

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108209.D
 Acq On : 16 Aug 2018 21:46
 Operator : JU/SJ
 Sample : J4499-09MSD 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Manual Integrations
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 8/17/2018 3:30:57 PM

Quant Time: Aug 17 04:43:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	169642	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	627211	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	266185	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	447856	20.00	ng	0.00
75) Chrysene-d12	14.21	240	422183	20.00	ng	0.00
86) Perylene-d12	15.78	264	288836	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	326867	34.88	ng	0.00
7) Phenol-d6	6.63	99	434616	34.90	ng	0.00
23) Nitrobenzene-d5	7.57	82	279058	24.83	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	84343	31.77	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	475277	28.67	ng	0.00
78) Terphenyl-d14	13.14	244	414545	24.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	46212	9.598	ng	93
3) Pyridine	3.69	79	125407	10.111	ng	91
4) n-Nitrosodimethylamine	3.63	42	71535	10.250	ng	84
6) Aniline	6.68	93	142127	8.392	ng	99
8) 2-Chlorophenol	6.80	128	134614	12.756	ng	98
9) Benzaldehyde	6.57	77	76351	7.909	ng	94
10) Phenol	6.64	94	162735	12.635	ng	94
11) bis(2-Chloroethyl)ether	6.74	93	130573	12.540	ng	93
12) 1,3-Dichlorobenzene	6.96	146	149337	12.238	ng	98
13) 1,4-Dichlorobenzene	7.03	146	150336	12.262	ng	99
14) 1,2-Dichlorobenzene	7.19	146	142675	12.511	ng	96
15) Benzyl Alcohol	7.15	79	122180	11.656	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	251175	11.709	ng	97
17) 2-Methylphenol	7.25	107	106236	11.739	ng	95
18) Hexachloroethane	7.53	117	47096	10.790	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	99327	11.796	ng	90
20) 3+4-Methylphenols	7.40	107	140048	12.076	ng	94
22) Acetophenone	7.42	105	193177	13.172	ng	# 94
24) Nitrobenzene	7.60	77	146320	12.873	ng	100
25) Isophorone	7.82	82	259812	12.127	ng	96
26) 2-Nitrophenol	7.91	139	56105	13.071	ng	95
27) 2,4-Dimethylphenol	7.94	122	113217	11.907	ng	94
28) bis(2-Chloroethoxy)methane	8.04	93	161033	12.876	ng	99
29) 2,4-Dichlorophenol	8.15	162	107479	12.283	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	121366	12.580	ng	96
31) Naphthalene	8.32	128	377356	13.229	ng	99
32) Benzoic acid	8.00	122	27182	10.288	ng	94
33) 4-Chloroaniline	8.37	127	122994	9.894	ng	100
34) Hexachlorobutadiene	8.43	225	79802	13.066	ng	99
35) Caprolactam	8.71	113	29059	10.597	ng	87
36) 4-Chloro-3-methylphenol	8.84	107	106429	11.274	ng	98
37) 2-Methylnaphthalene	9.01	142	251245	12.449	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	122547	14.992	ng	# 97
40) Hexachlorocyclopentadiene	9.16	237	13747	2.604	ng	96

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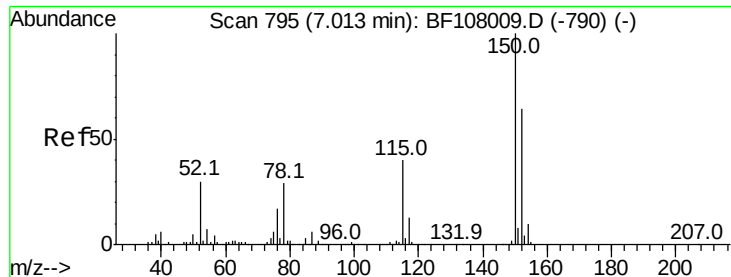
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	69992	13.798	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	75468m	13.515	nq	
45) 1,1'-Biphenyl	9.48	154	297881	15.178	nq	96
46) 2-Chloronaphthalene	9.51	162	221229	14.262	nq	96
47) 2-Nitroaniline	9.60	65	67251	13.399	nq	91
48) Acenaphthylene	9.92	152	350354	14.287	nq	99
49) Dimethylphthalate	9.77	163	304899	16.444	nq	# 98
50) 2,6-Dinitrotoluene	9.84	165	49664	12.802	nq	96
51) Acenaphthene	10.10	154	199734	13.298	nq	99
52) 3-Nitroaniline	10.01	138	48896	11.520	nq	96
53) 2,4-Dinitrophenol	10.11	184	3168	9.011	nq	# 34
54) Dibenzofuran	10.27	168	293378	13.482	nq	99
55) 4-Nitrophenol	10.15	139	63678	19.812	nq	86
56) 2,4-Dinitrotoluene	10.24	165	58271	11.669	nq	# 94
57) Fluorene	10.61	166	231718	13.452	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	52431	11.234	nq	89
59) Diethylphthalate	10.47	149	245974	13.700	nq	97
60) 4-Chlorophenyl-phenylether	10.60	204	115926	12.915	nq	# 87
61) 4-Nitroaniline	10.62	138	47606	11.344	nq	95
62) Azobenzene	10.76	77	220160	11.873	nq	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	4430	7.699	nq	93
65) n-Nitrosodiphenylamine	10.71	169	195613	14.780	nq	96
66) 4-Bromophenyl-phenylether	11.09	248	67418	13.852	nq	90
67) Hexachlorobenzene	11.16	284	67954	13.270	nq	# 90
68) Atrazine	11.24	200	60254	13.574	nq	96
69) Pentachlorophenol	11.35	266	51719	21.101	nq	97
70) Phenanthrene	11.58	178	712326	33.722	nq	99
71) Anthracene	11.64	178	387172	17.883	nq	98
72) Carbazole	11.78	167	307249	15.973	nq	99
73) Di-n-butylphthalate	12.10	149	337287	15.480	nq	99
74) Fluoranthene	12.78	202	1370068	59.429	nq	96
77) Pyrene	13.01	202	1192471	44.614	nq	98
79) Butylbenzylphthalate	13.61	149	141453	13.328	nq	# 96
80) Benzo(a)anthracene	14.21	228	776643	32.054	nq	99
81) 3,3'-Dichlorobenzidine	14.16	252	90413	10.413	nq	# 97
82) Chrysene	14.24	228	724089	32.598	nq	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	208759	14.525	nq	100
84) Di-n-octyl phthalate	14.79	149	356007	16.241	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.39	276	325577	16.916	nq	# 89
87) Benzo(b)fluoranthene	15.31	252	702520	40.704	nq	98
88) Benzo(k)fluoranthene	15.34	252	373458	23.539	nq	# 96
89) Benzo(a)pyrene	15.71	252	471342	30.498	nq	# 96
90) Dibenzo(a,h)anthracene	17.41	278	189116m	14.789	nq	
91) Benzo(g,h,i)perylene	17.89	276	286103	22.721	nq	# 91

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



#1

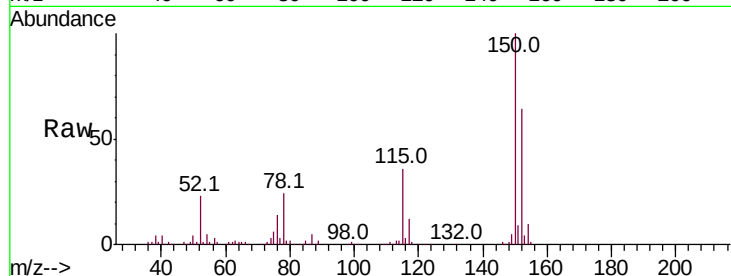
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

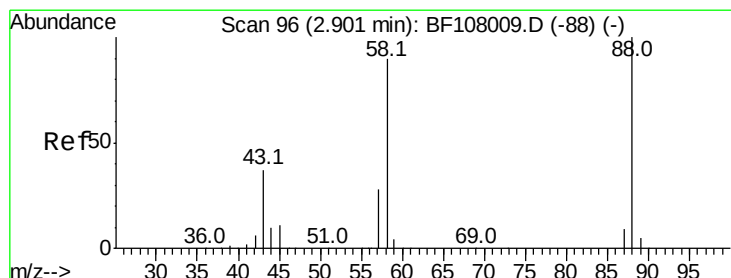
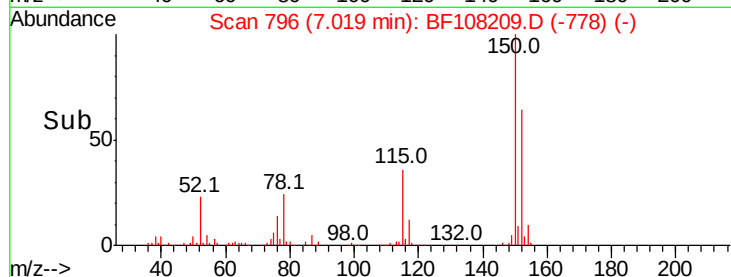
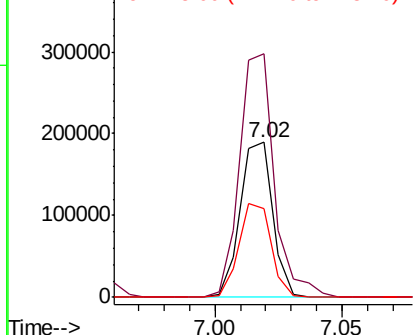
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	57.1	50.1	75.1

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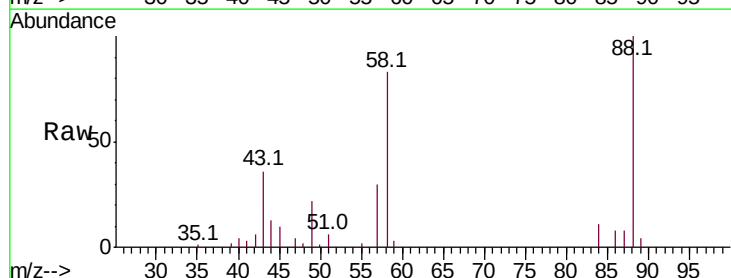
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



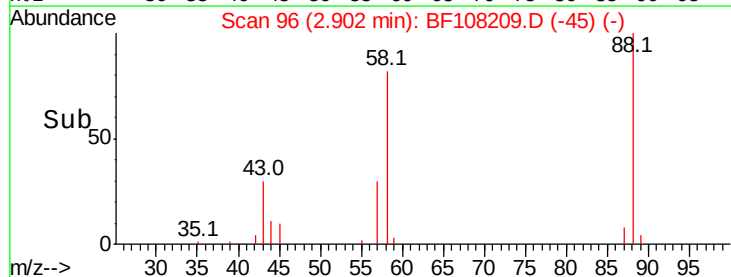
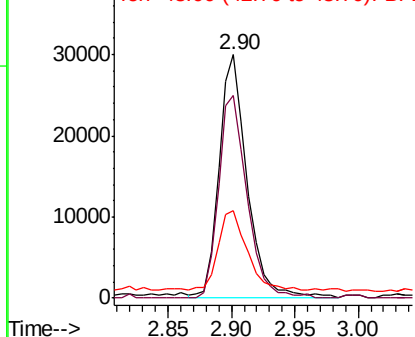
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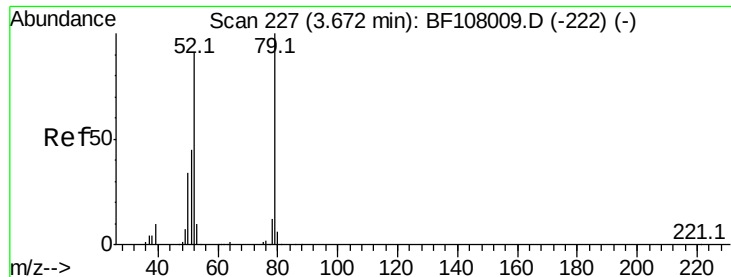
1,4-Dioxane
Concen: 9.598 ng
RT: 2.90 min Scan# 96
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	62.6	93.8
43	34.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





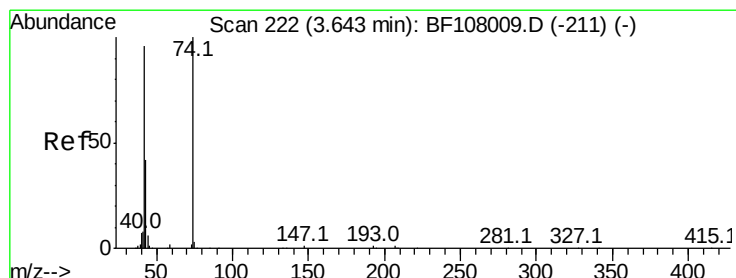
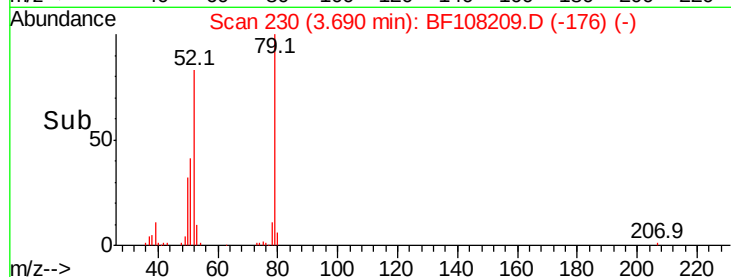
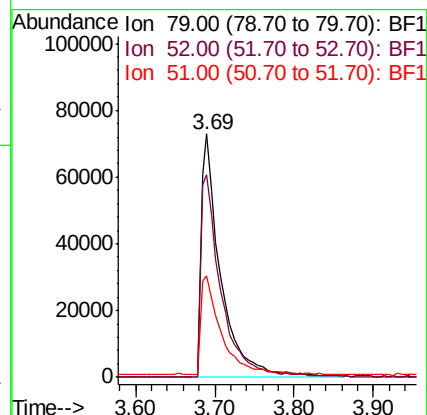
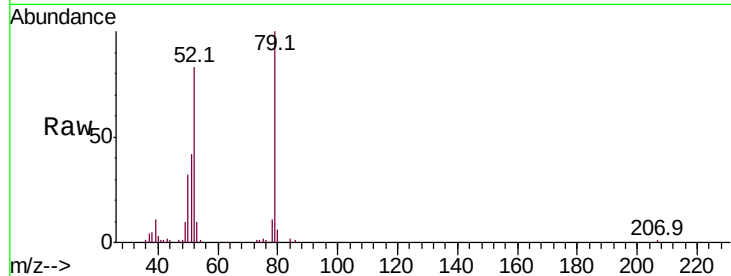
#3
 Pvridine
 Concen: 10.111 ng
 RT: 3.69 min Scan# 230
 Delta R.T. 0.02 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.3	59.8	89.6
51	41.8	29.8	44.8

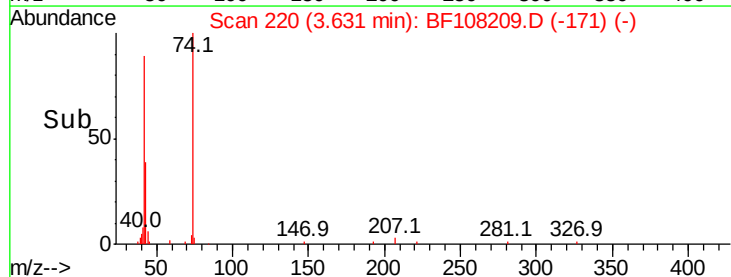
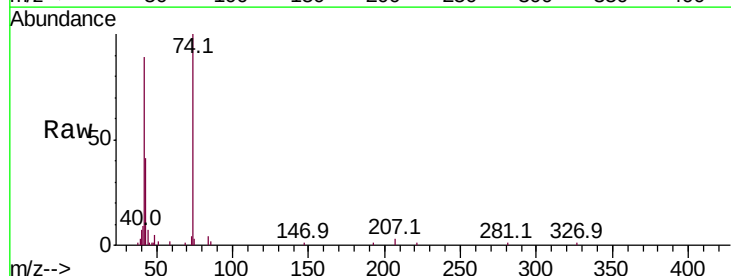
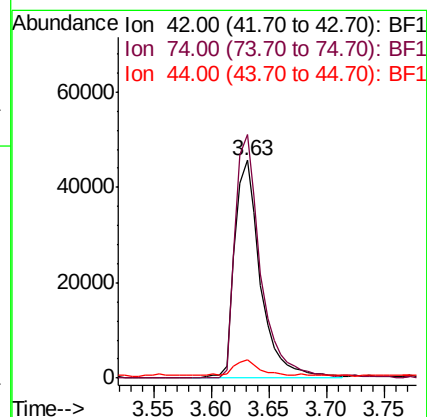
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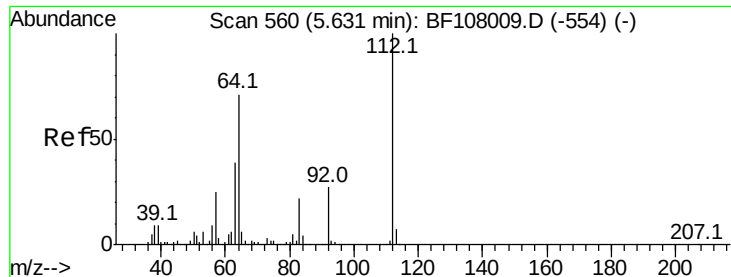
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#4
 n-Nitrosodimethylamine
 Concen: 10.250 ng
 RT: 3.63 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.8	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 34.884 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

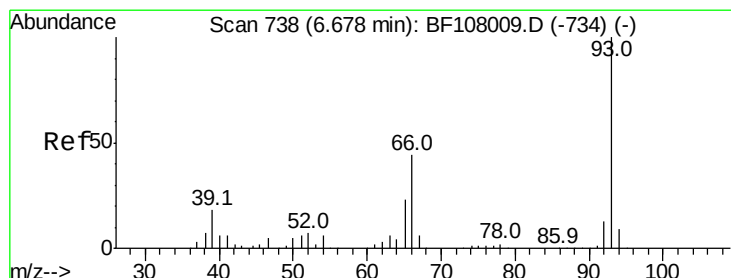
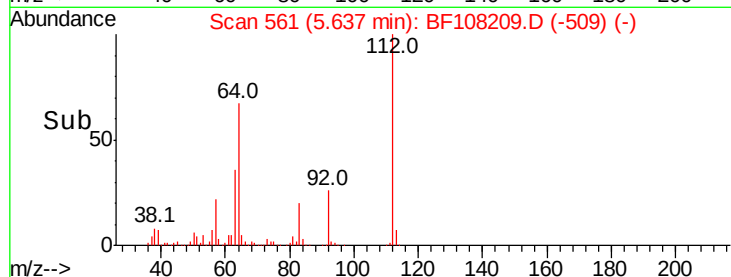
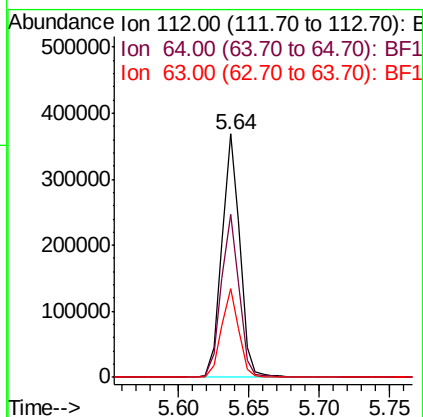
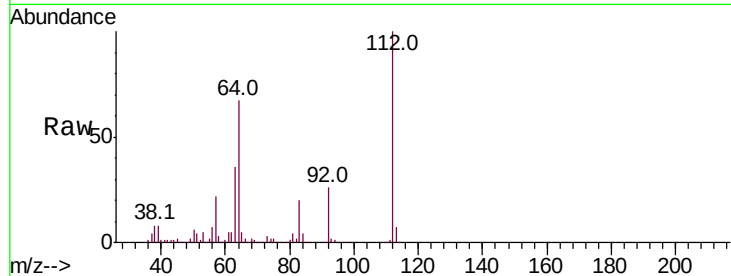
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion:	112	Resp:	326867
Ion Ratio	Lower	Upper	
112	100		
64	66.8	47.9	71.9
63	36.3	23.7	35.5#

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#6

Aniline

Concen: 8.392 ng

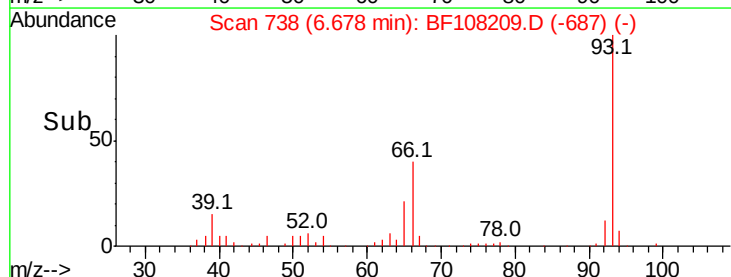
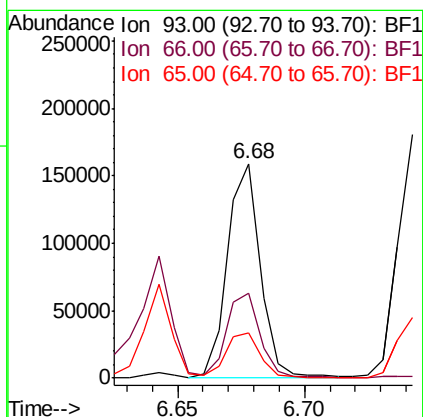
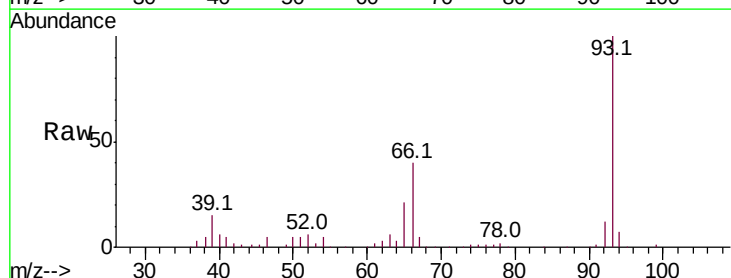
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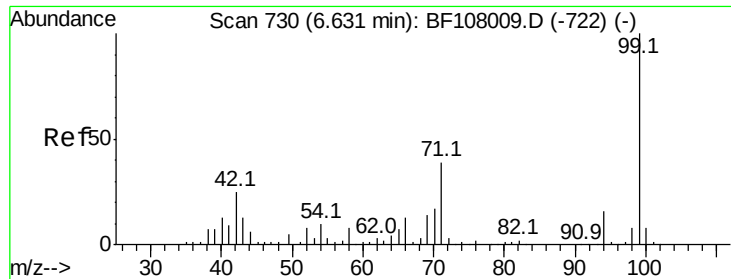
Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:	93	Resp:	142127
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.2	48.2
65	20.8	16.4	24.6





#7

Phenol-d6

Concen: 34.904 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

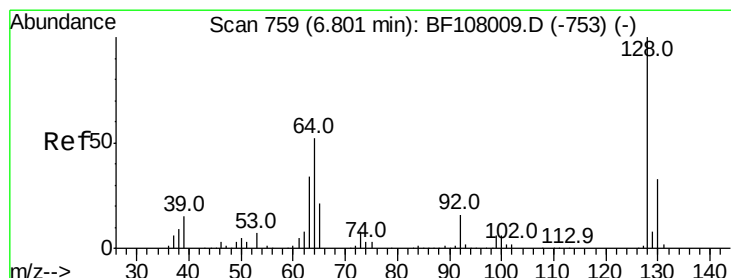
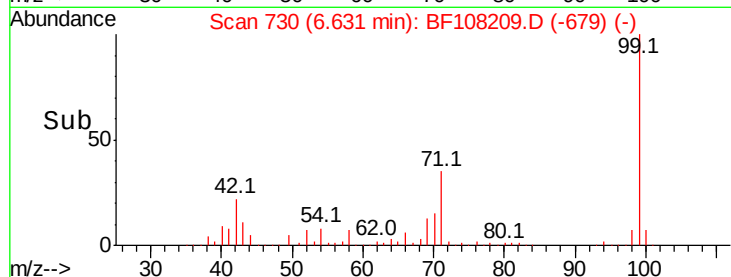
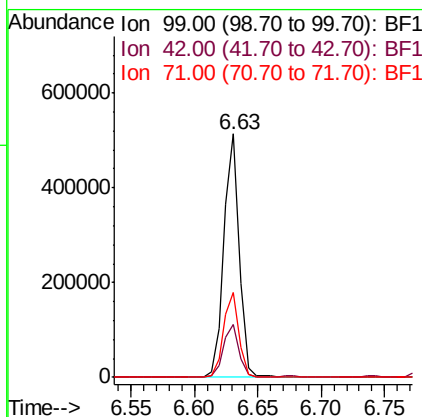
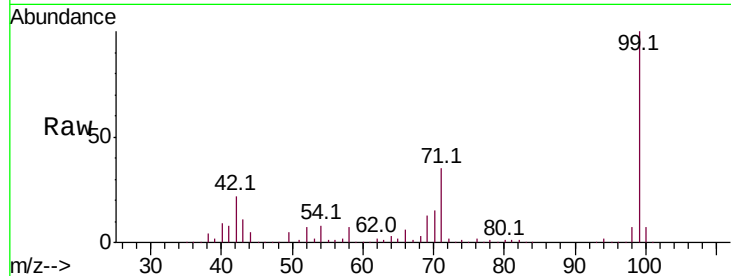
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Tot Ion:	99	Resp:	434616
Ion Ratio	Lower	Upper	
99	100		
42	21.9	14.5	21.7#
71	34.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 12.756 ng

