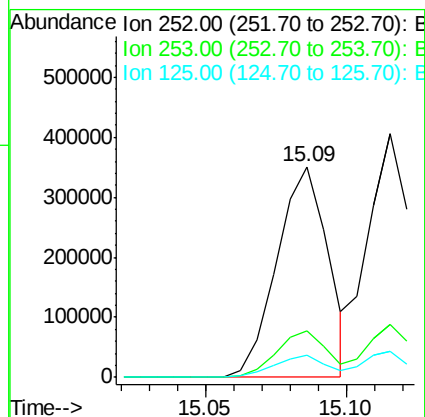
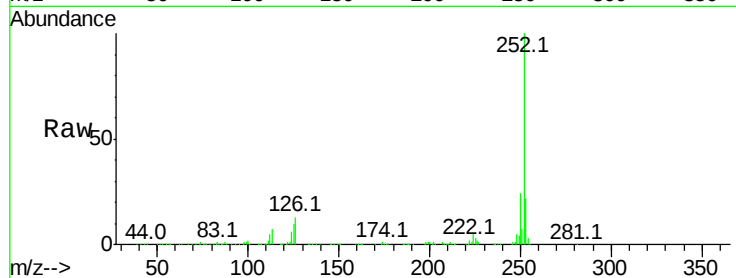
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.4	9.0	13.6

Manual Integrations
APPROVED

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#88

Benzo(k)fluoranthene

Concen: 31.384 ng

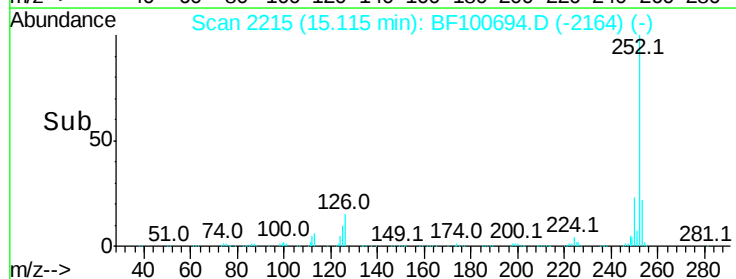
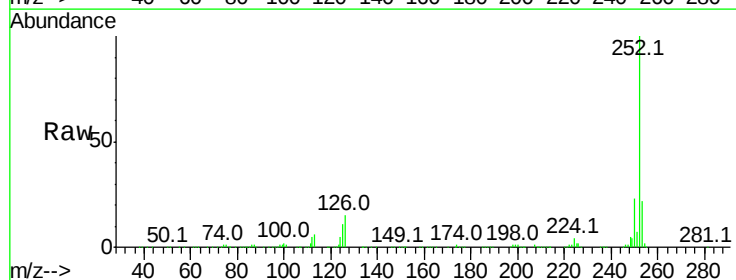
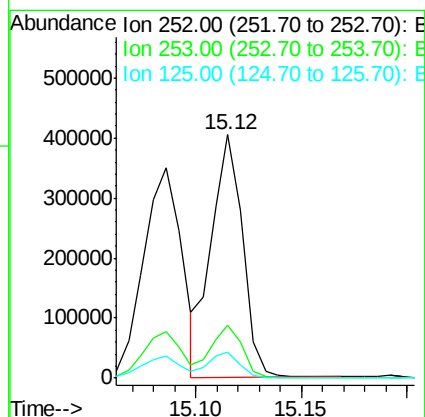
RT: 15.12 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF100694.D

Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.6	10.2	15.2





#89
Benzo(a)pyrene
Concen: 33.514 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