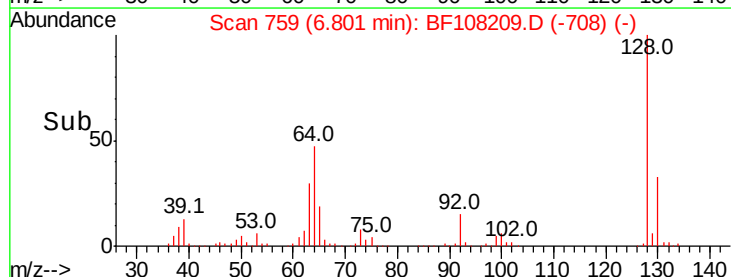
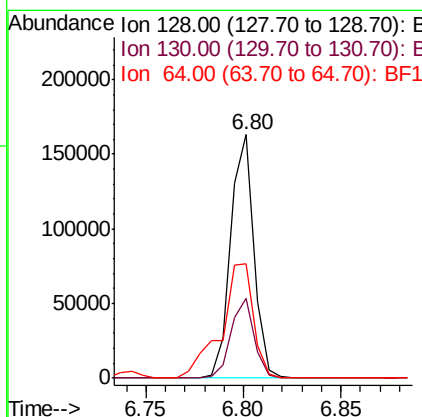
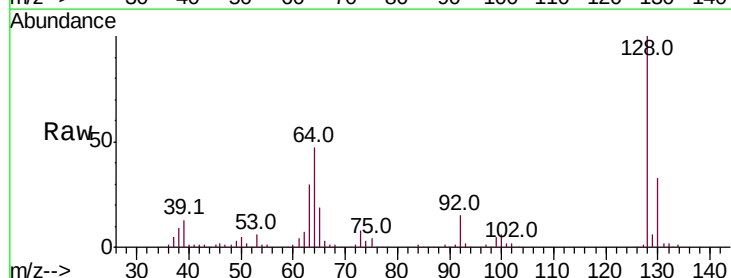
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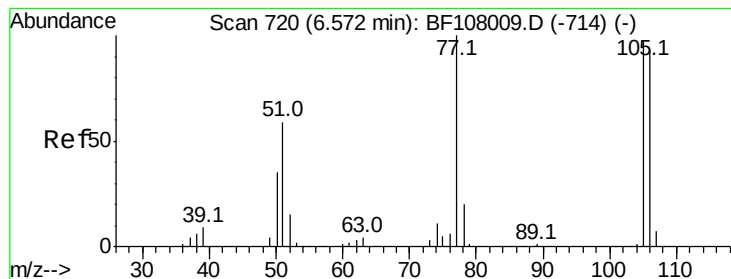
Delta R.T. 0.00 min

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Tgt Ion:	128	Resp:	134614
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	47.0	29.4	69.4





#9

Benzaldehyde

Concen: 7.909 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

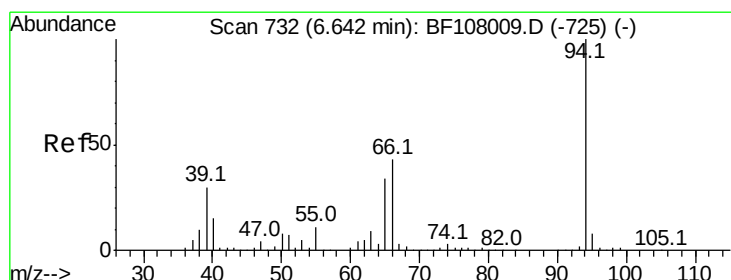
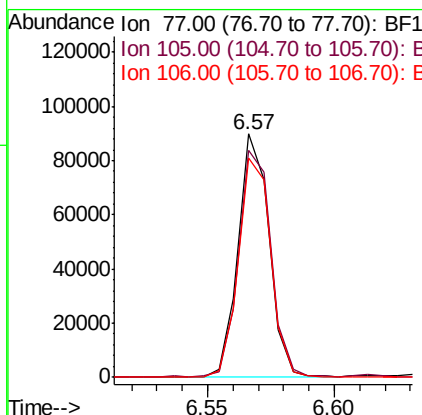
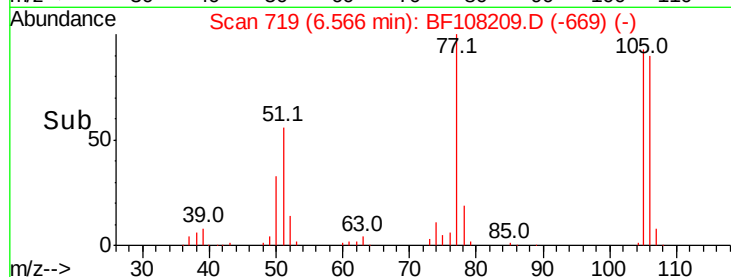
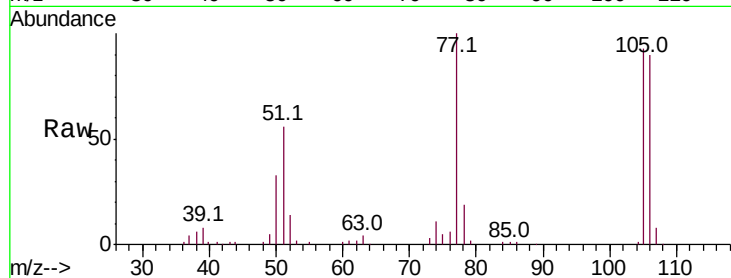
ClientSampleId :

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Tot Ion:	77	Resp:	76351
Ion Ratio	Lower	Upper	
77	100		
105	93.5	81.1	121.1
106	90.0	74.5	114.5

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#10

Phenol

Concen: 12.635 ng

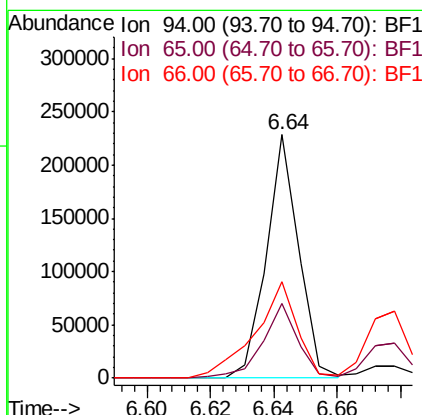
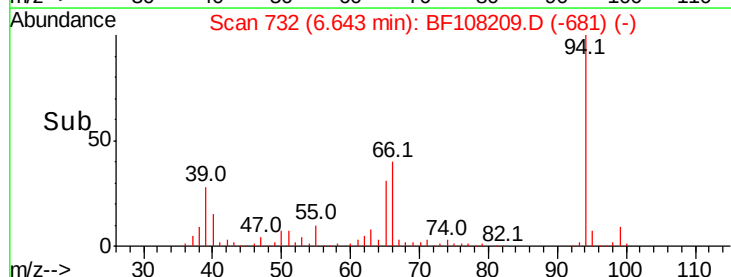
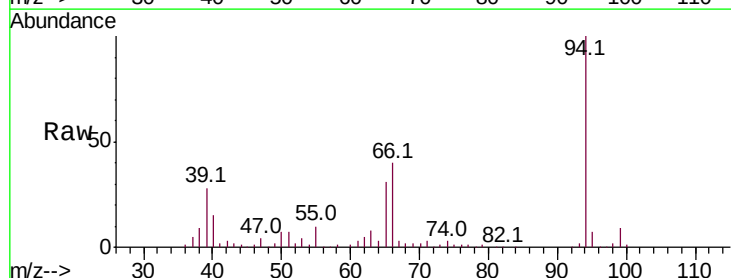
RT: 6.64 min Scan# 732

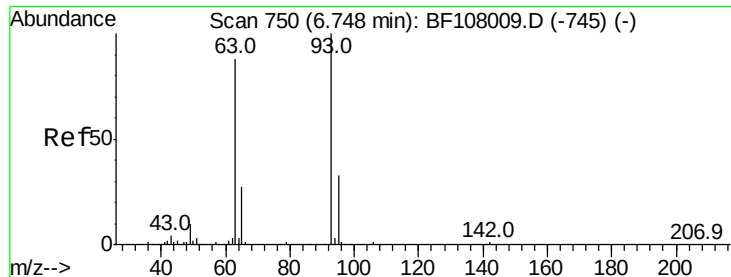
Delta R.T. 0.00 min

Lab File: BF108209.D

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Tgt Ion:	94	Resp:	162735
Ion Ratio	Lower	Upper	
94	100		
65	30.5	7.9	47.9
66	39.7	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 12.540 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

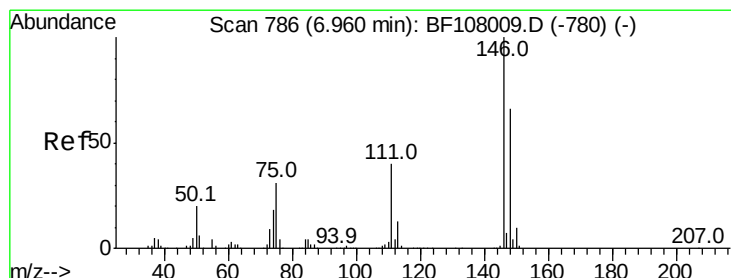
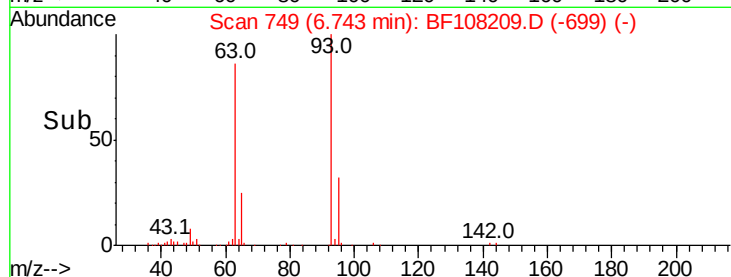
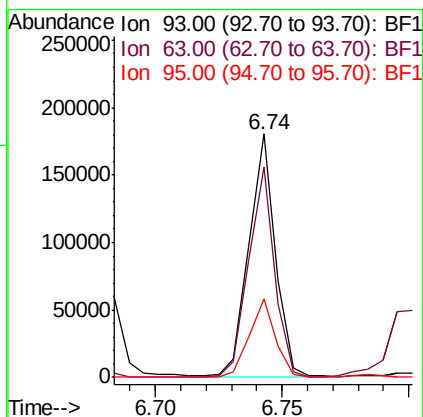
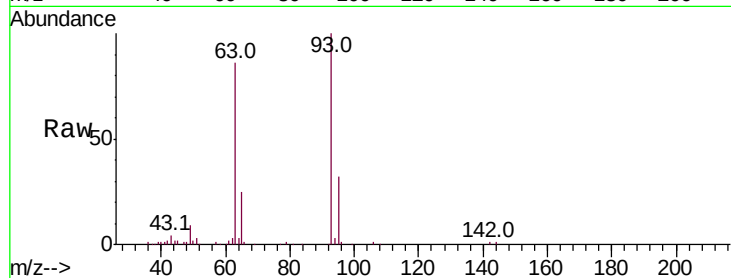
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion:	93	Resp:	130573
Ion Ratio	Lower	Upper	
93	100		
63	86.4	58.6	98.6
95	32.2	11.8	51.8

Manual Integrations
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Sohil
8/17/2018 3:30:57 PM



#12

1,3-Dichlorobenzene

Concen: 12.238 ng

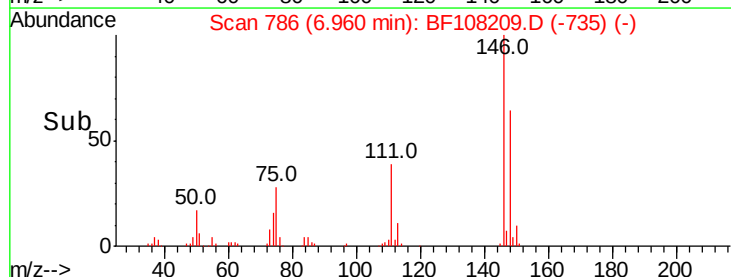
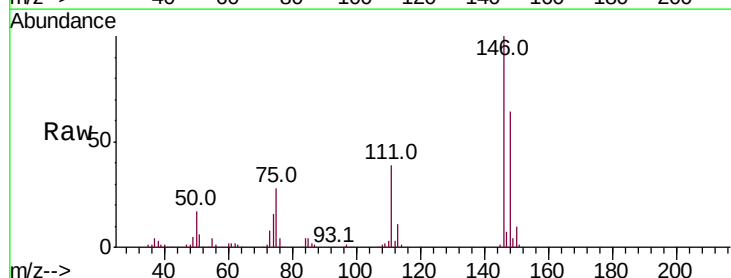
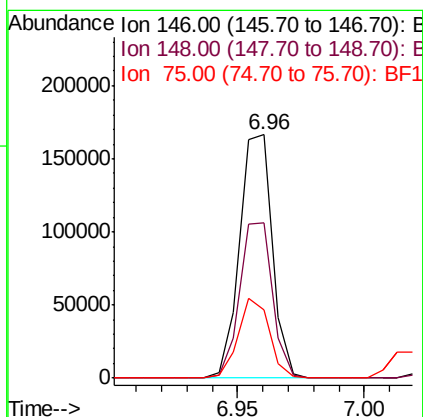
RT: 6.96 min Scan# 786

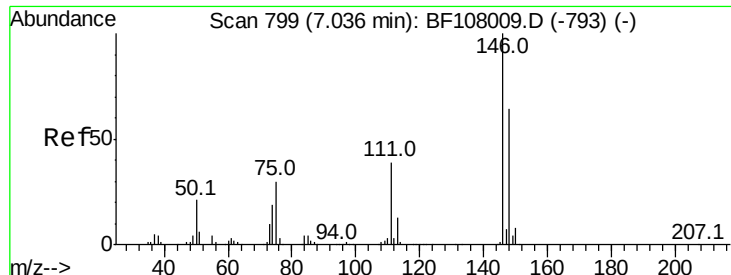
Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:	146	Resp:	149337
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	28.2	24.2	36.4





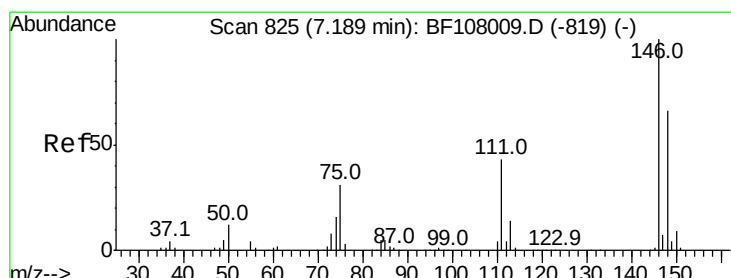
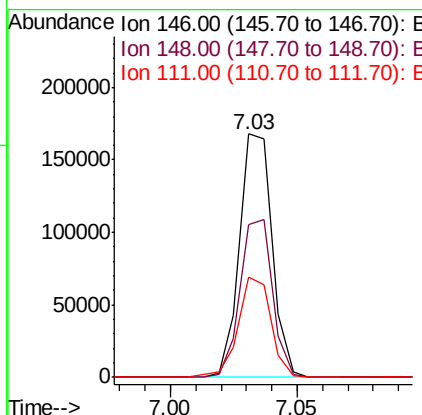
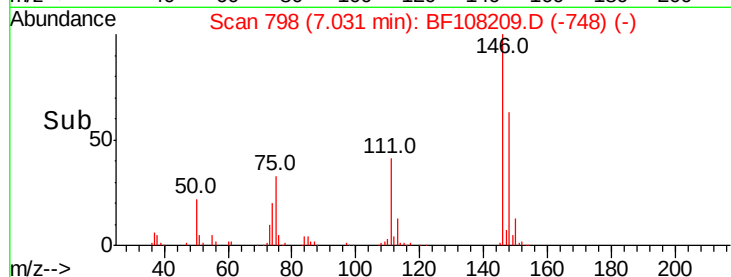
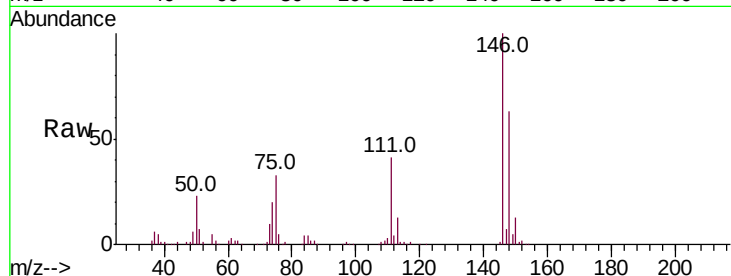
#13
 1,4-Dichlorobenzene
 Concen: 12.262 ng
 RT: 7.03 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	41.4	34.2	51.2

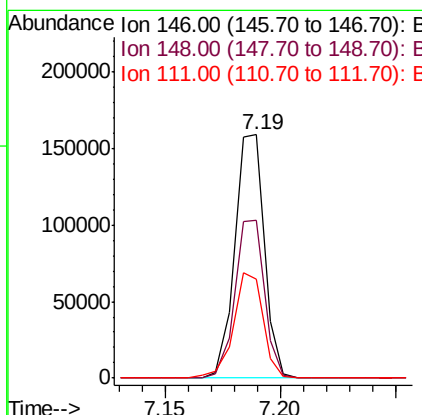
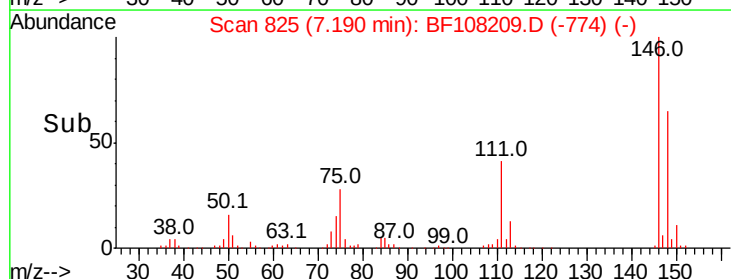
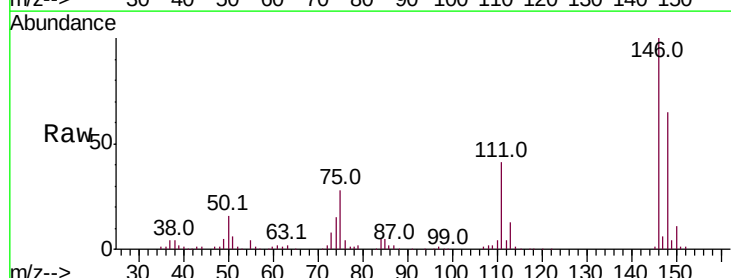
Manual Integrations
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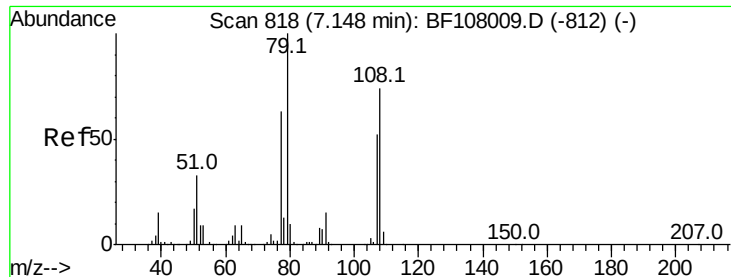
Sohil
 8/17/2018 3:30:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 12.511 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	40.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 11.656 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

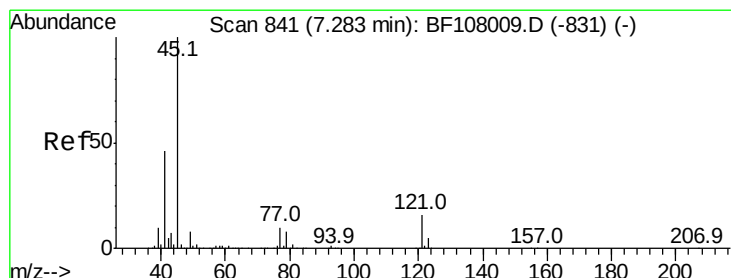
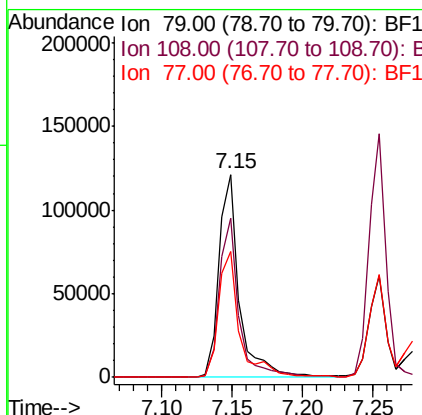
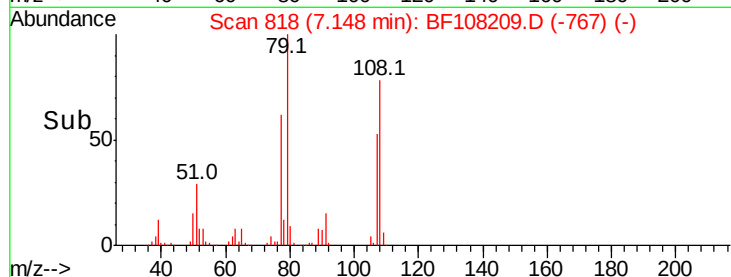
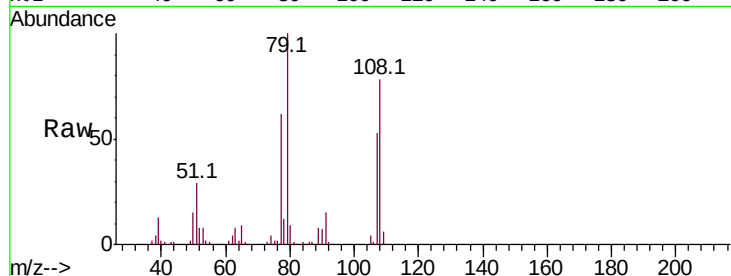
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.3	65.1	97.7
77	62.1	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.709 ng

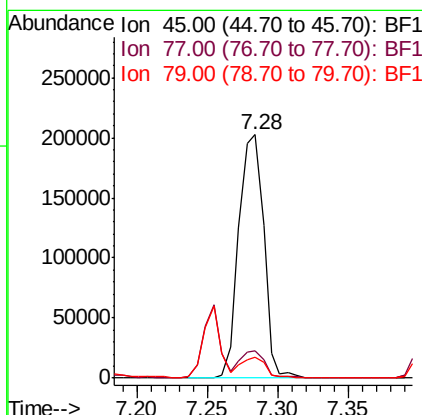
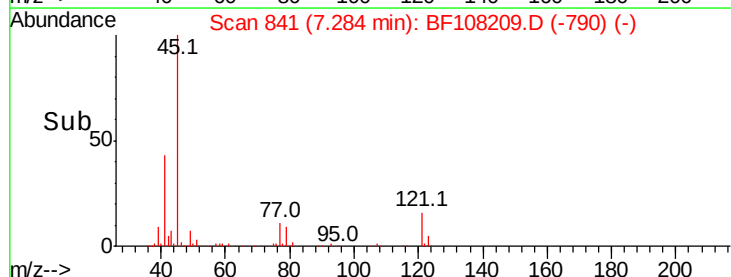
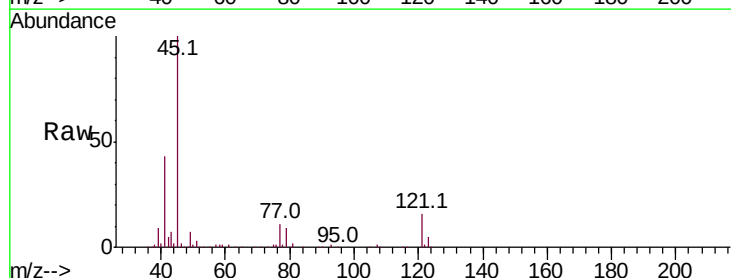
RT: 7.28 min Scan# 841

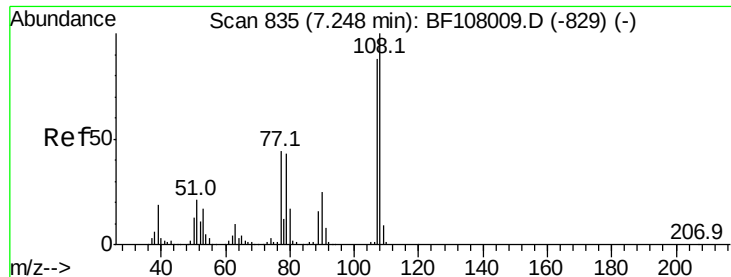
Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	32.9
79	8.8	0.0	29.6





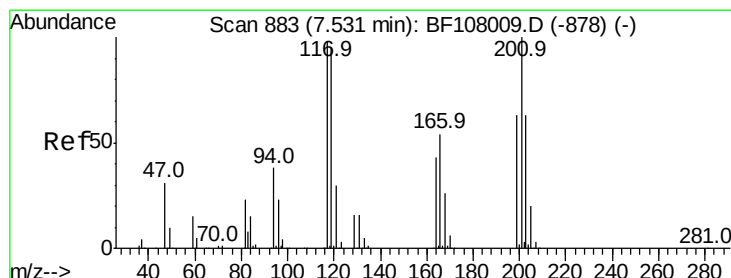
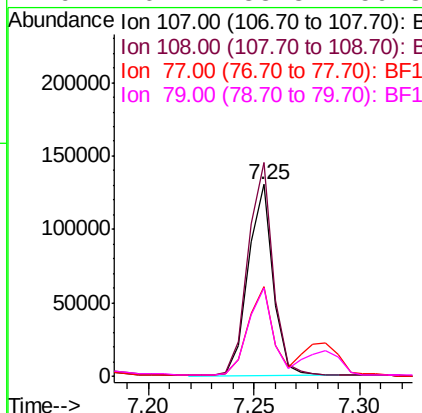
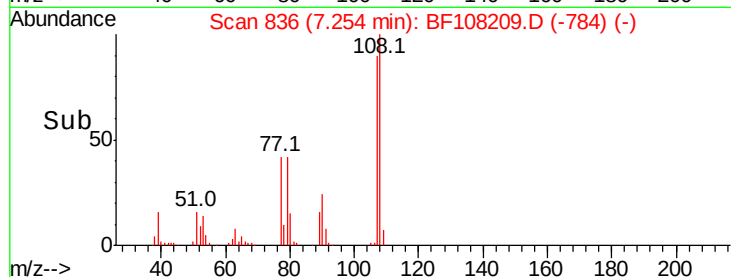
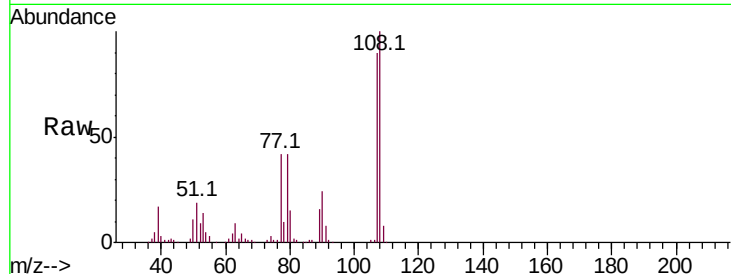
#17
2-Methylphenol
Concen: 11.739 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	91.7	137.5	
77	47.0	33.8	50.8	
79	46.4	33.8	50.8	

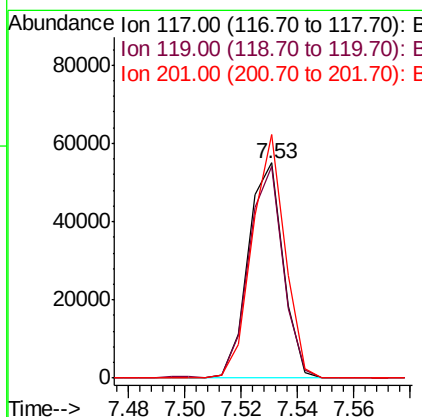
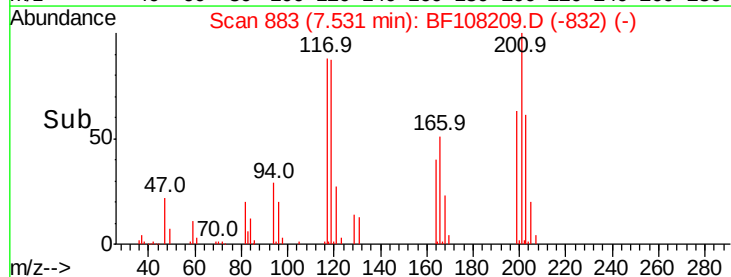
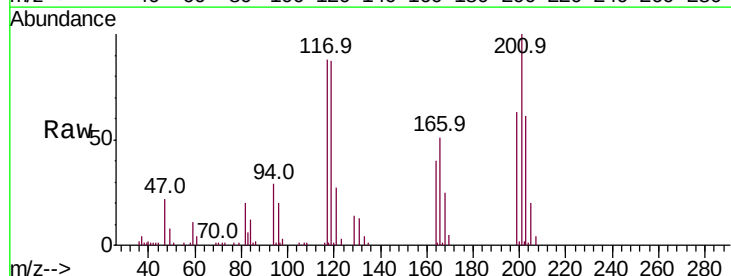
Manual Integrations
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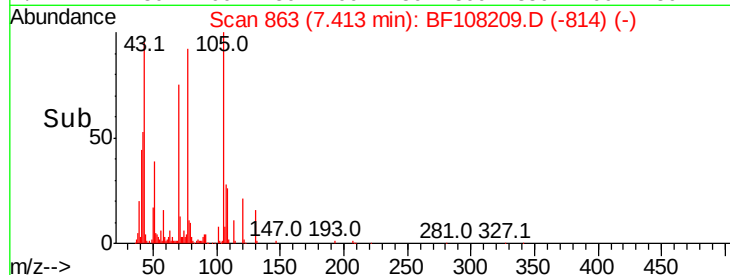
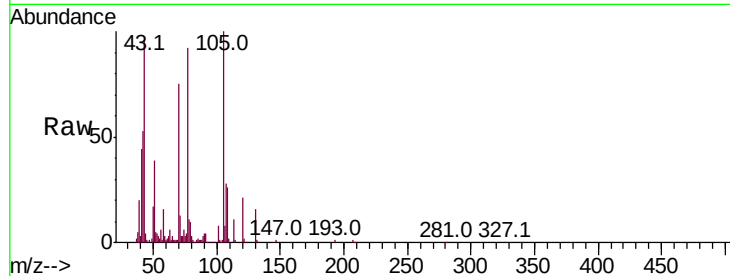
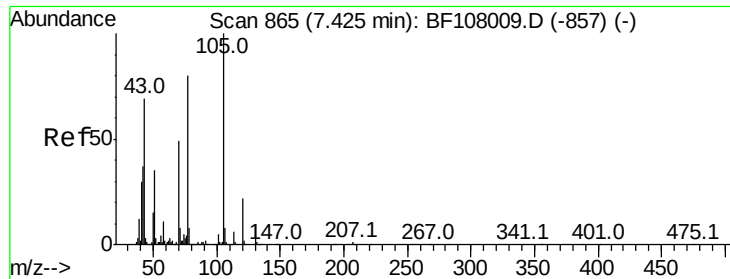
Sohil
8/17/2018 3:30:57 PM



#18
Hexachloroethane
Concen: 10.790 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	75.8	113.8	
201	113.1	75.7	113.5	





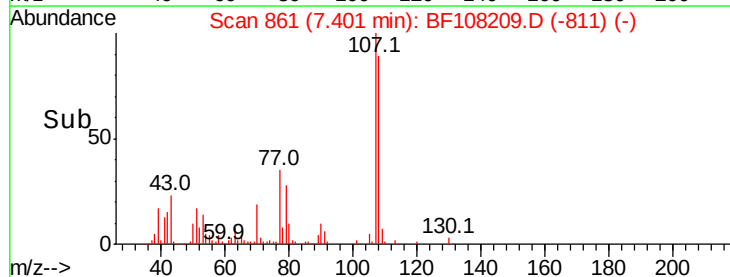
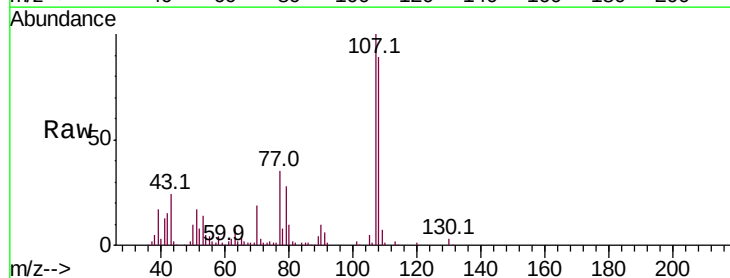
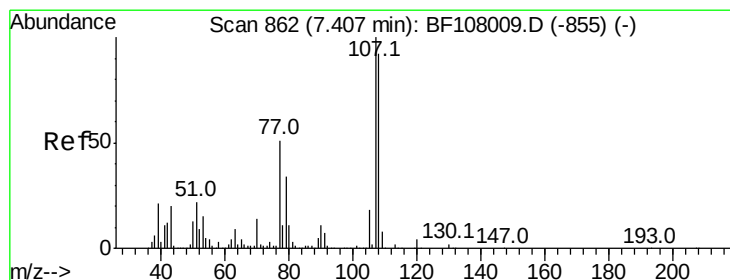
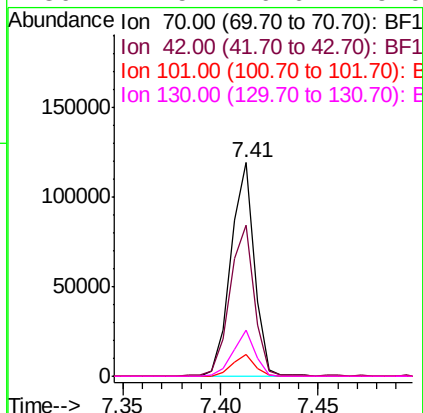
#19
n-Nitroso-di-n-propylamine
Concen: 11.796 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Manual Integrations
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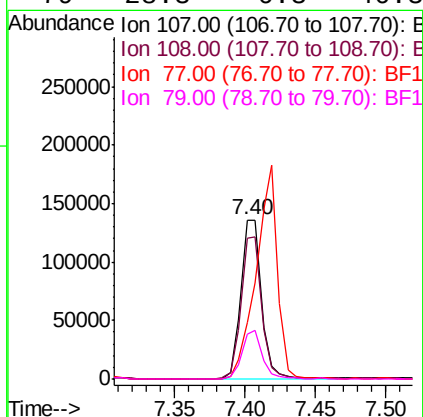
Sohil
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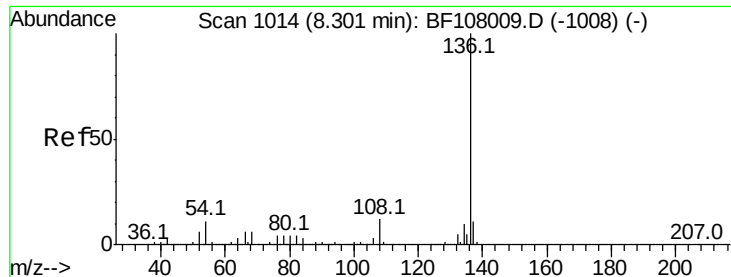
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.5	47.5	71.3	
101	10.5	7.4	11.2	
130	21.5	16.6	25.0	



#20
3+4-Methylphenols
Concen: 12.076 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	68.2	108.2	
77	35.1	26.7	66.7	
79	28.3	6.3	46.3	





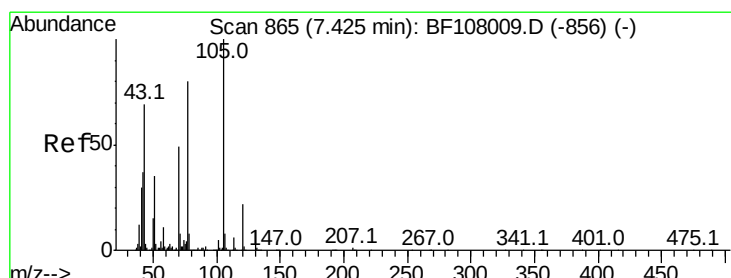
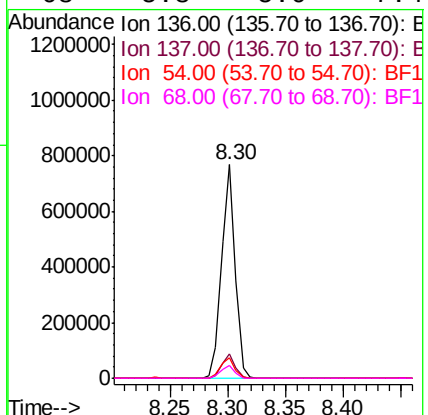
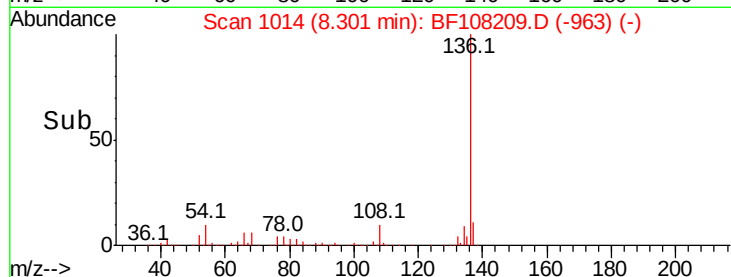
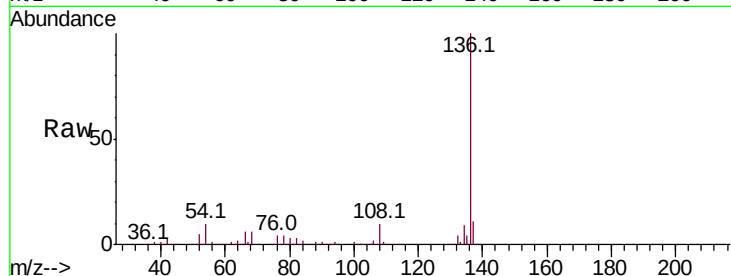
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		627211		
137	11.2	8.9	13.3		
54	9.5	6.6	9.8		
68	5.8	5.0	7.4		

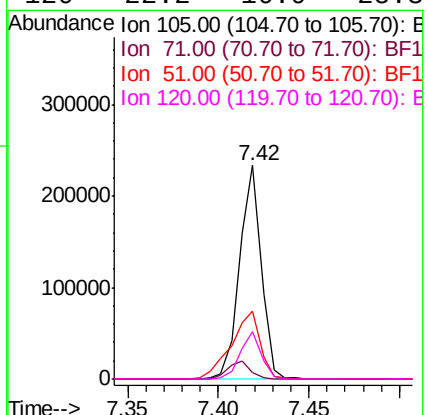
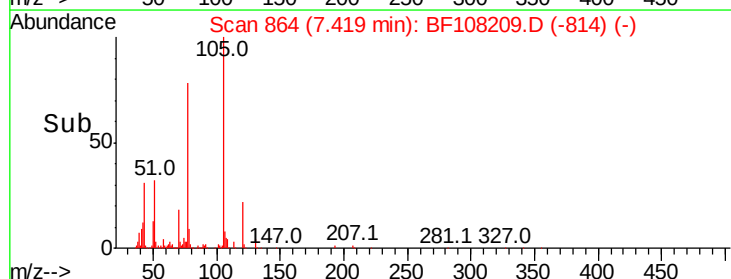
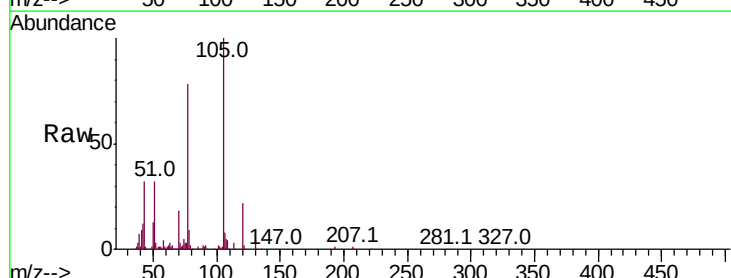
Manual Integrations
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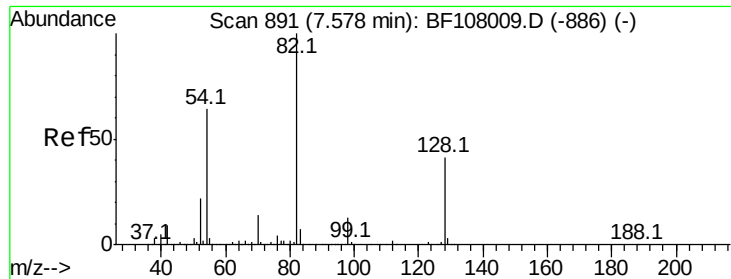
Sohil
8/17/2018 3:30:57 PM



#22
Acetophenone
Concen: 13.172 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		193177		
71	3.0	4.4	6.6#		
51	32.0	22.3	33.5		
120	22.2	16.9	25.3		





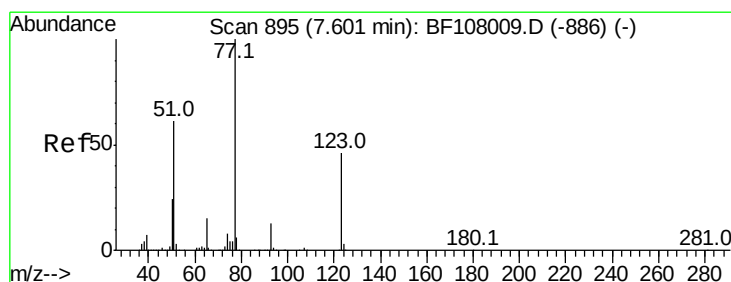
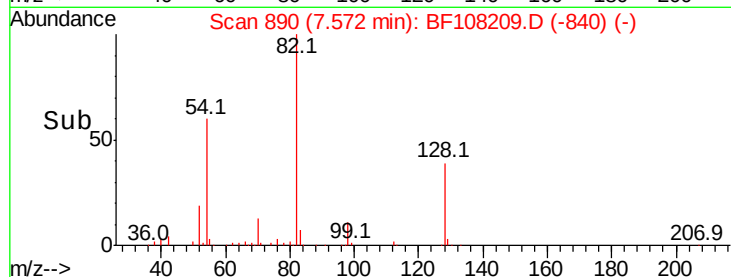
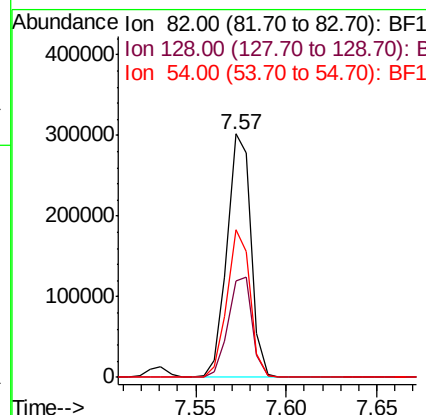
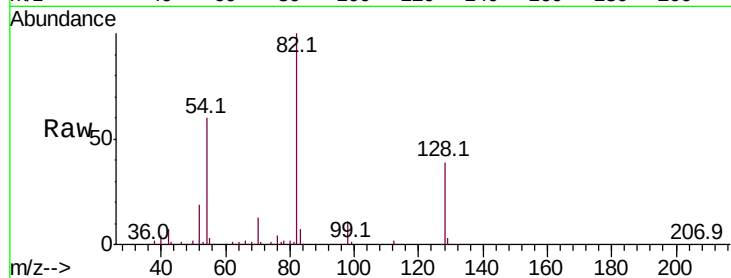
#23
 Nitrobenzene-d5
 Concen: 24.827 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	279058		
128	39.5		36.1	54.1
54	60.4		41.4	62.2

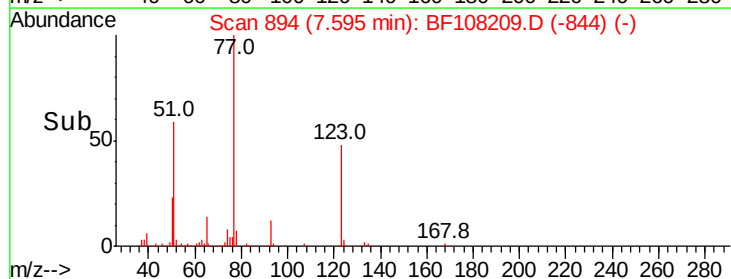
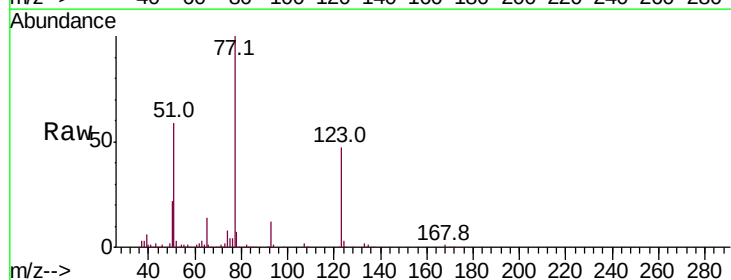
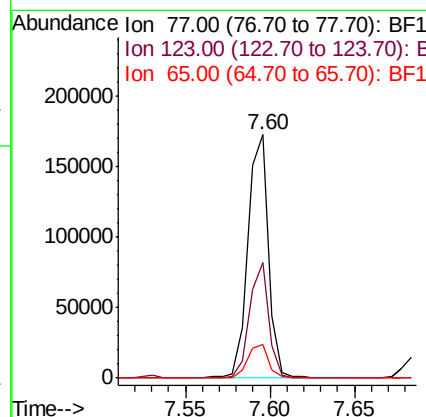
Manual Integrations
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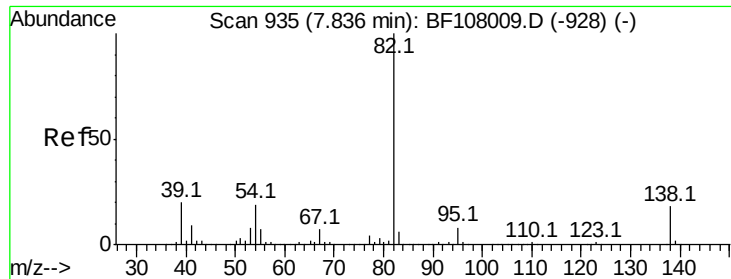
Sohil
 8/17/2018 3:30:57 PM



#24
 Nitrobenzene
 Concen: 12.873 ng
 RT: 7.60 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	146320		
123	47.2		37.9	56.9
65	14.0		11.0	16.4





#25

Isophorone

Concen: 12.127 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

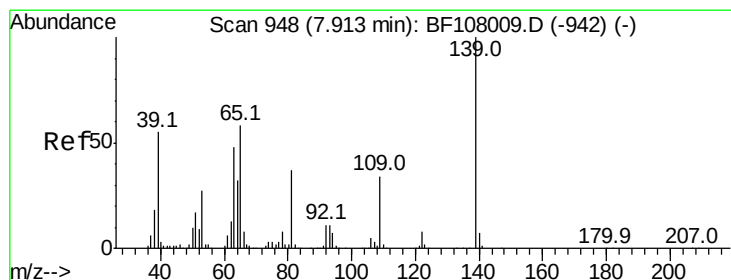
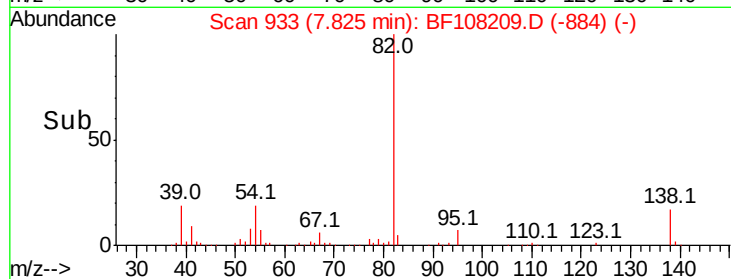
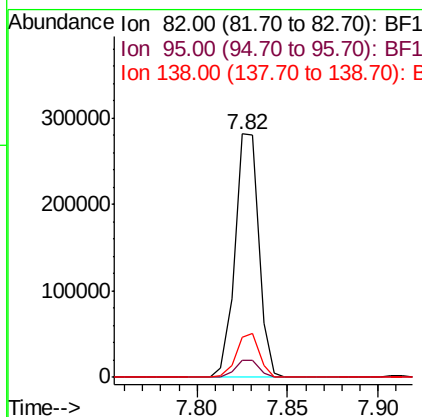
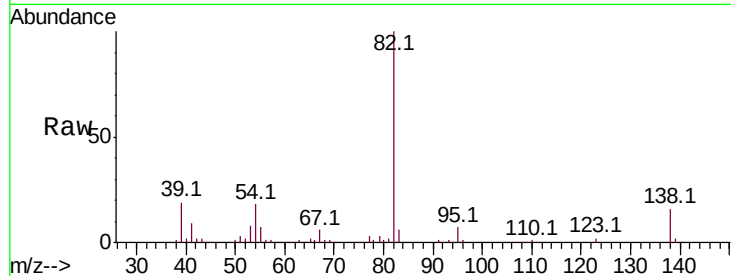
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion:	82	Resp:	259812
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	16.4	14.9	22.3

Manual Integrations
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Sohil
8/17/2018 3:30:57 PM



#26

2-Nitrophenol

Concen: 13.071 ng

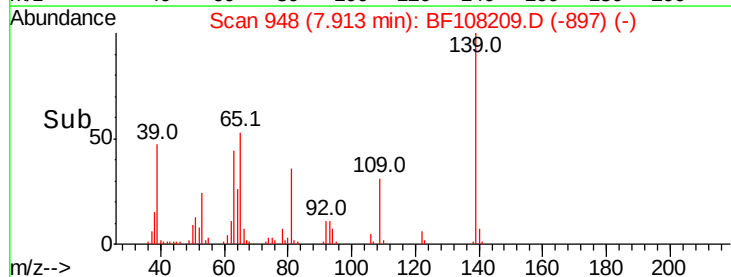
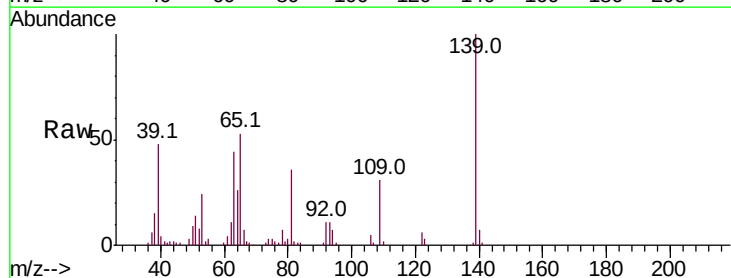
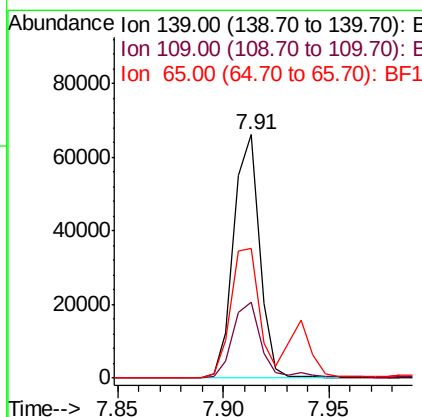
RT: 7.91 min Scan# 948