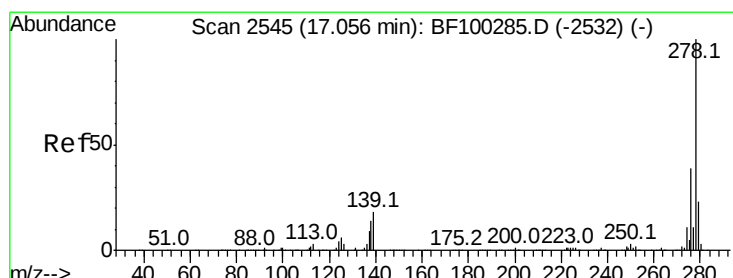
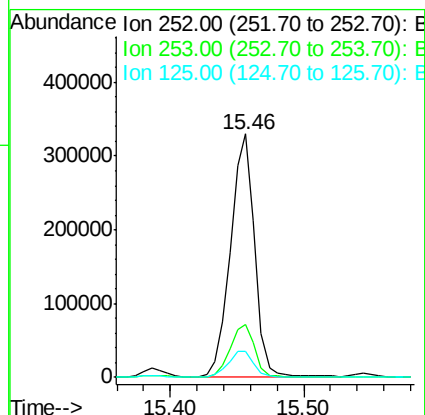
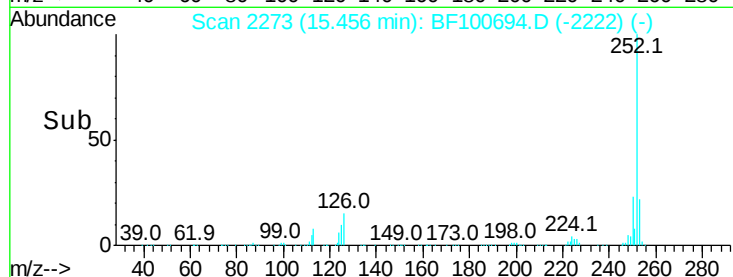
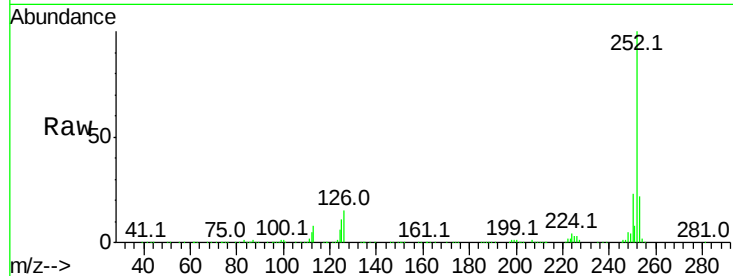
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.5	9.8	14.6

Manual Integrations
APPROVED

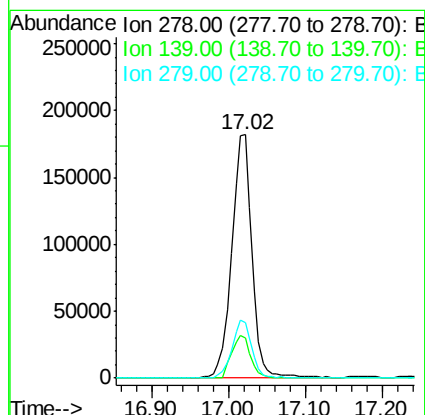
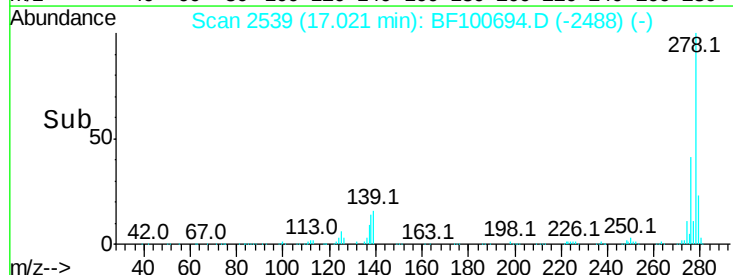
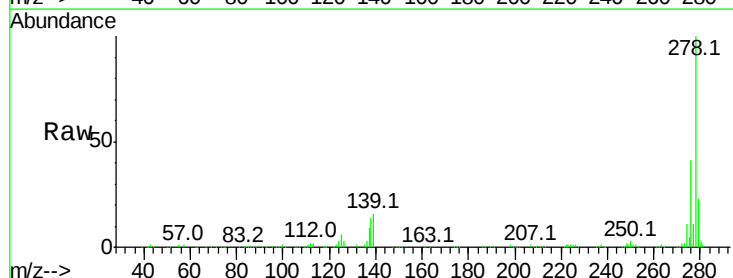
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#90
Dibenzo(a,h)anthracene
Concen: 32.959 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF100694.D
Acq: 18 Nov 2017 00:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	22.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 32.028 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF100694.D
 Acq: 18 Nov 2017 00:38

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

Tot Ion:	276	Resp:	320251
Ion Ratio		Lower	Upper
276	100		
277	23.2	17.9	26.9
138	22.4	21.8	32.8

Manual Integrations
 APPROVED

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