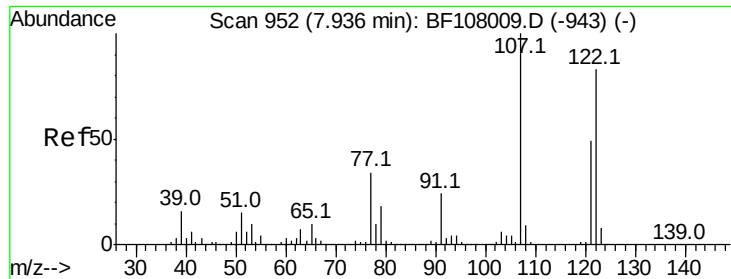
Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:	139	Resp:	56105
Ion Ratio	Lower	Upper	
139	100		
109	31.1	22.7	34.1
65	53.5	40.5	60.7





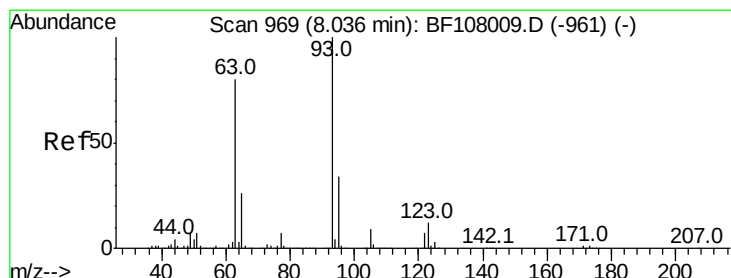
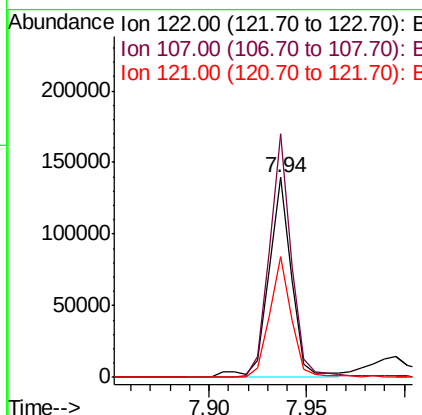
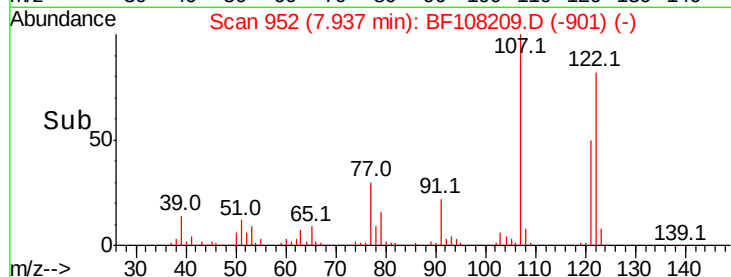
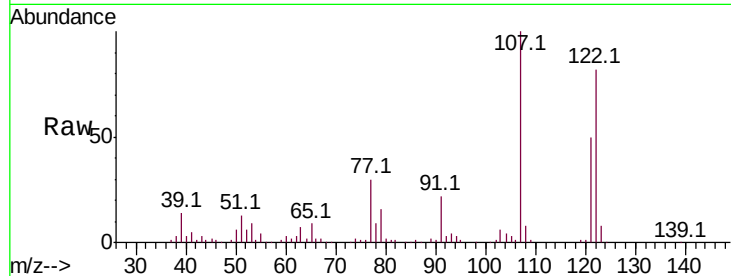
#27
 2,4-Dimethylphenol
 Concen: 11.907 ng
 RT: 7.94 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.0	91.2	136.8
121	60.8	47.2	70.8

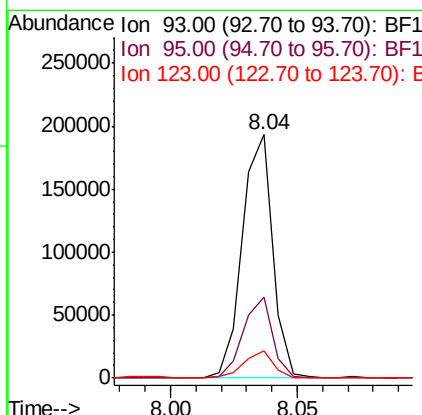
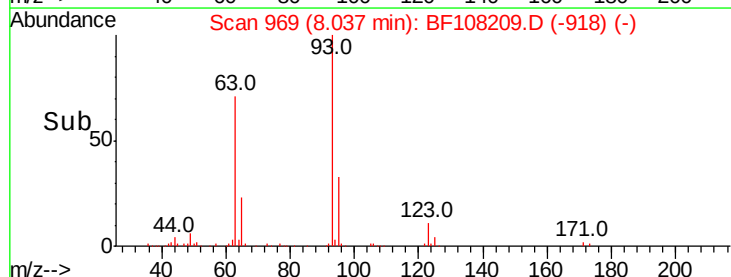
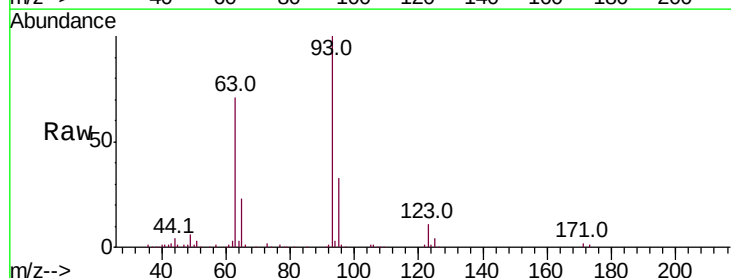
Manual Integrations
 APPROVED

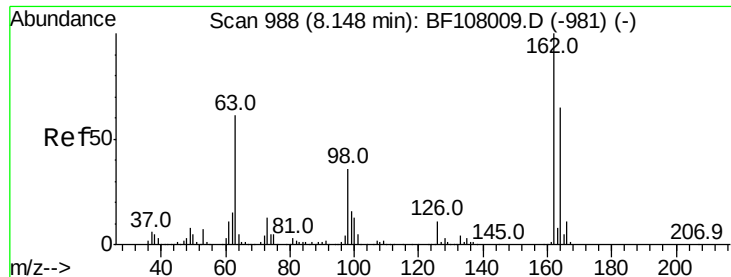
Sohil
 8/17/2018 3:30:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 12.876 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.0	9.8	14.6





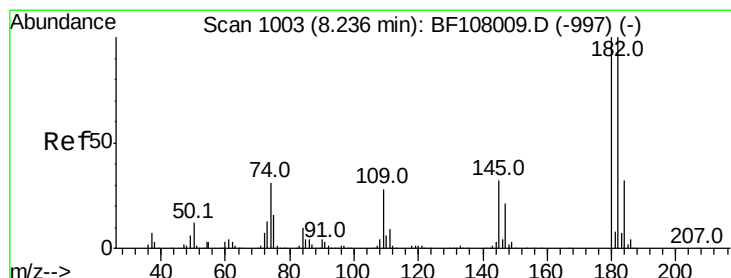
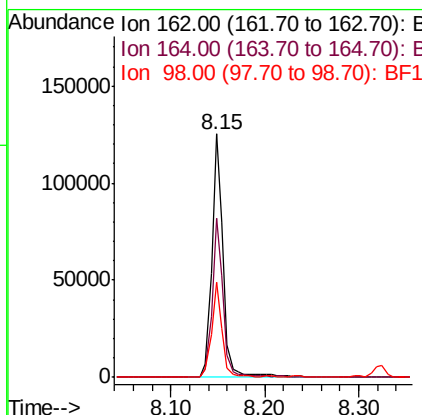
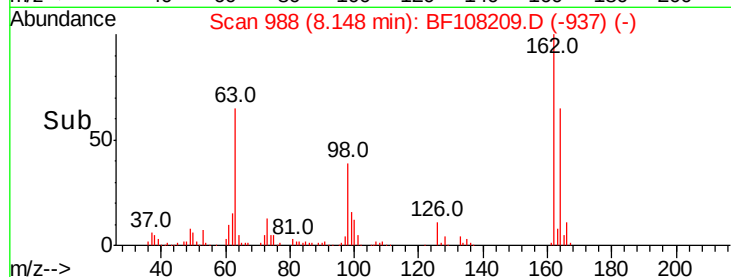
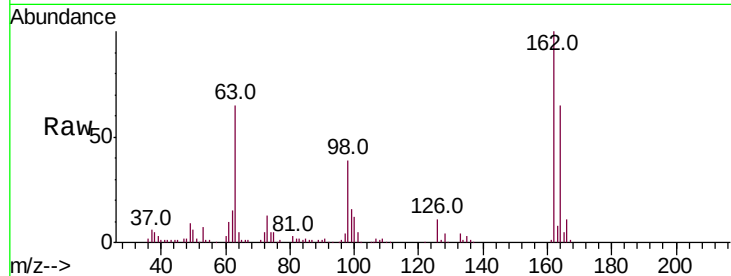
#29
2,4-Dichlorophenol
Concen: 12.283 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	39.0	18.1	58.1

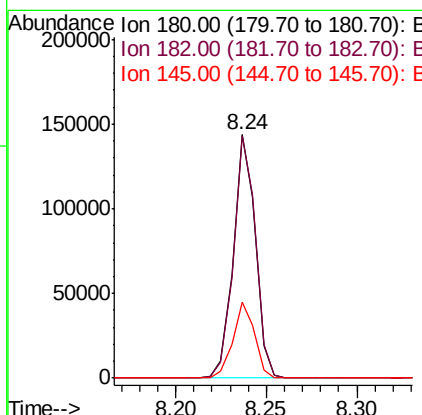
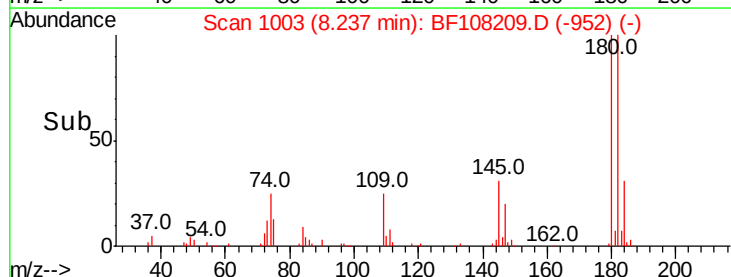
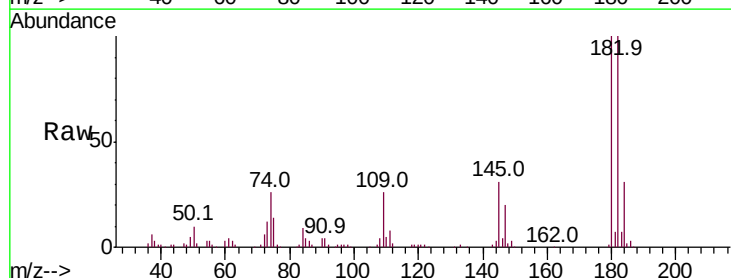
Manual Integrations
APPROVED

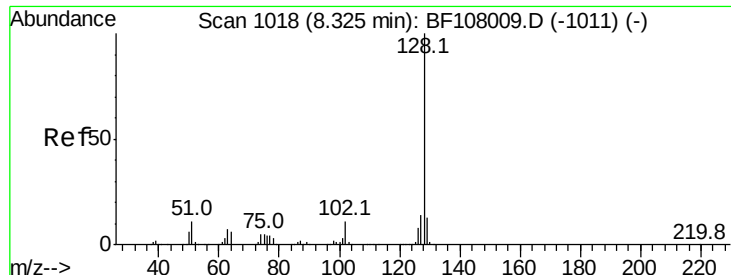
Sohil
8/17/2018 3:30:57 PM



#30
1,2,4-Trichlorobenzene
Concen: 12.580 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	76.8	115.2
145	31.4	26.5	39.7





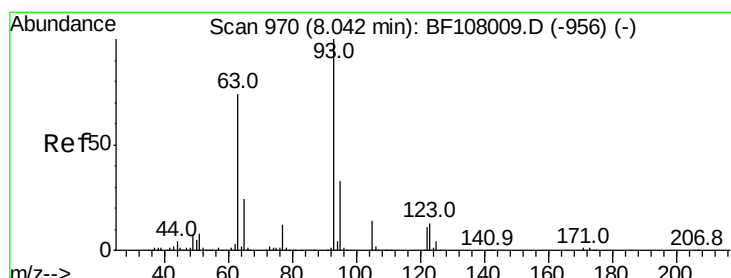
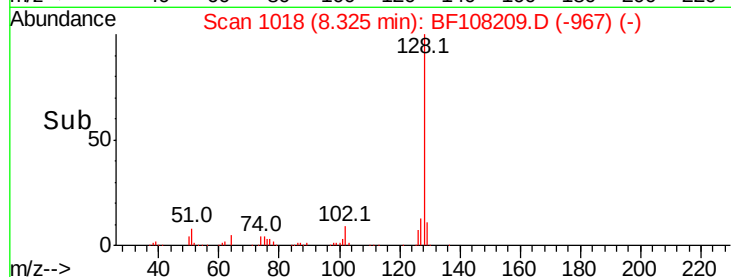
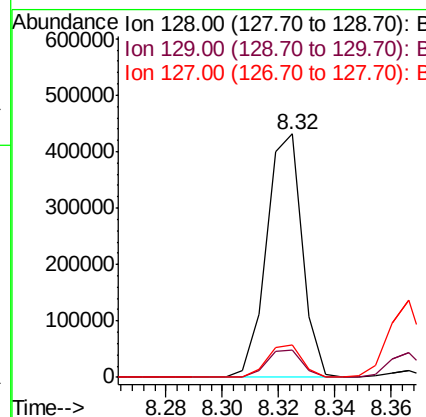
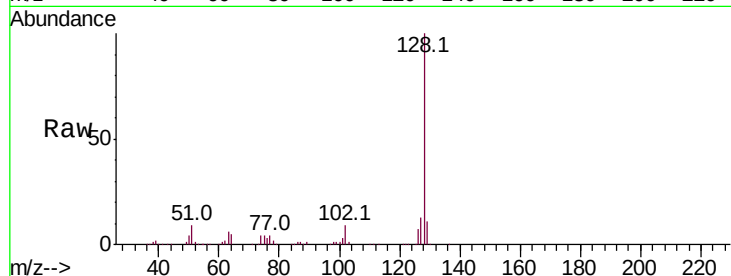
#31
Naphthalene
Concen: 13.229 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.8	13.2	
127	13.2	10.9	16.3	

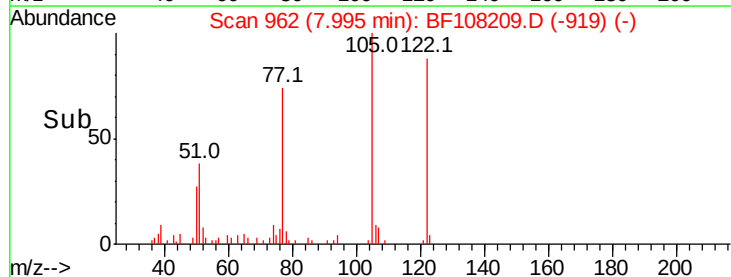
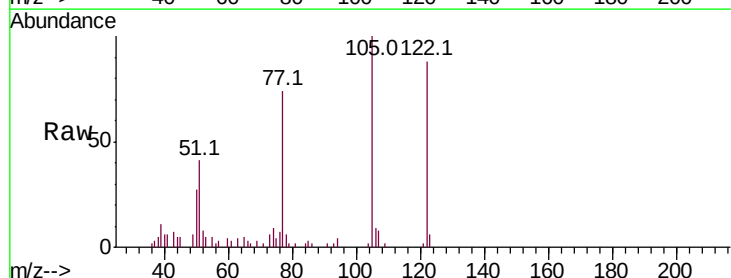
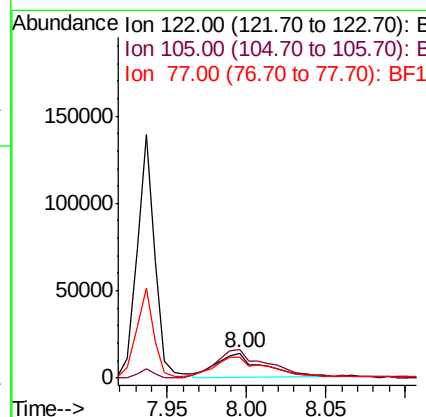
Manual Integrations
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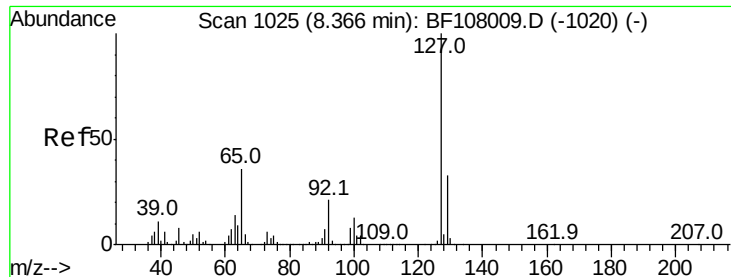
Sohil
8/17/2018 3:30:57 PM



#32
Benzoic acid
Concen: 10.288 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	114.3	101.1	141.1	
77	84.6	70.7	110.7	





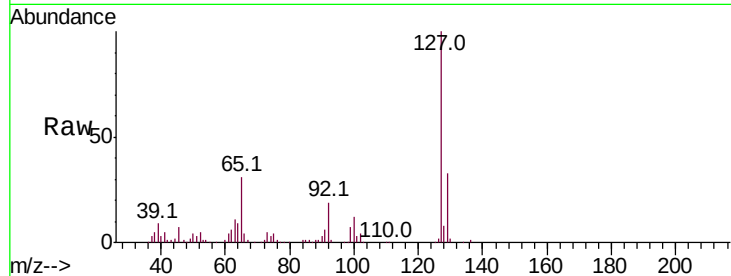
#33
4-Chloroaniline
Concen: 9.894 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	31.1	25.0	37.4	
92	18.6	15.2	22.8	

Manual Integrations
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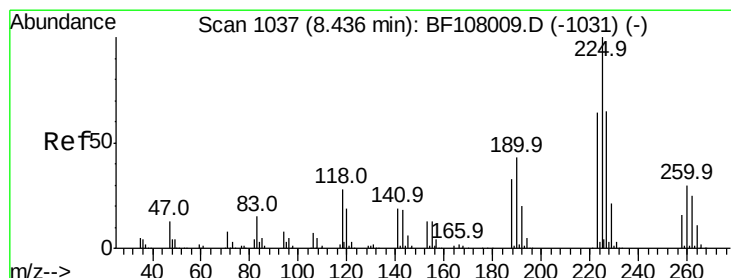
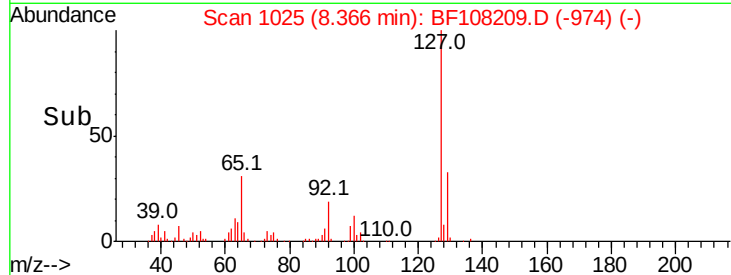
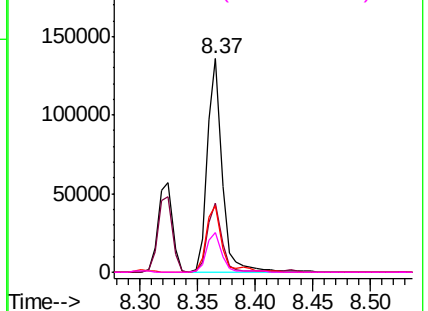
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

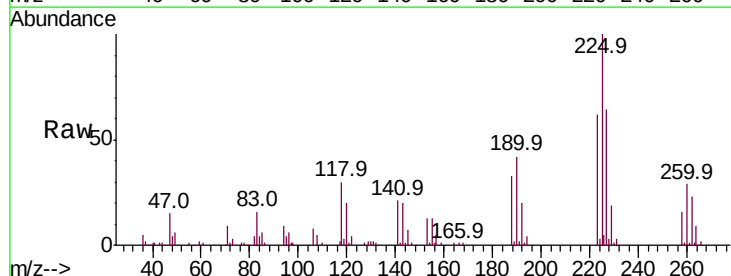
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 13.066 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	50.6	76.0	
227	63.5	51.9	77.9	

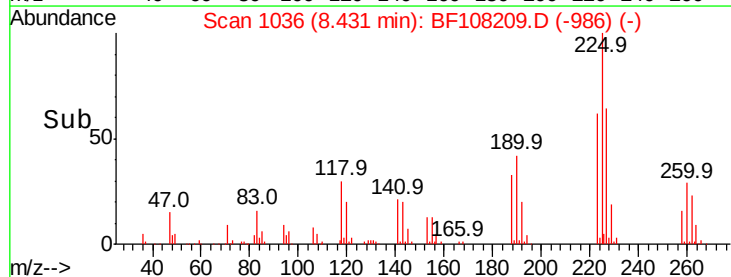
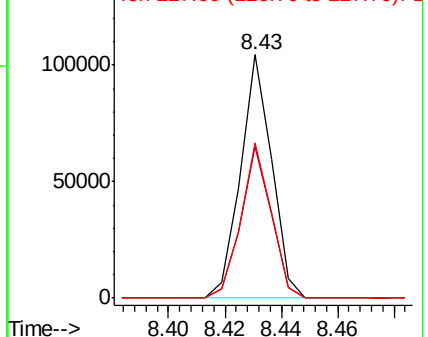


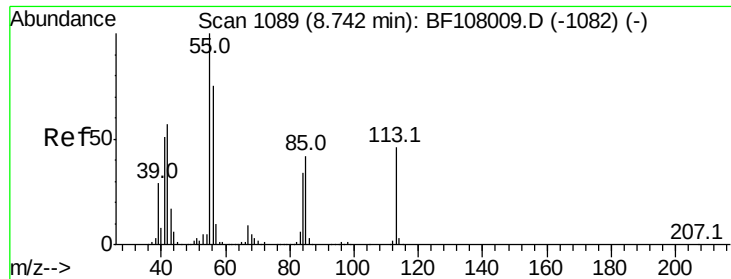
Abundance

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





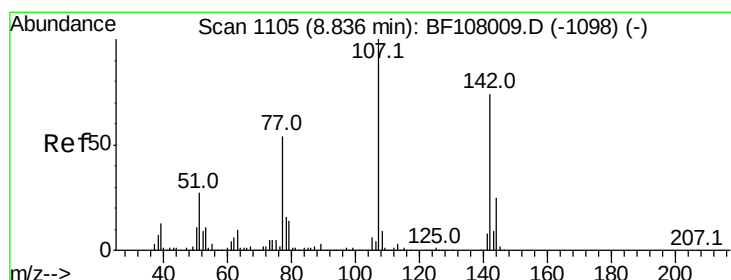
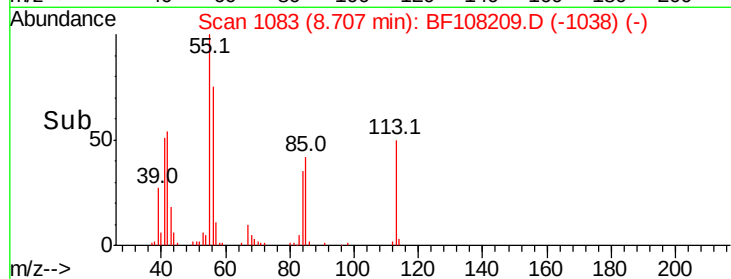
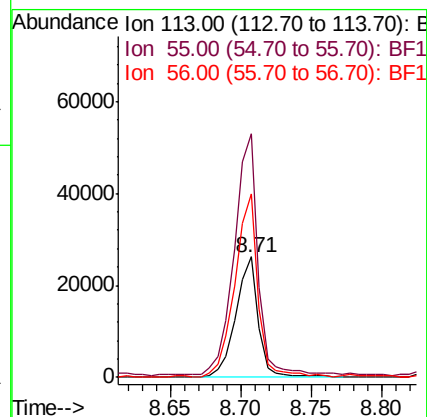
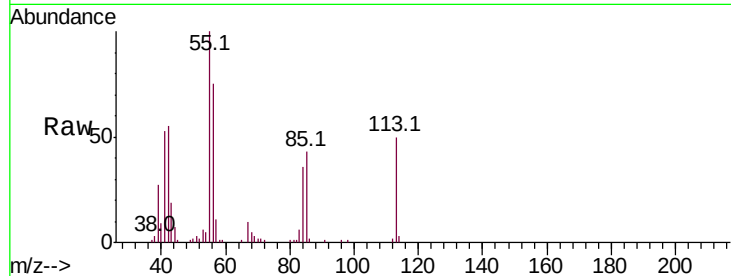
#35
 Caprolactam
 Concen: 10.597 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	201.7	163.3	203.3
56	151.8	115.7	155.7

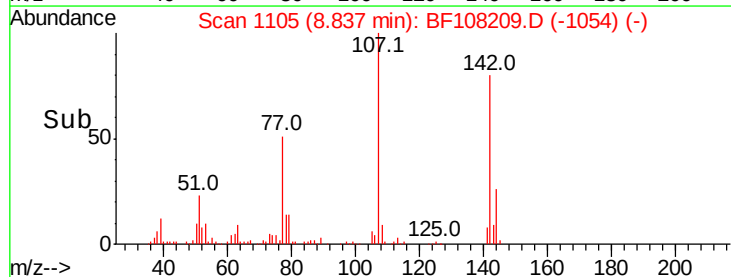
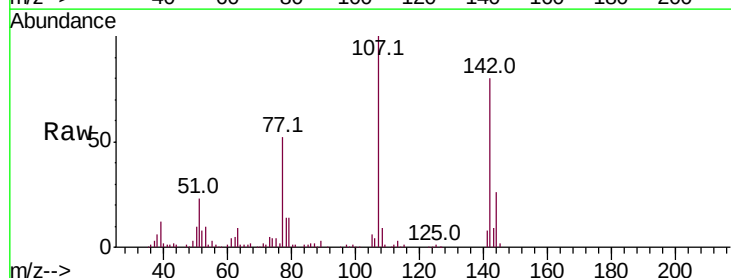
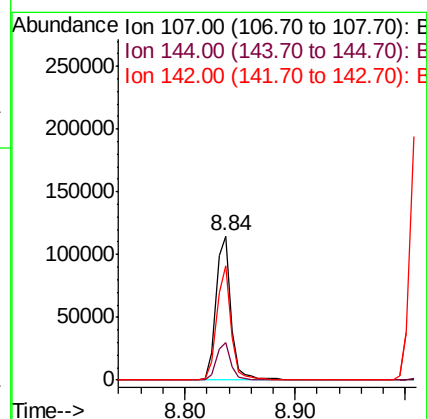
Manual Integrations
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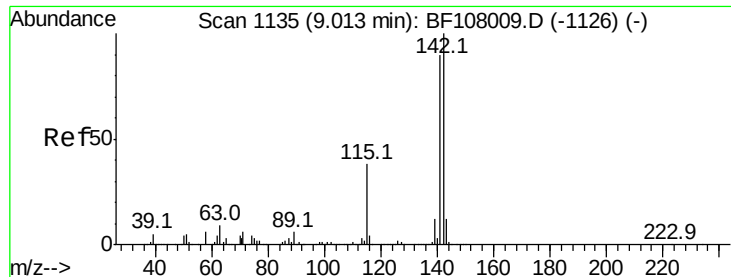
Sohil
 8/17/2018 3:30:57 PM



#36
 4-Chloro-3-methylphenol
 Concen: 11.274 ng
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	79.6	62.0	93.0





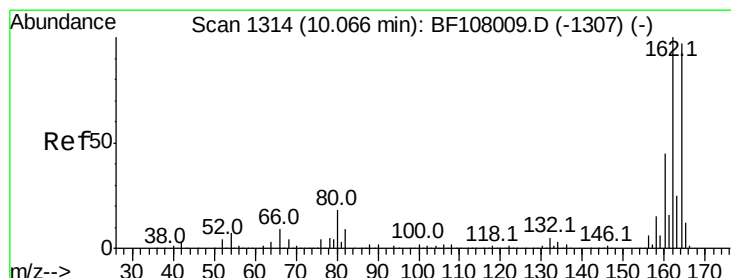
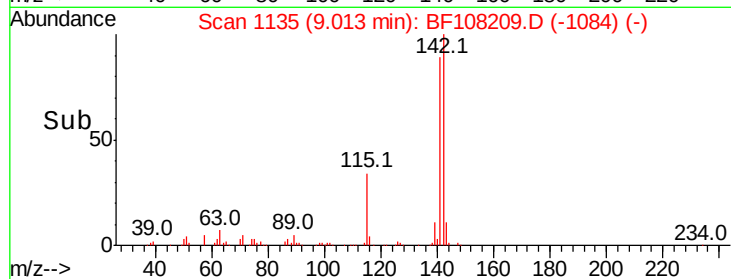
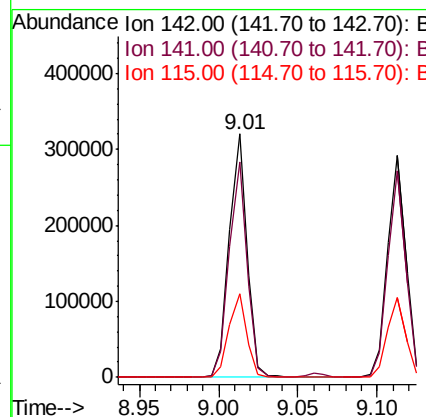
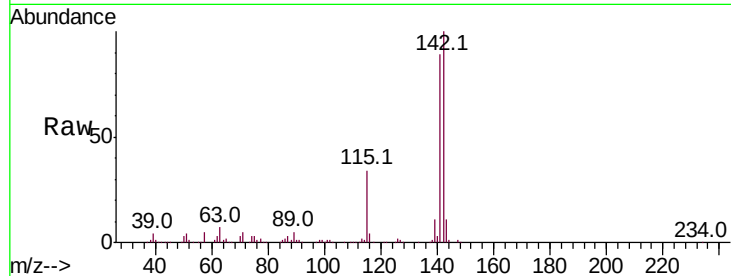
#37
2-Methylnaphthalene
Concen: 12.449 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	34.4	26.1	39.1

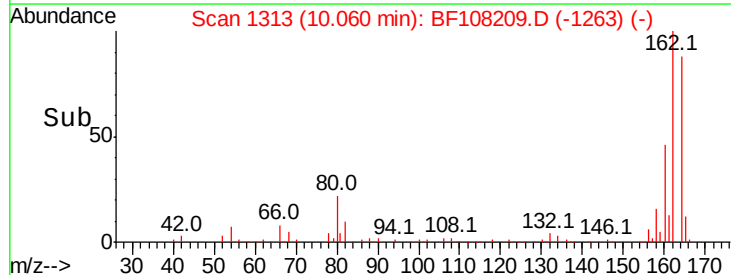
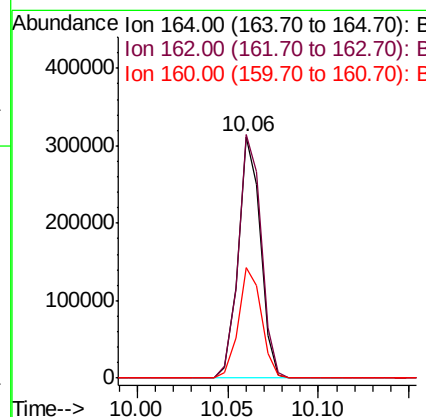
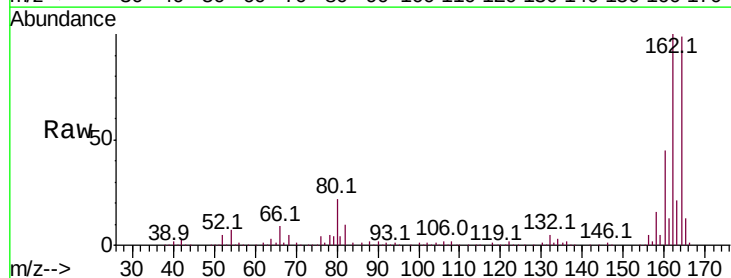
Manual Integrations
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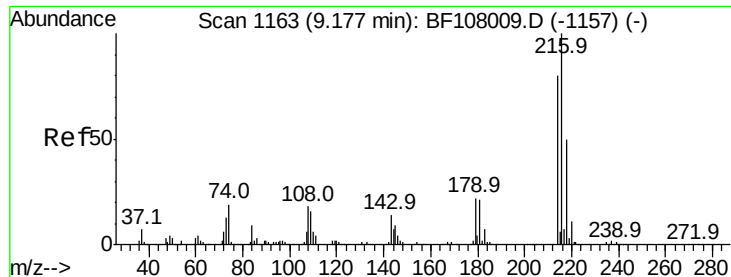
Sohil
8/17/2018 3:30:57 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	45.6	38.3	57.5





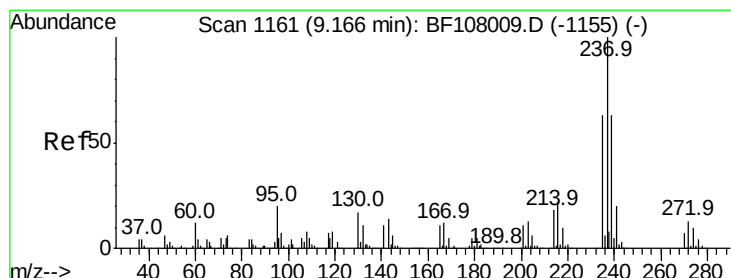
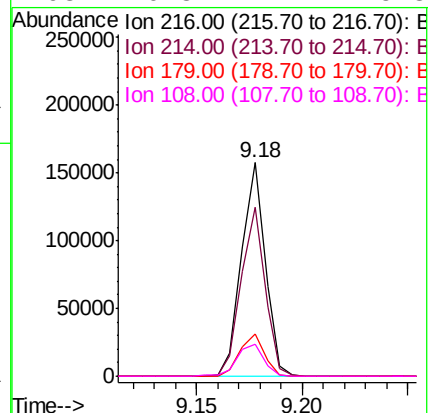
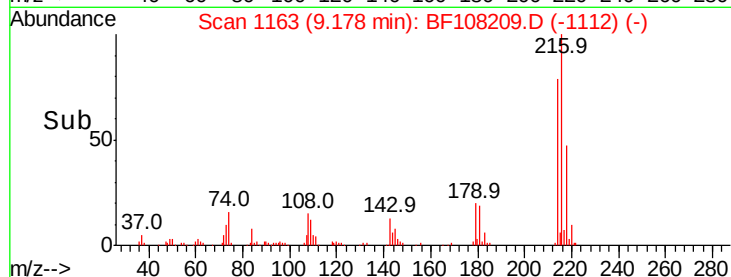
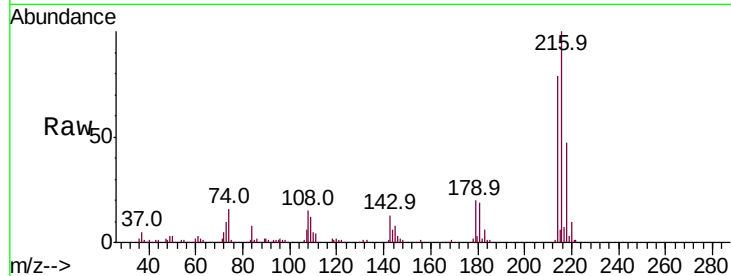
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.992 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.0	18.1	27.1
108	16.8	17.2	25.8#

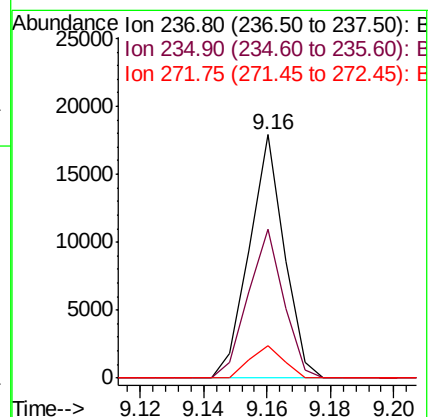
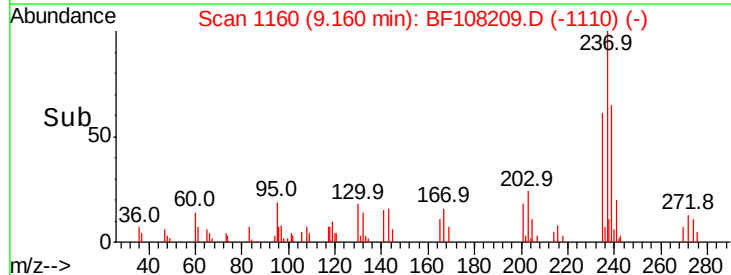
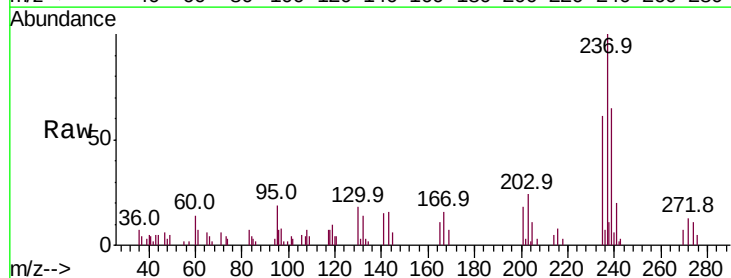
Manual Integrations
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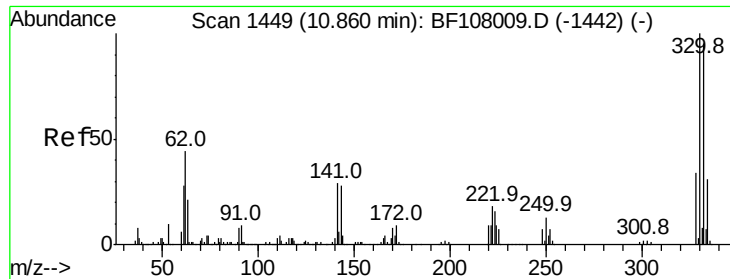
Sohil
 8/17/2018 3:30:57 PM



#40
 Hexachlorocyclopentadiene
 Concen: 2.604 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.1	44.8	84.8
272	13.1	0.0	33.3





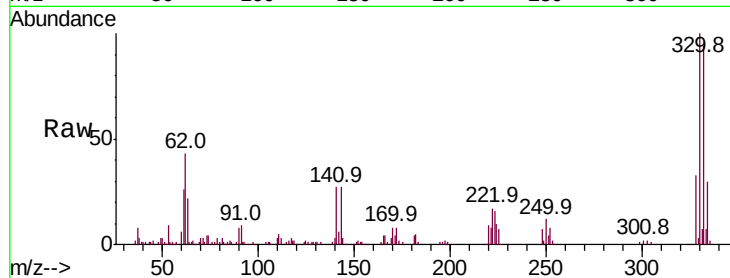
#41
 2,4,6-Tribromophenol
 Concen: 31.766 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.4	29.9	44.9

Manual Integrations
 APPROVED

Sohil
 8/17/2018 3:30:57 PM

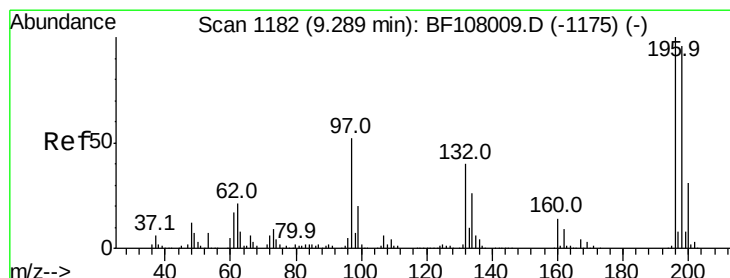
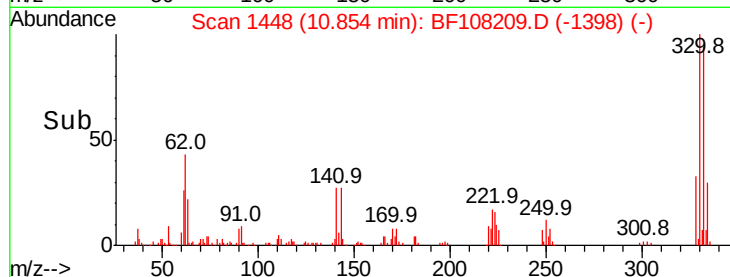
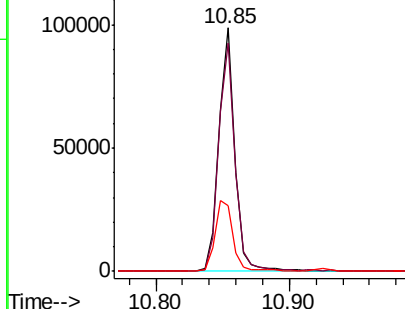


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 13.798 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

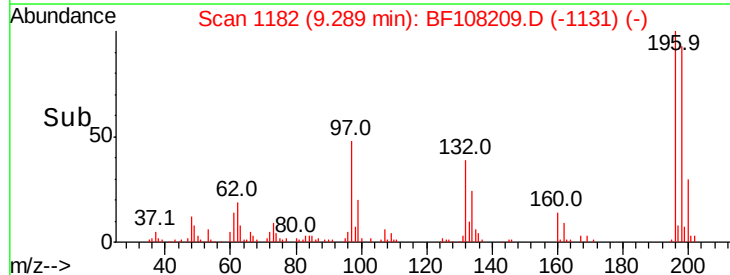
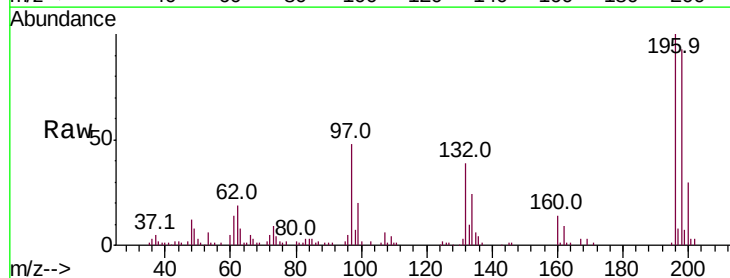
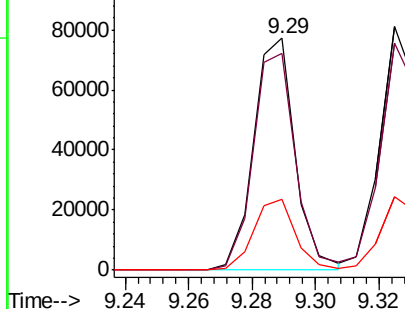
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	30.3	24.5	36.7

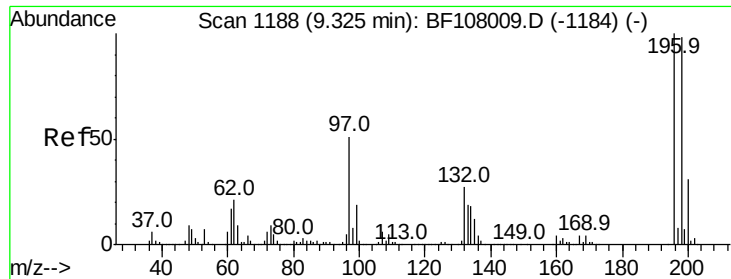
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





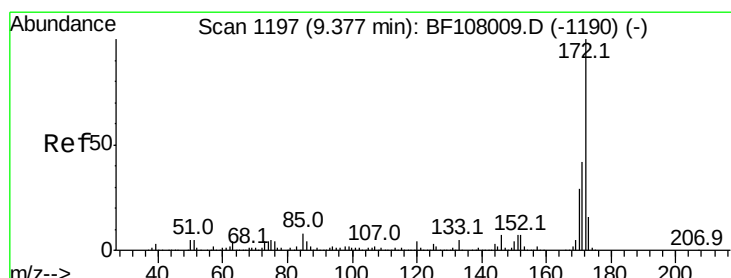
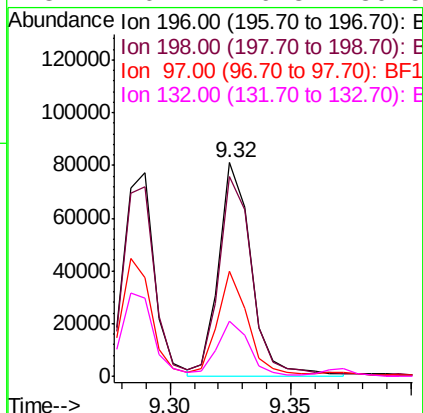
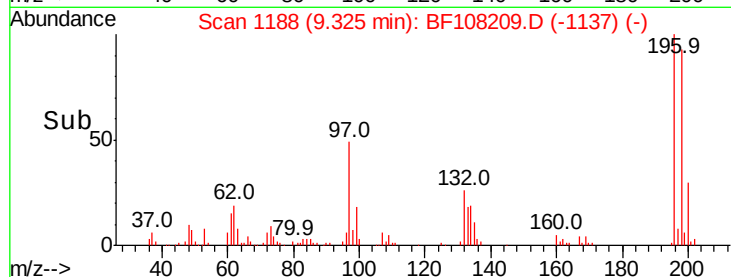
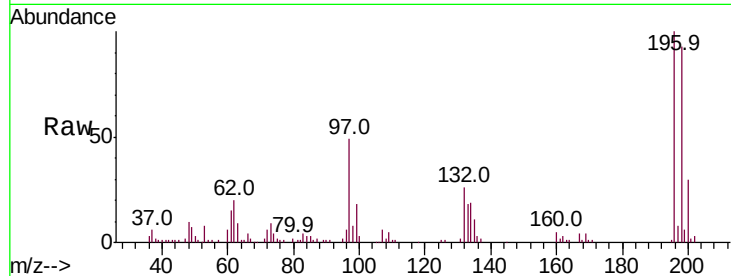
#43
 2,4,5-Trichlorophenol
 Concen: 13.515 ng m
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	196	Resp	75468
Ion Ratio	Lower	Upper	
196	100		
198	93.4	74.6	112.0
97	49.5	42.9	64.3
132	26.1	26.3	39.5#

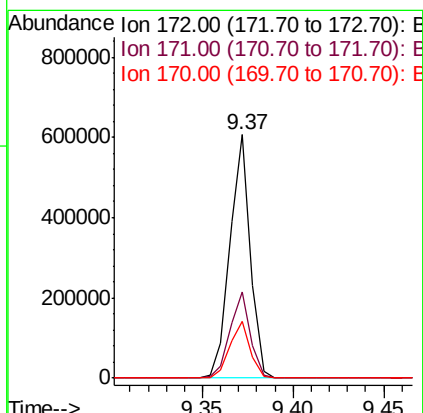
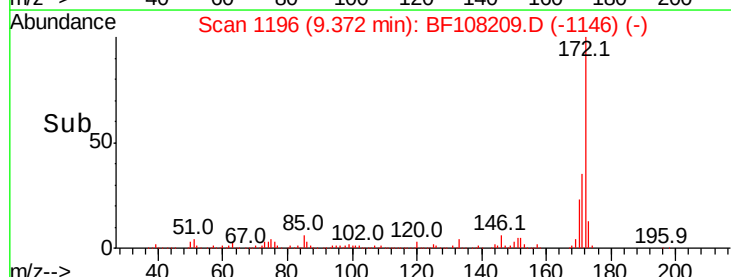
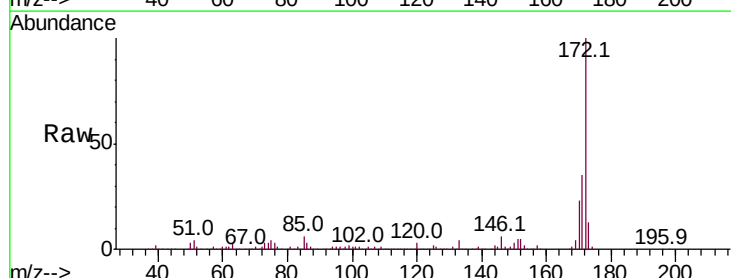
Manual Integrations
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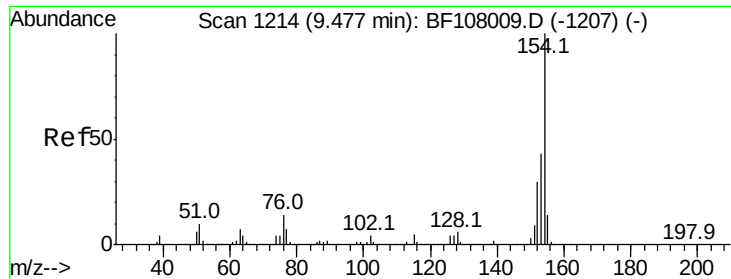
Sohil
 8/17/2018 3:30:57 PM



#44
 2-Fluorobiphenyl
 Concen: 28.666 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	172	Resp	475277
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	23.3	19.6	29.4





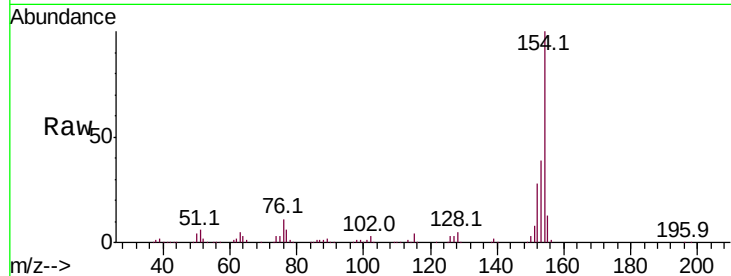
#45
 1,1'-Biphenyl
 Concen: 15.178 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

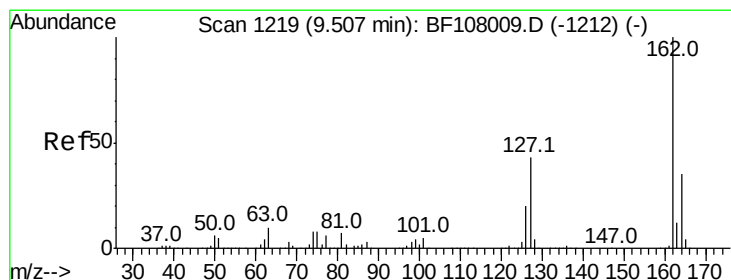
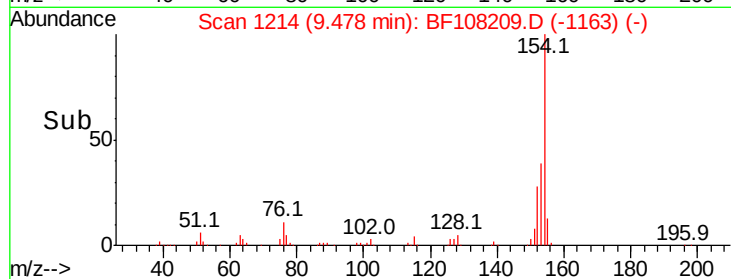
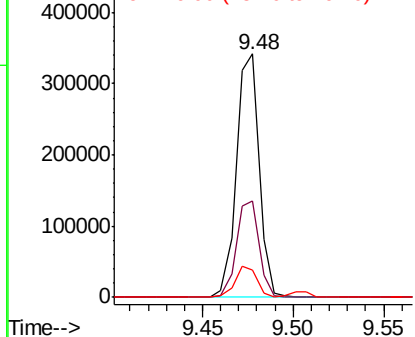
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	21.3	61.3	
76	11.2	0.0	34.0	

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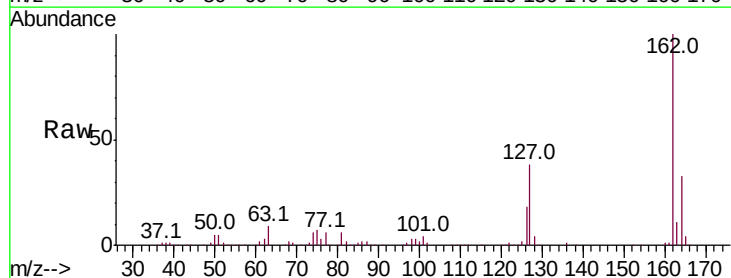


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

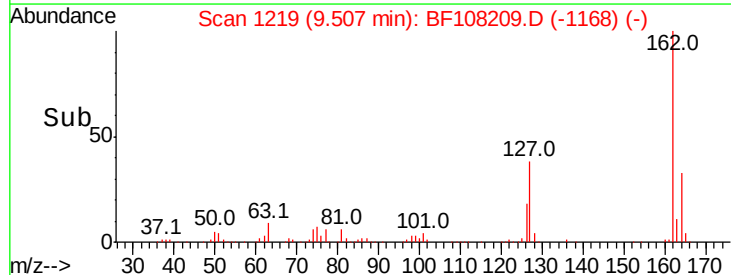
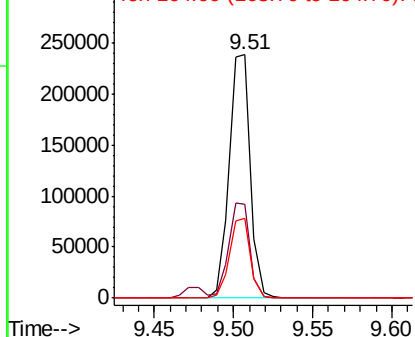


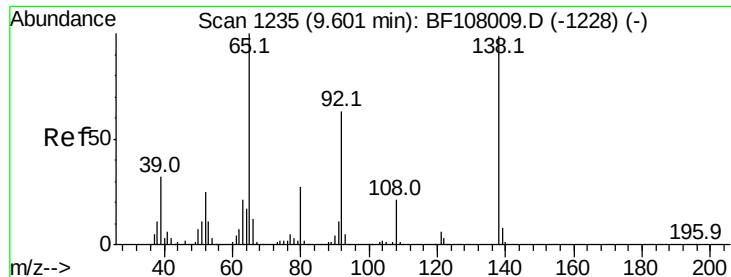
#46
 2-Chloronaphthalene
 Concen: 14.262 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	33.9	50.9	
164	32.6	26.5	39.7	



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





#47

2-Nitroaniline

Concen: 13.399 ng

RT: 9.60 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

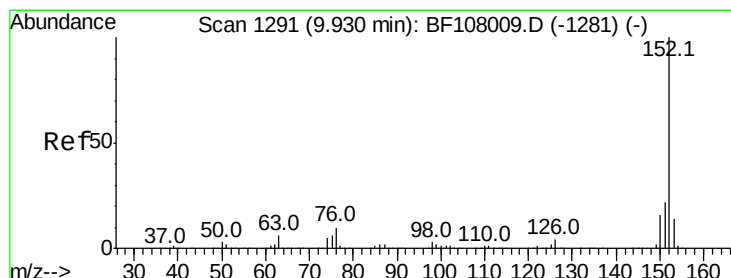
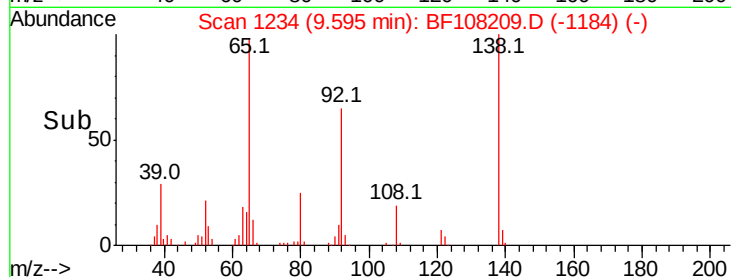
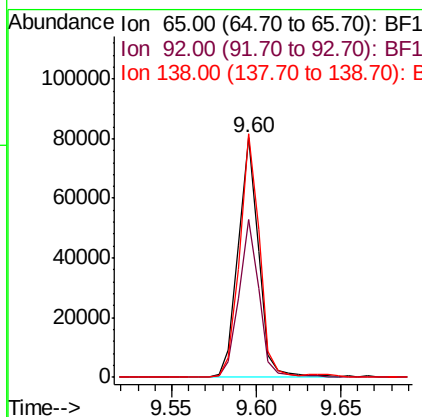
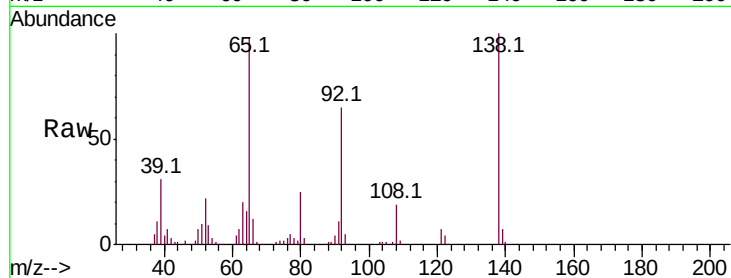
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion:	65	Resp:	67251
Ion Ratio	Lower	Upper	
65	100		
92	66.1	55.8	83.6
138	101.8	91.2	136.8

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#48

Acenaphthylene

Concen: 14.287 ng

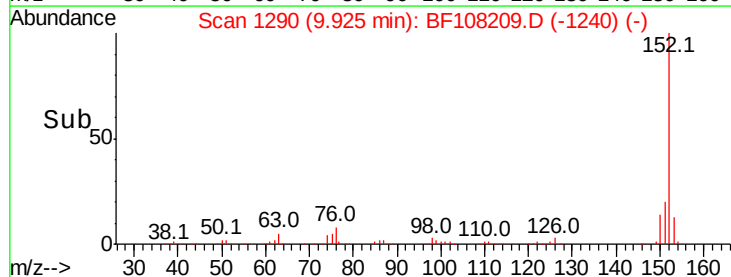
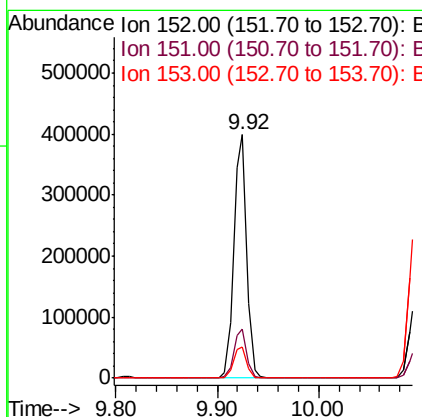
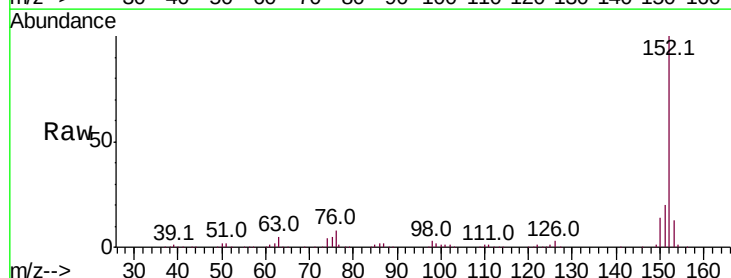
RT: 9.92 min Scan# 1290

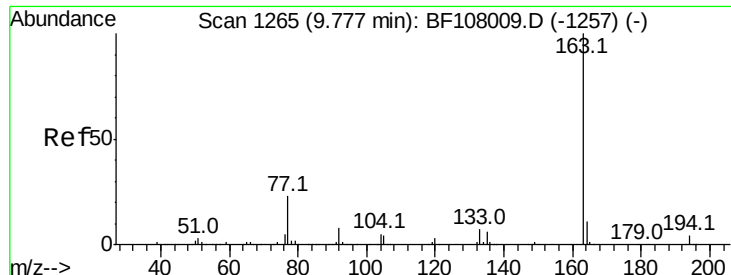
Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:	152	Resp:	350354
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.3	24.5
153	13.0	10.7	16.1





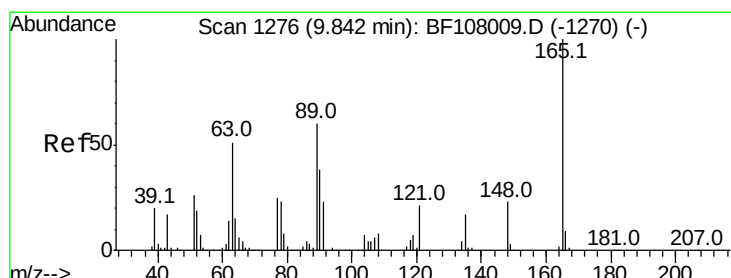
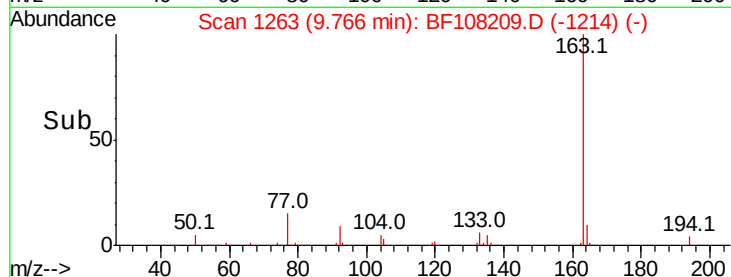
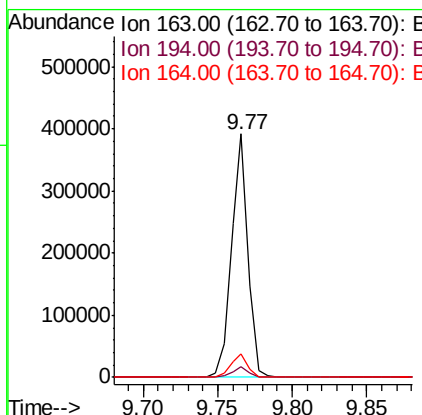
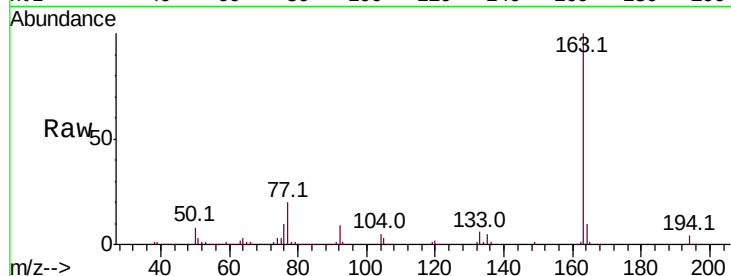
#49
 Dimethylphthalate
 Concen: 16.444 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	9.7	8.2	12.2	

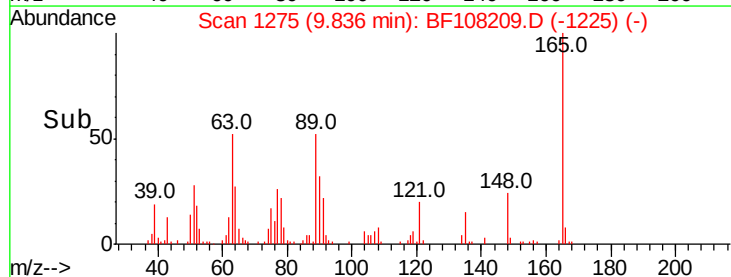
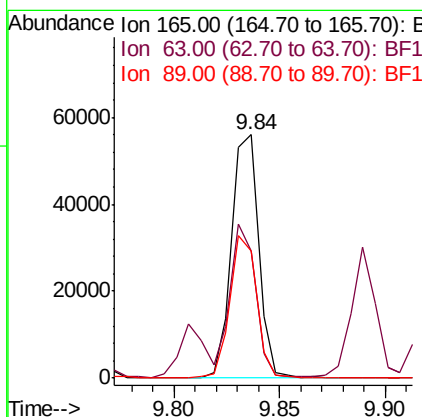
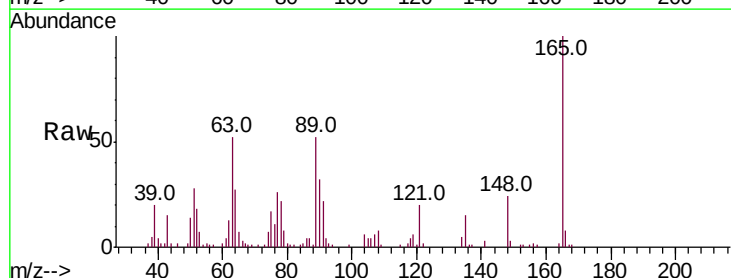
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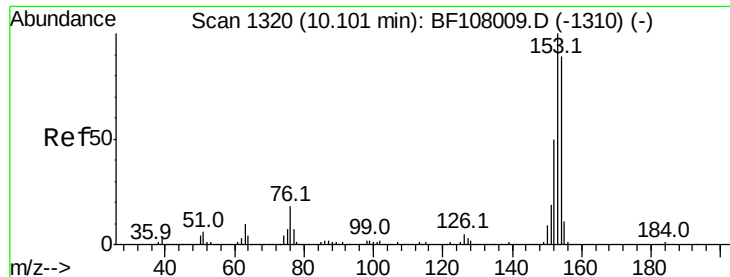
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 12.802 ng
 RT: 9.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.1	44.7	67.1	
89	52.4	44.0	66.0	





#51

Acenaphthene

Concen: 13.298 ng

RT: 10.10 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

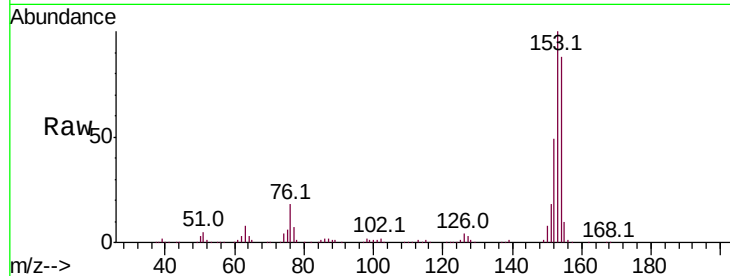
ClientSampleId :

LSB-07(0-1)MSD

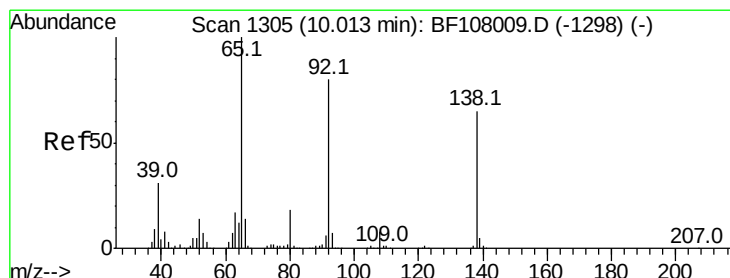
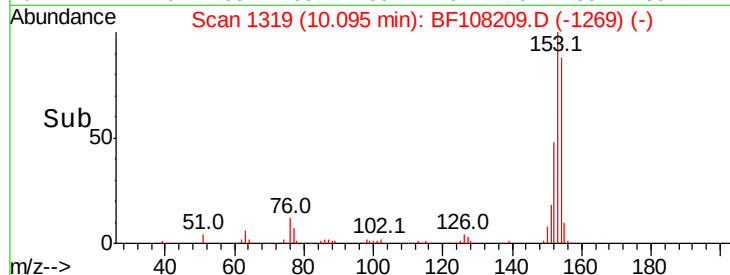
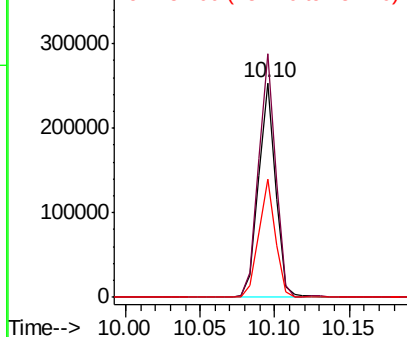
Tot Ion:154	Resp:	199734
Ion Ratio	Lower	Upper
154	100	
153	113.6	91.2 136.8
152	55.4	43.8 65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.520 ng

RT: 10.01 min Scan# 1304

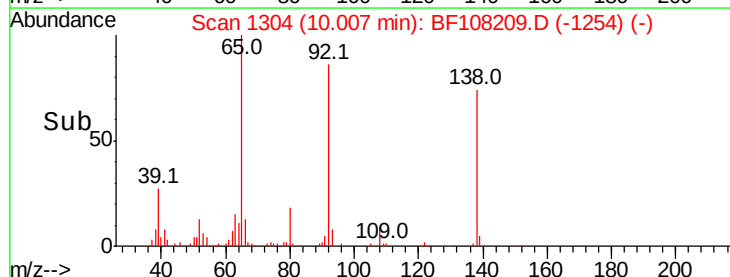
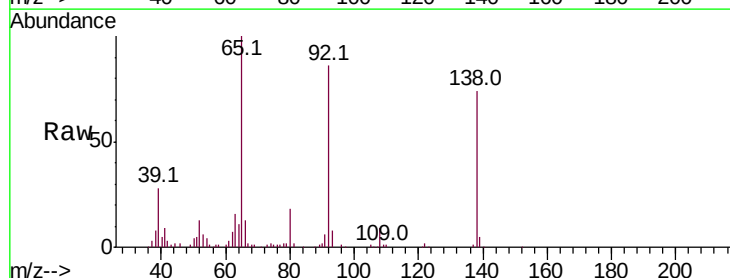
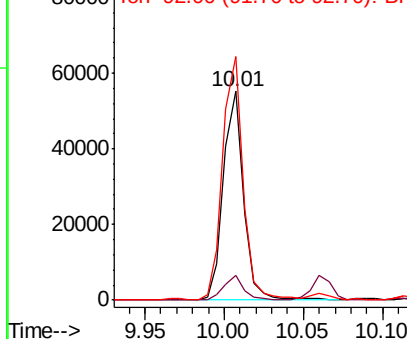
Delta R.T. -0.01 min

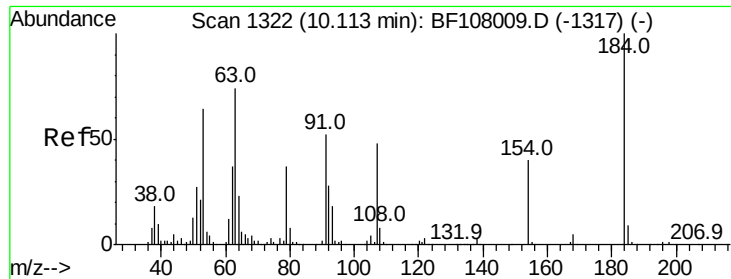
Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:138	Resp:	48896
Ion Ratio	Lower	Upper
138	100	
108	11.7	9.4 14.0
92	116.5	89.4 134.2

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





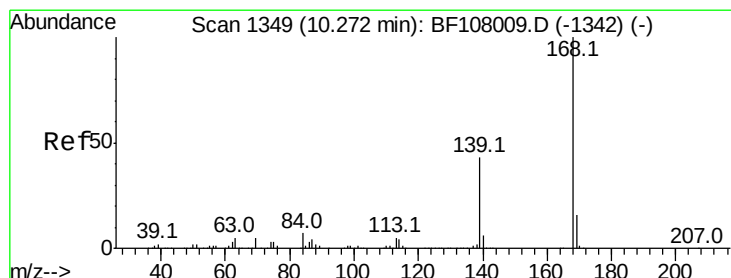
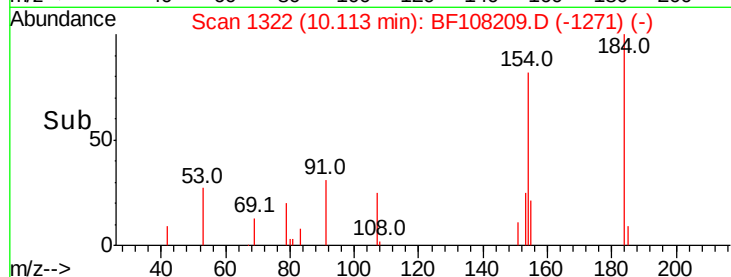
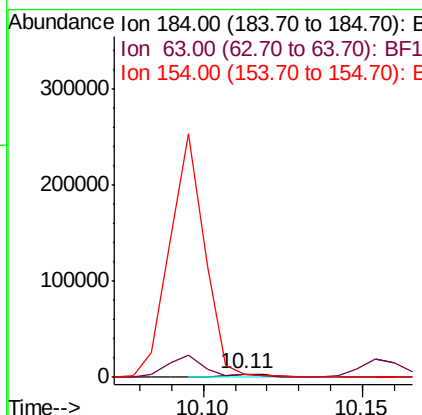
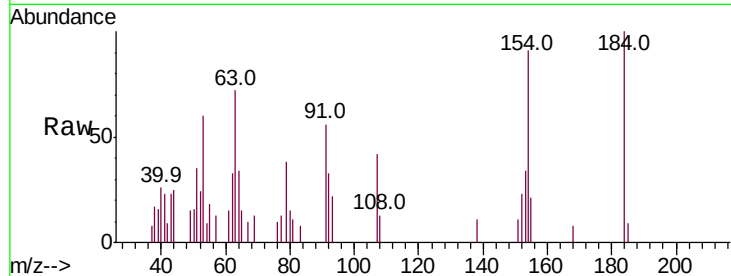
#53
2,4-Dinitrophenol
Concen: 9.011 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.5	54.2	81.2
154	90.9	184.0	276.0#

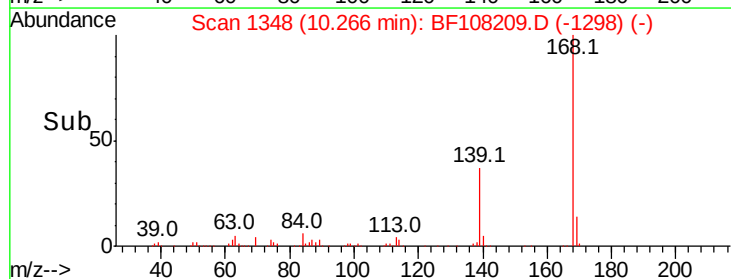
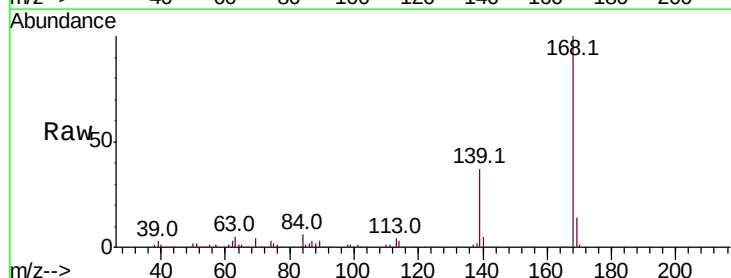
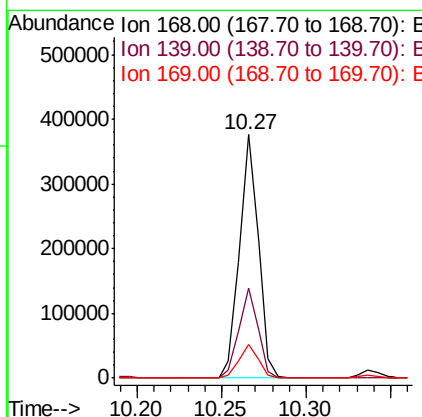
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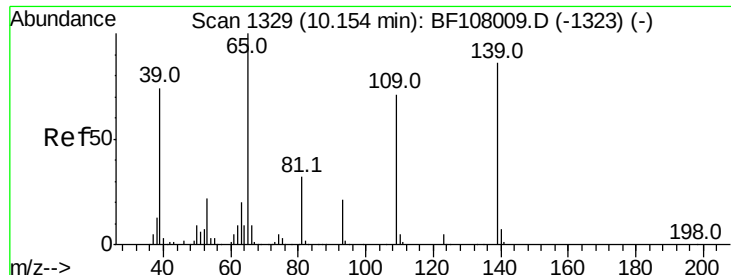
Sohil
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#54
Dibenzofuran
Concen: 13.482 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	13.9	10.9	16.3





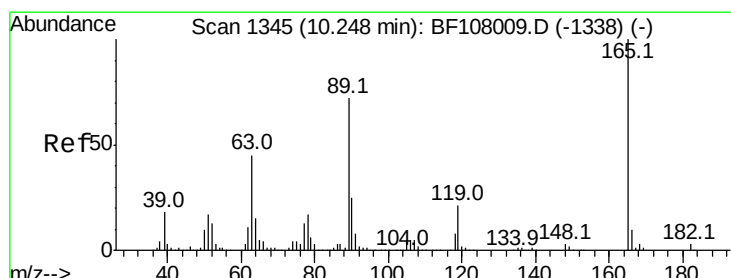
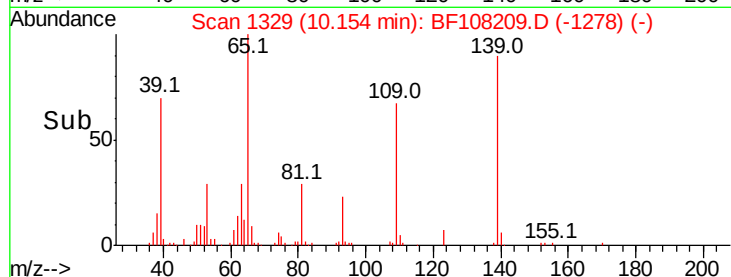
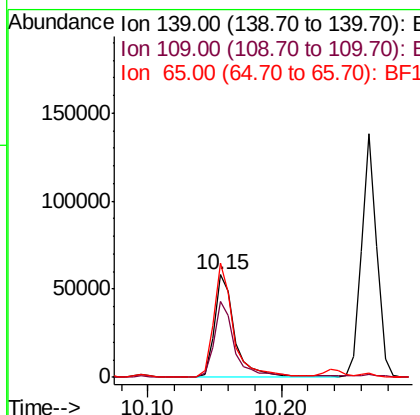
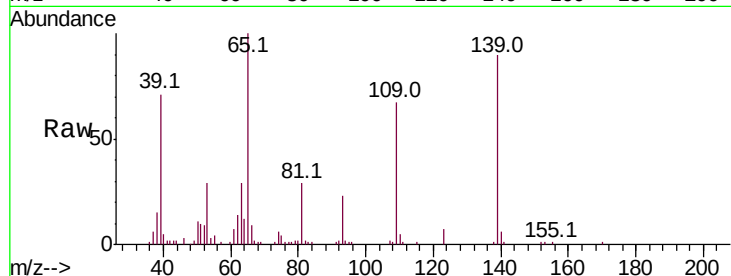
#55
4-Nitrophenol
Concen: 19.812 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	74.5	48.4	88.4
65	111.4	72.6	112.6

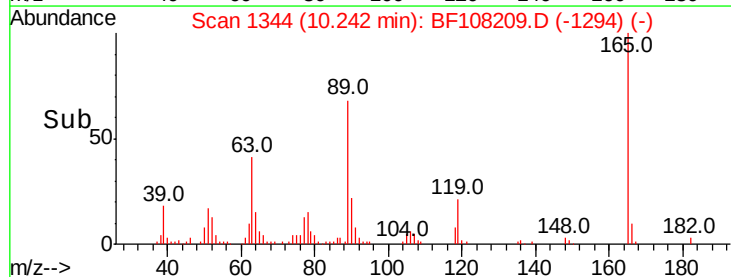
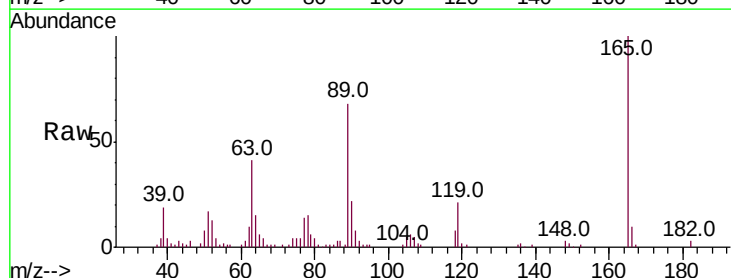
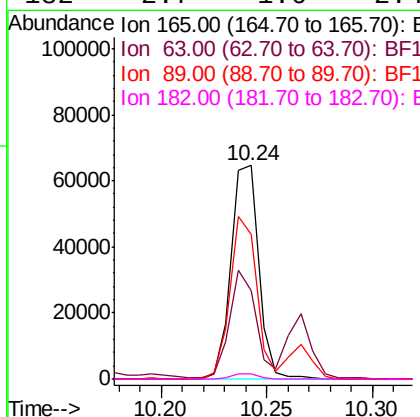
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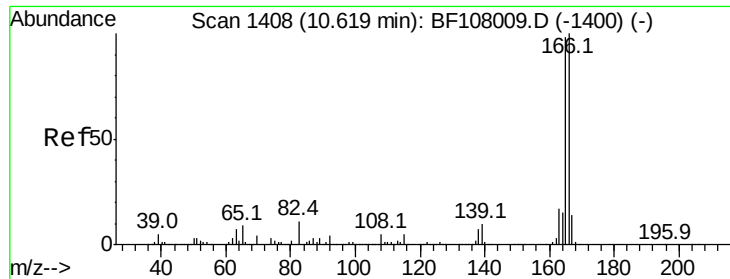
Sohil
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#56
2,4-Dinitrotoluene
Concen: 11.669 ng
RT: 10.24 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.1	36.4	54.6
89	67.8	57.8	86.6
182	2.7	1.6	2.4#





#57

Fluorene

Concen: 13.452 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

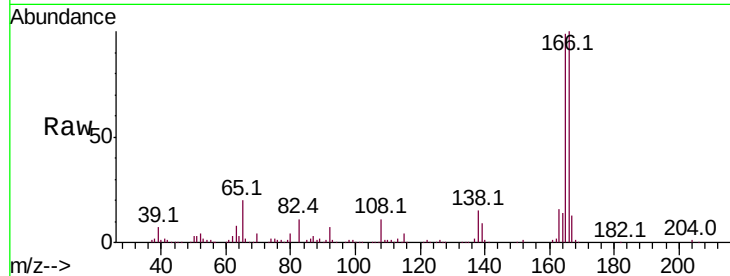
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion:	166	Resp:	231718
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	12.9	10.6	16.0

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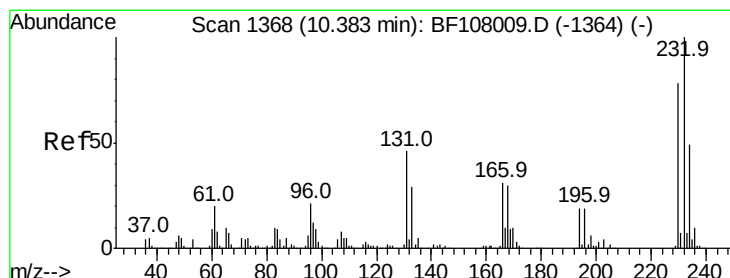
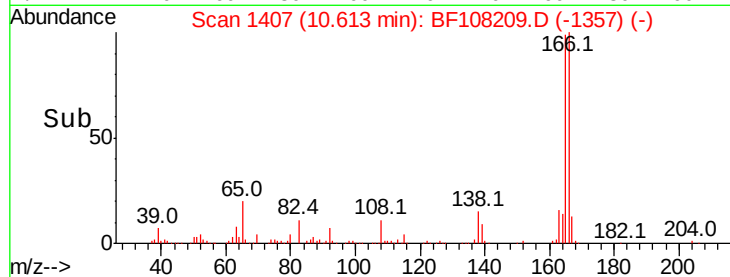
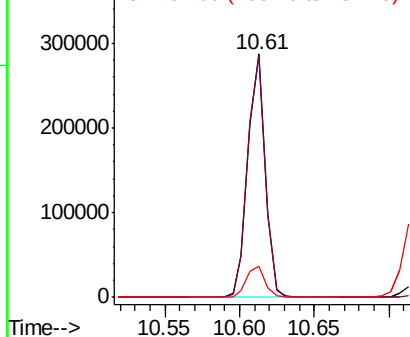


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 11.234 ng

RT: 10.38 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:	232	Resp:	52431
Ion Ratio	Lower	Upper	
232	100		
131	45.5	43.8	65.8
130	2.1	2.1	3.1
166	29.8	27.8	41.6

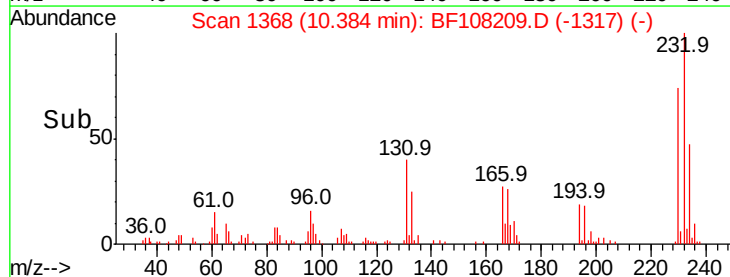
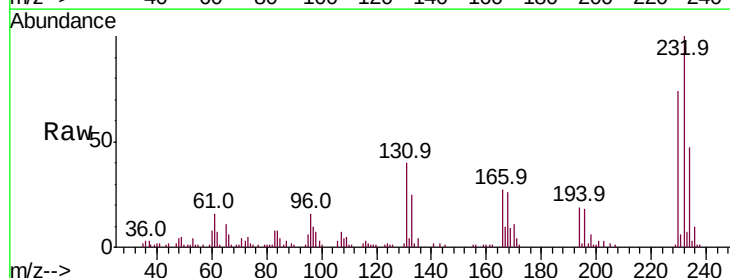
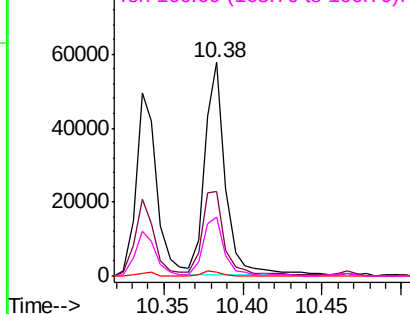
Abundance

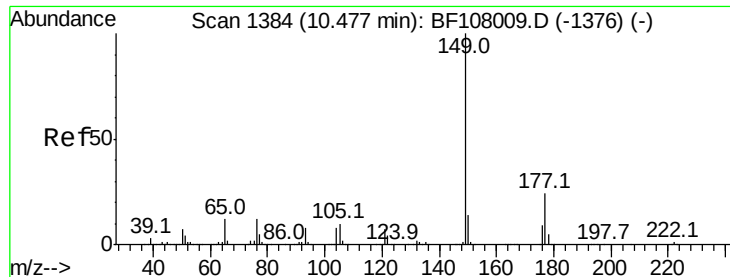
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





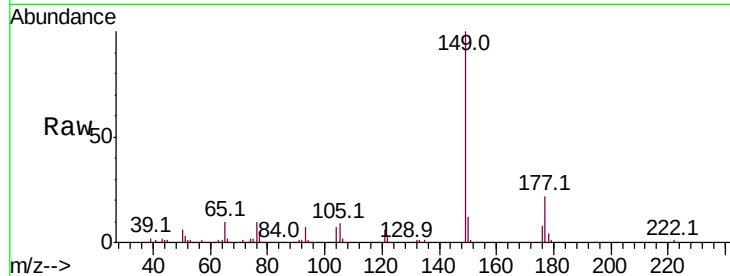
#59
Diethylphthalate
Concen: 13.700 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

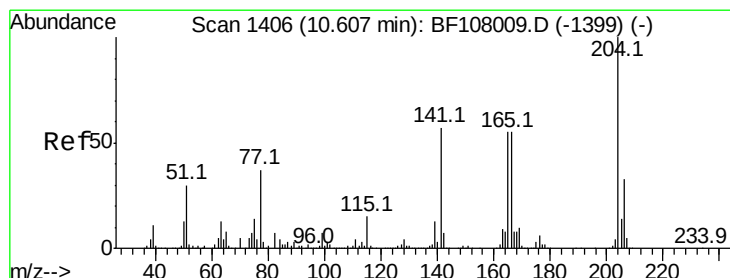
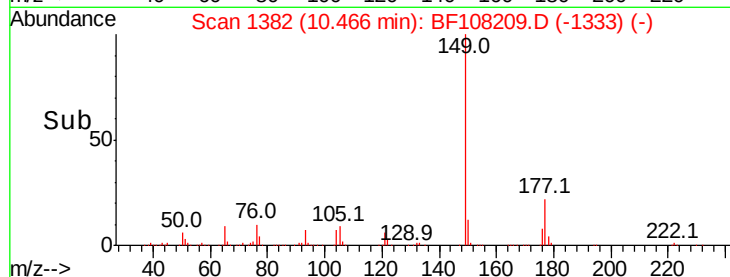
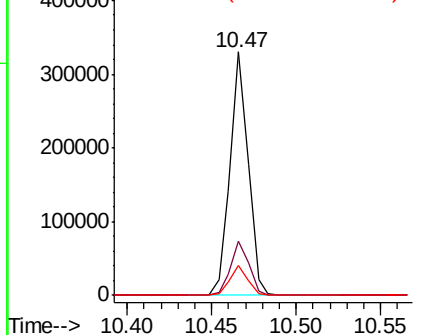
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.1	24.1
150	12.2	10.1	15.1

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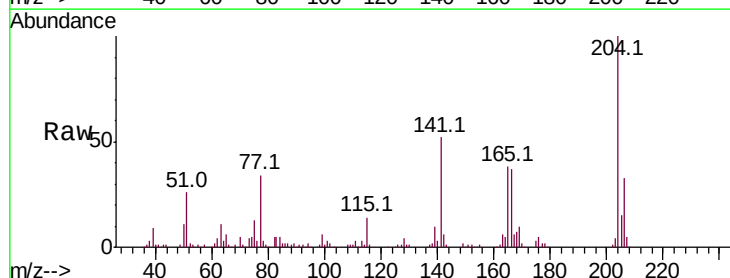


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

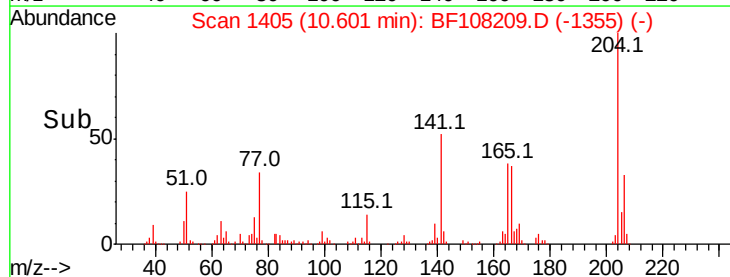
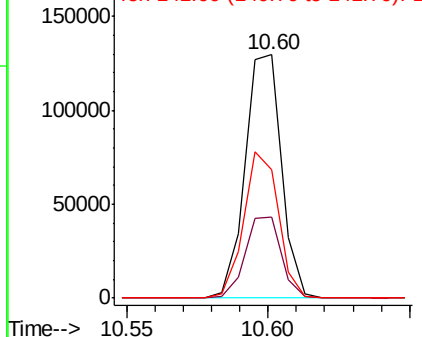


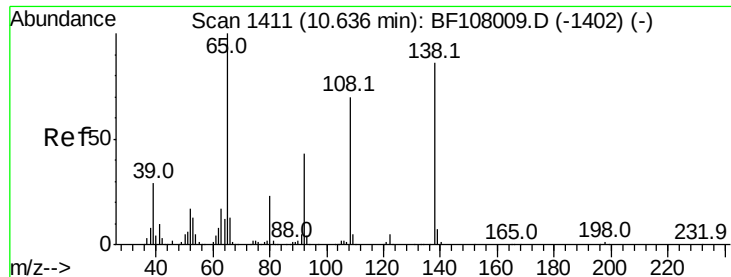
#60
4-Chlorophenyl-phenylether
Concen: 12.915 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	52.5	54.6	81.8#



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





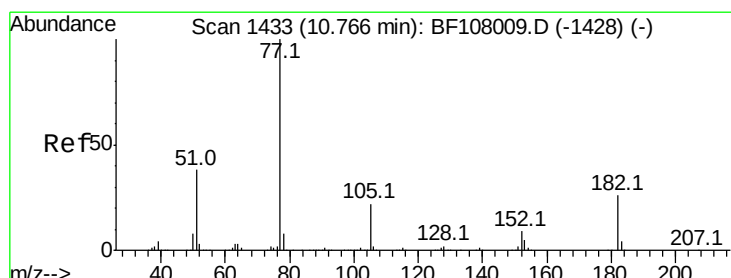
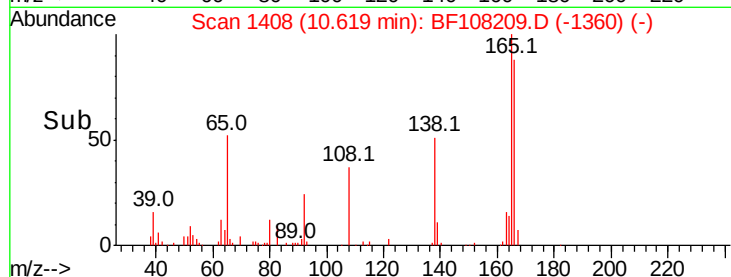
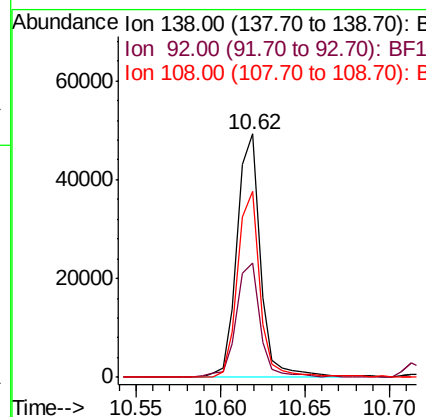
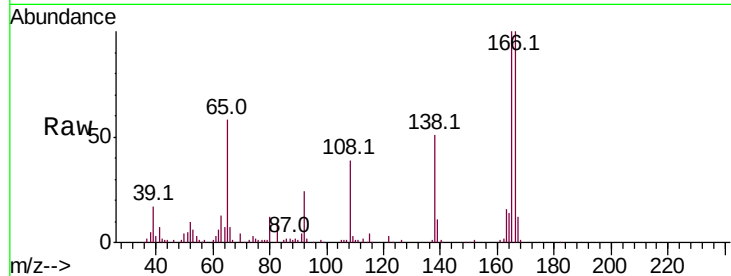
#61
4-Nitroaniline
Concen: 11.344 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.2	30.2	70.2
108	76.4	52.5	92.5

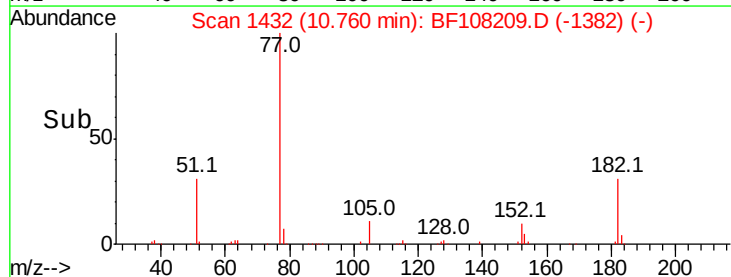
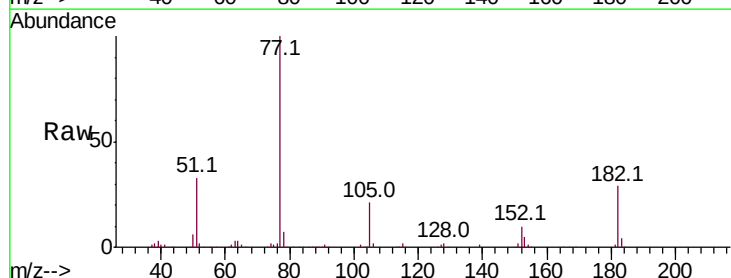
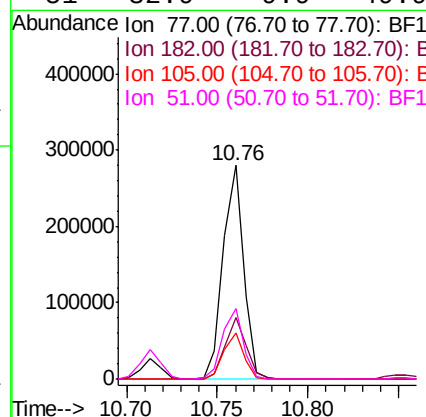
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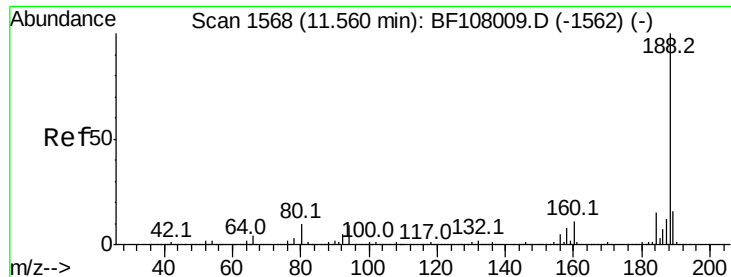
Sohil
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#62
Azobenzene
Concen: 11.873 ng
RT: 10.76 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.9	1.7	41.7
105	21.5	3.0	43.0
51	32.9	9.9	49.9





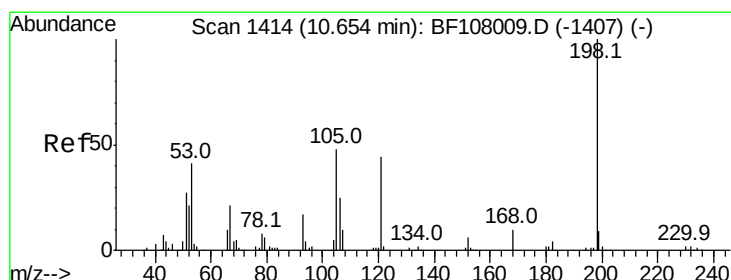
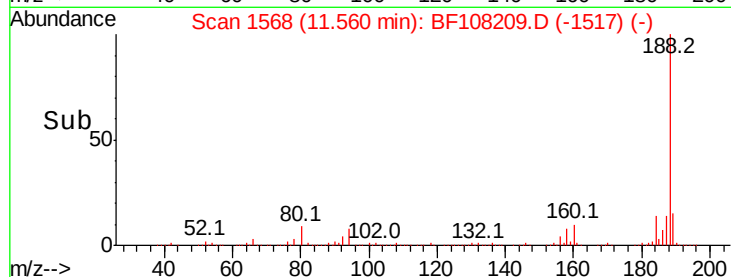
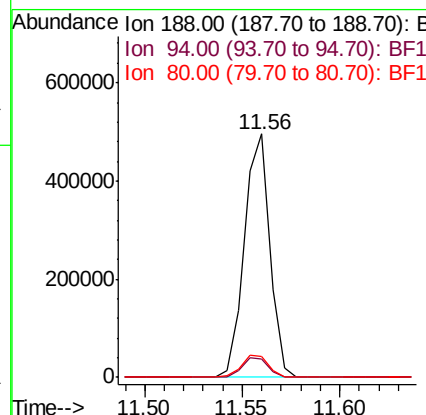
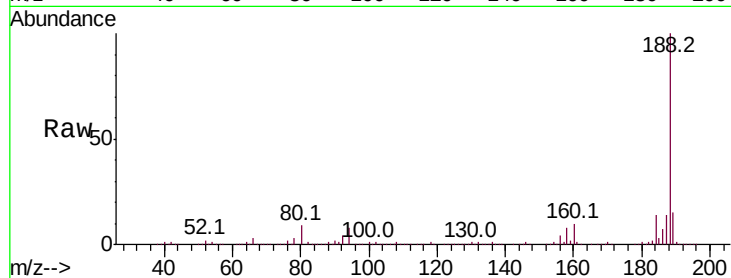
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	447856		
94	7.8		8.5	12.7#
80	8.6		9.2	13.8#

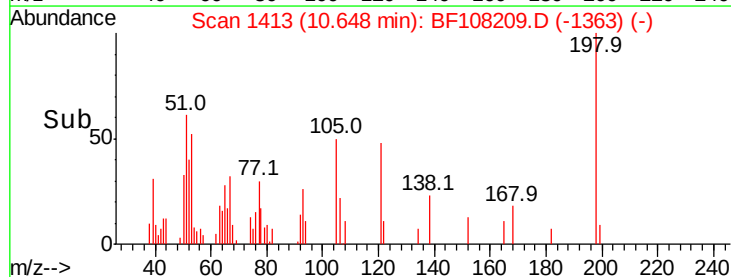
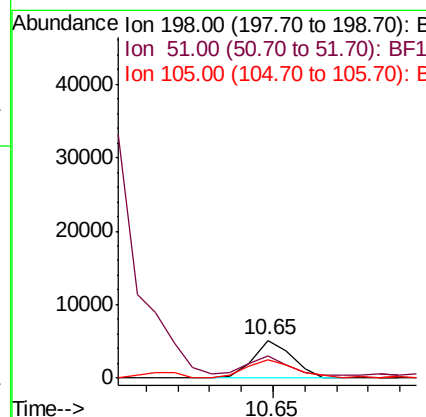
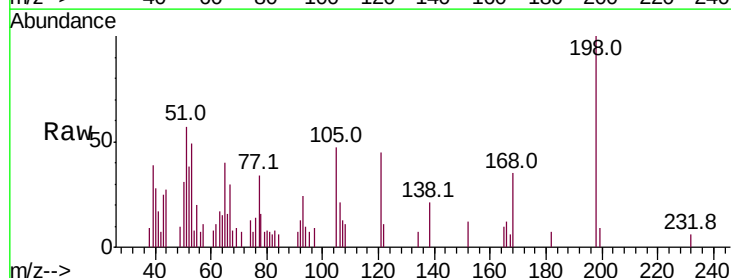
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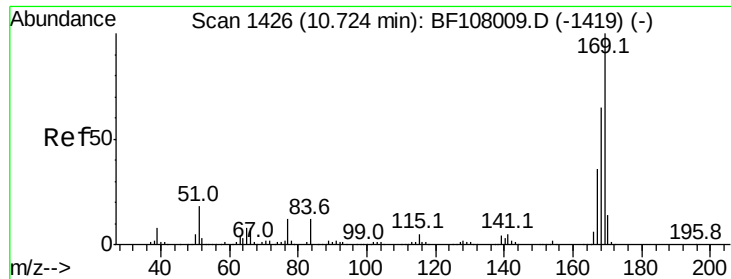
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.699 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	4430		
51	57.3		37.7	77.7
105	47.1		36.3	76.3





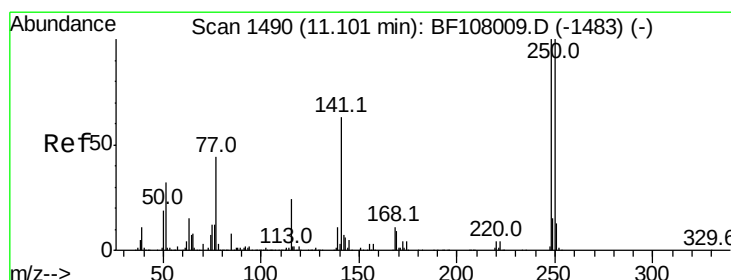
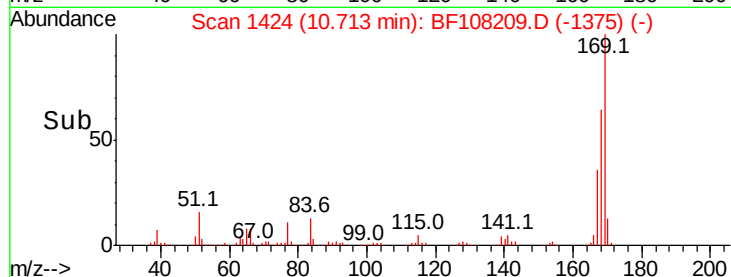
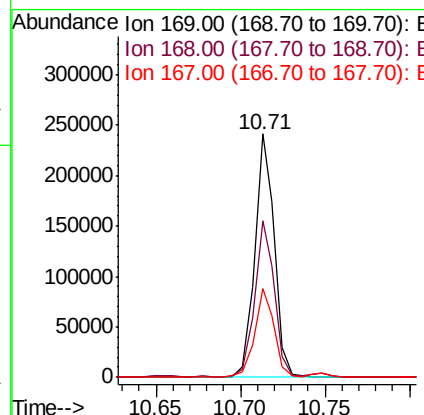
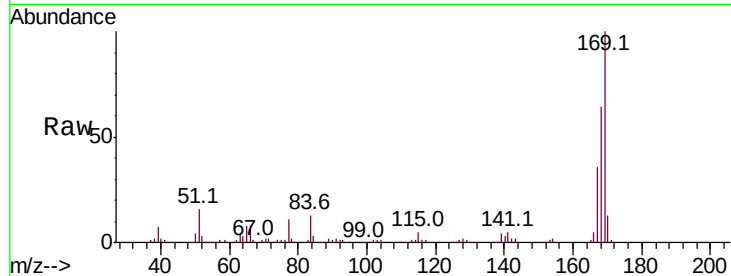
#65
 n-Nitrosodiphenylamine
 Concen: 14.780 ng
 RT: 10.71 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	195613		
168	64.2	54.4	81.6	
167	36.2	29.8	44.6	

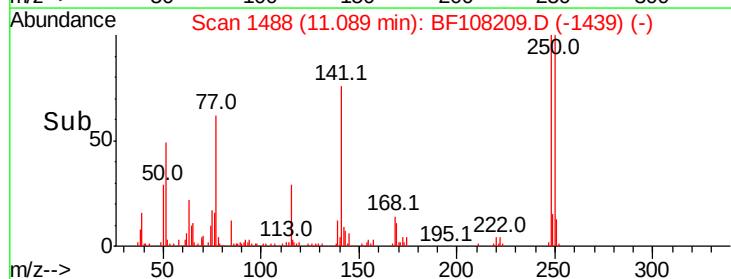
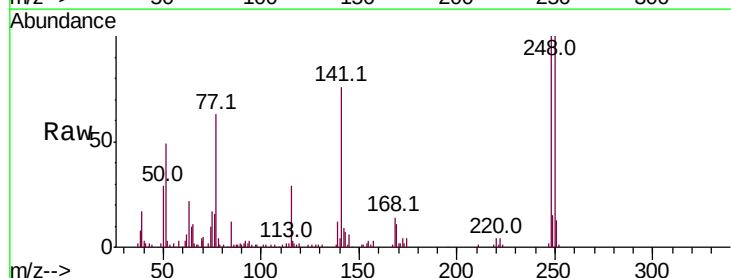
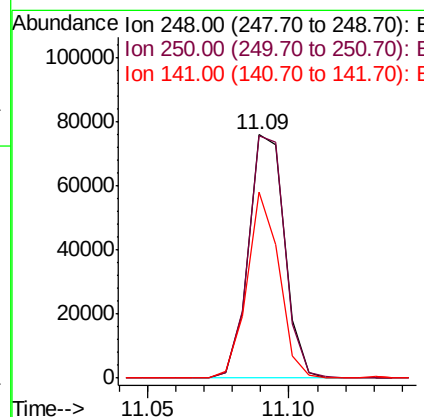
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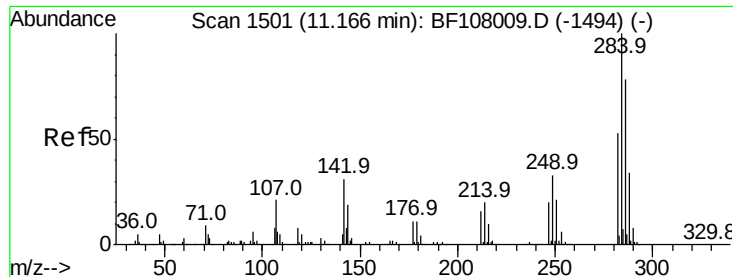
Sohil
 8/17/2018 3:30:57 PM



#66
 4-Bromophenyl-phenylether
 Concen: 13.852 ng
 RT: 11.09 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	67418		
250	99.6	76.9	115.3	
141	76.3	74.4	111.6	





#67

Hexachlorobenzene

Concen: 13.270 ng

RT: 11.16 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

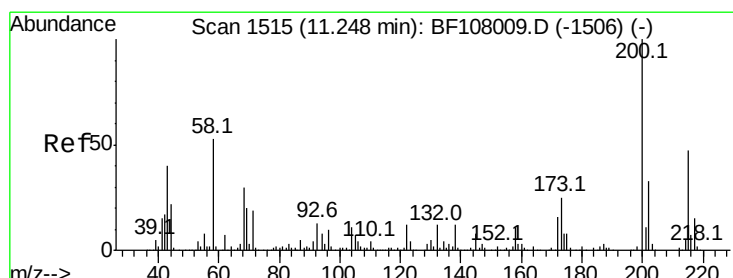
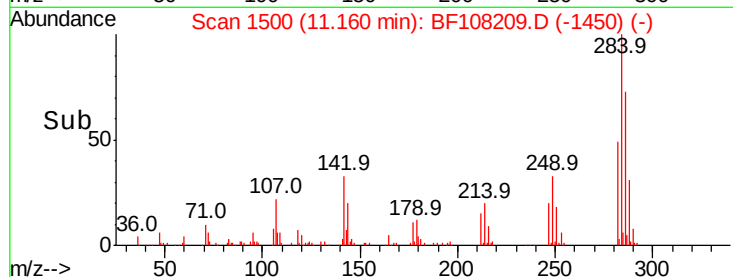
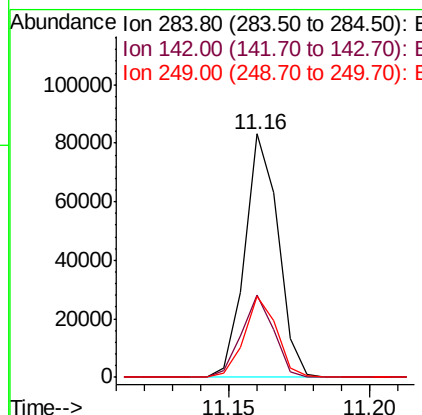
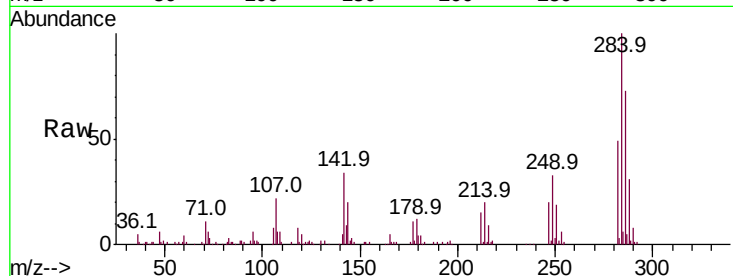
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion:	284	Resp:	67954
Ion Ratio	Lower	Upper	
284	100		
142	33.9	34.6	52.0#
249	33.2	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 13.574 ng

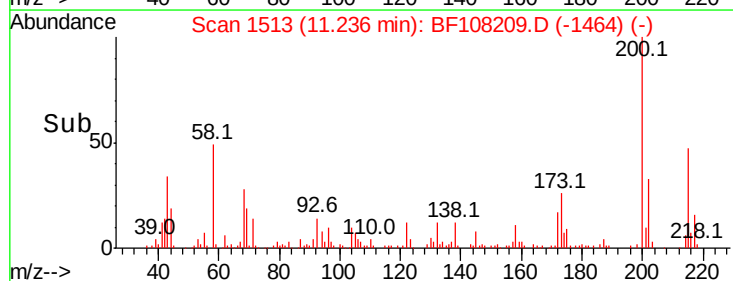
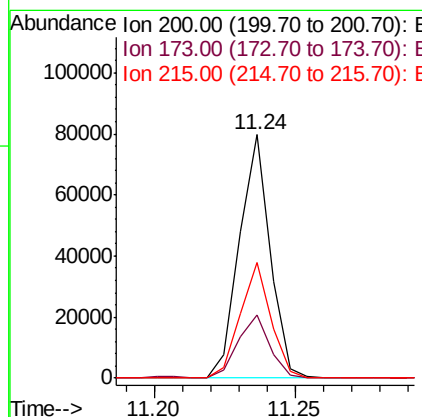
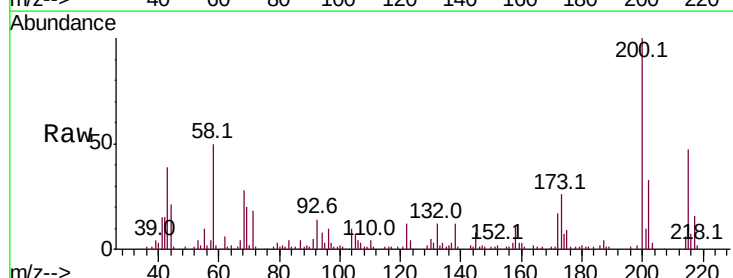
RT: 11.24 min Scan# 1513

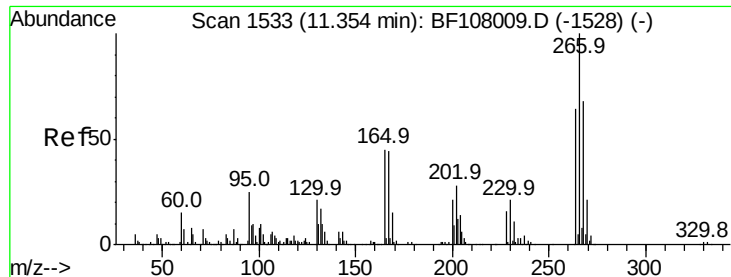
Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:	200	Resp:	60254
Ion Ratio	Lower	Upper	
200	100		
173	25.9	8.6	48.6
215	47.3	25.1	65.1





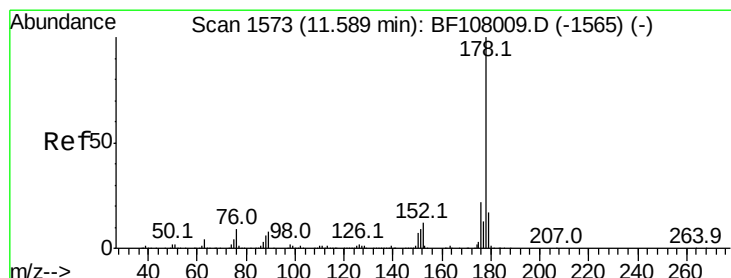
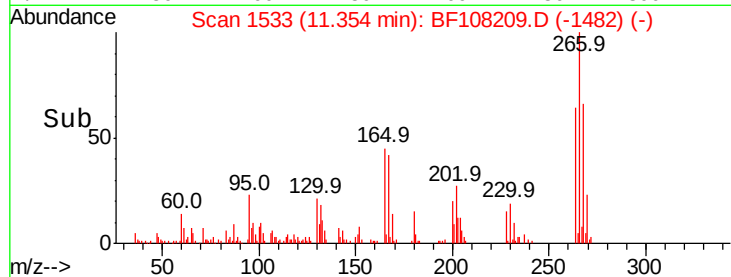
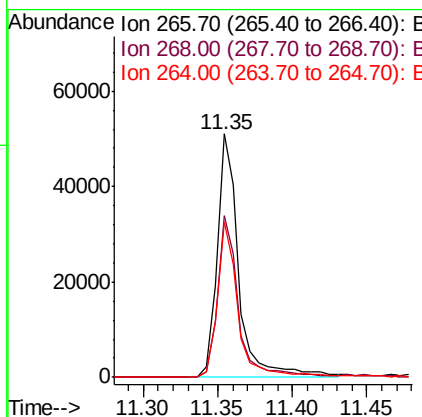
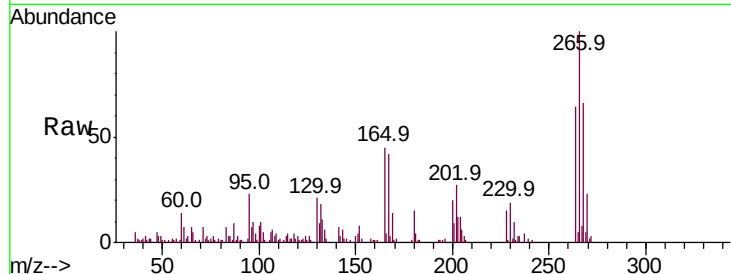
#69
 Pentachlorophenol
 Concen: 21.101 ng
 RT: 11.35 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion:	266	Resp:	51719
Ion Ratio	Lower	Upper	
266	100		
268	66.5	51.1	76.7
264	63.6	49.5	74.3

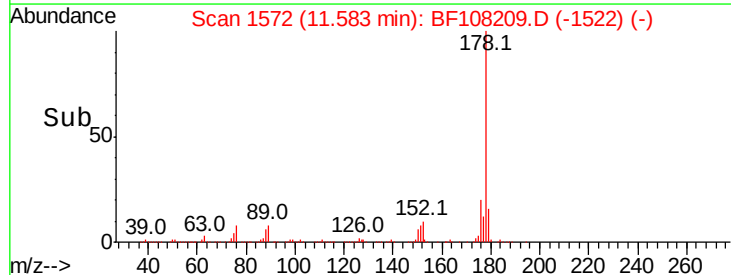
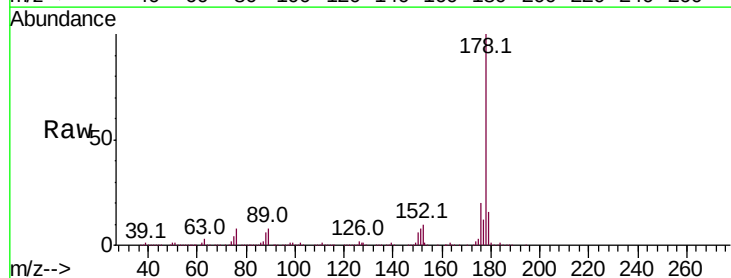
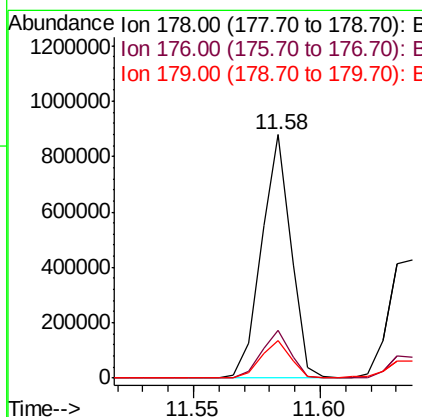
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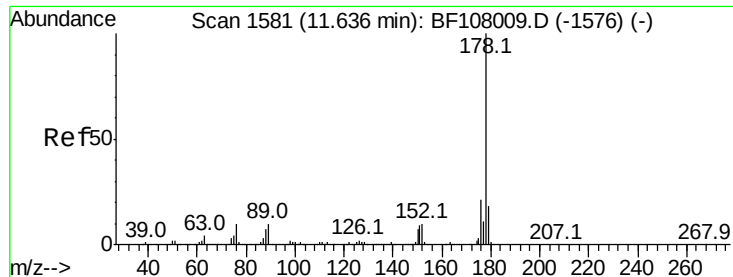
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#70
 Phenanthrene
 Concen: 33.722 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion:	178	Resp:	712326
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6





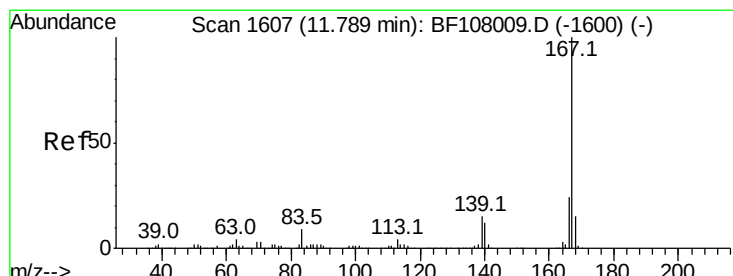
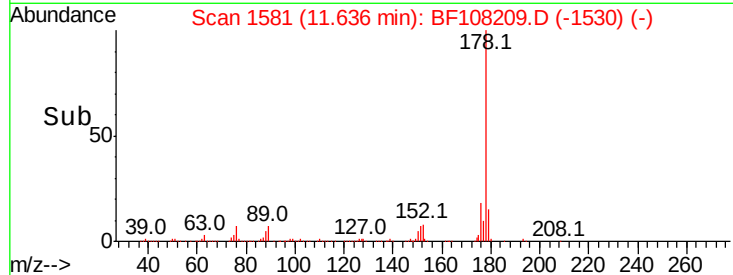
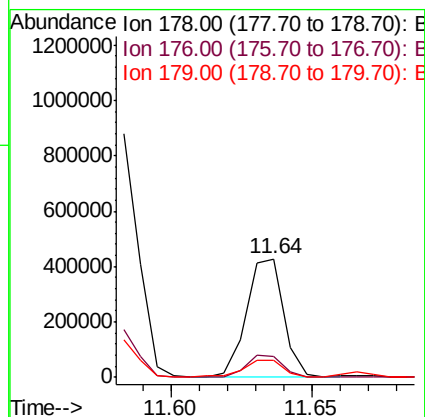
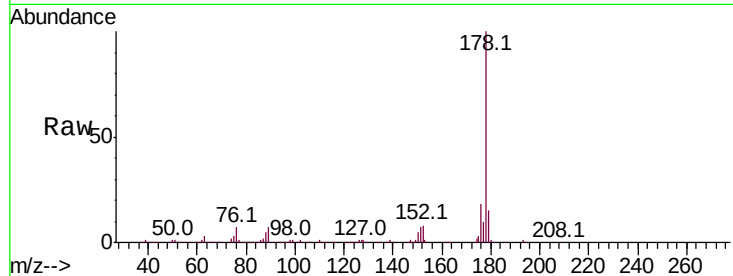
#71
 Anthracene
 Concen: 17.883 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion:178	Resp:	387172
Ion Ratio	Lower	Upper
178	100	
176	18.2	15.4 23.2
179	14.9	12.6 19.0

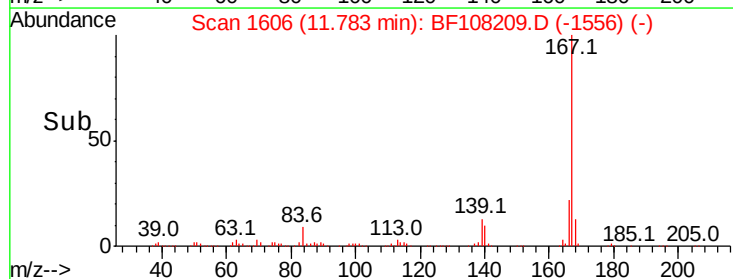
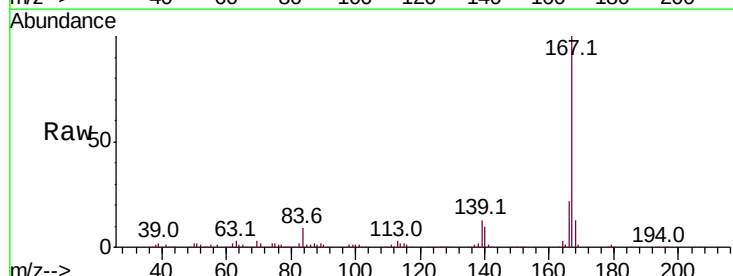
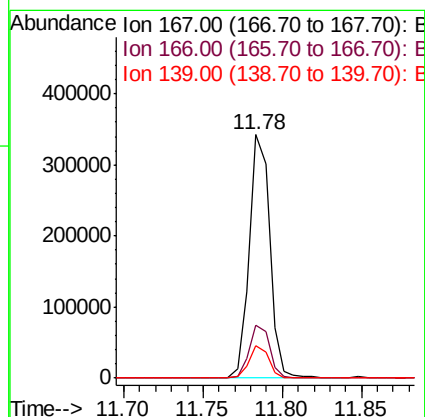
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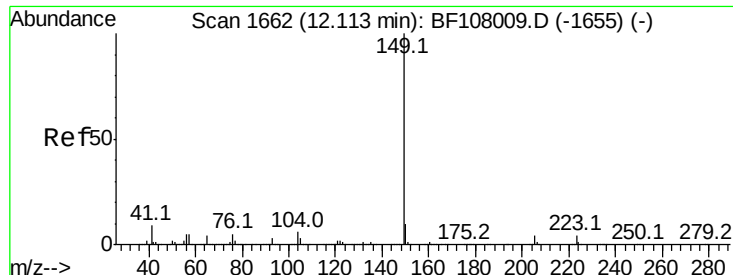
Sohil
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#72
 Carbazole
 Concen: 15.973 ng
 RT: 11.78 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion:167	Resp:	307249
Ion Ratio	Lower	Upper
167	100	
166	21.7	17.6 26.4
139	13.4	10.9 16.3





#73

Di-n-butylphthalate

Concen: 15.480 ng

RT: 12.10 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

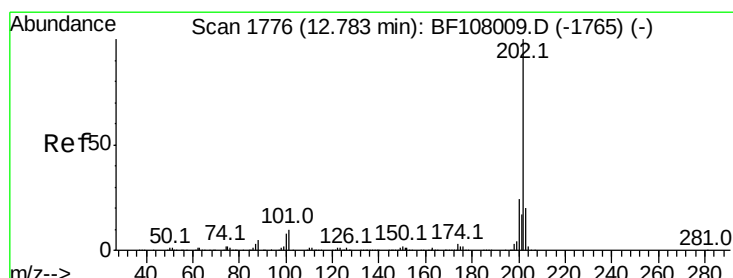
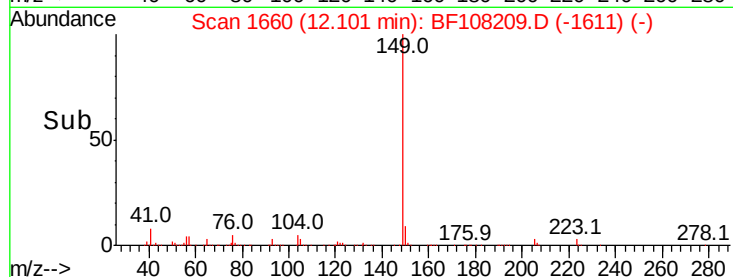
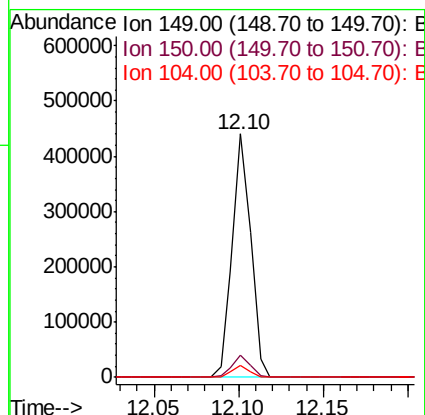
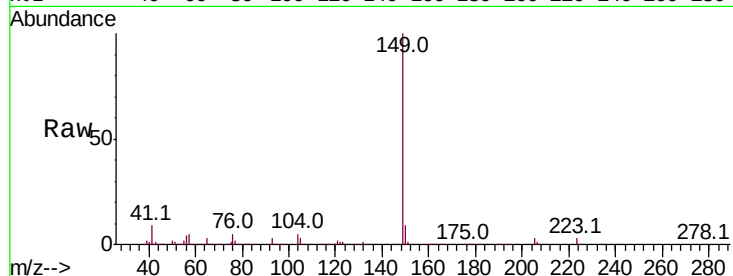
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion:	149	Resp:	337287
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.9	3.8	5.8

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#74

Fluoranthene

Concen: 59.429 ng

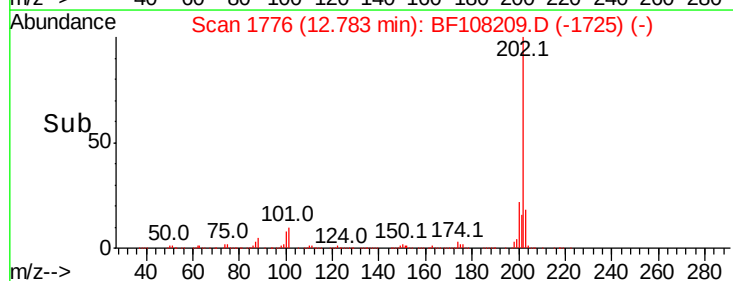
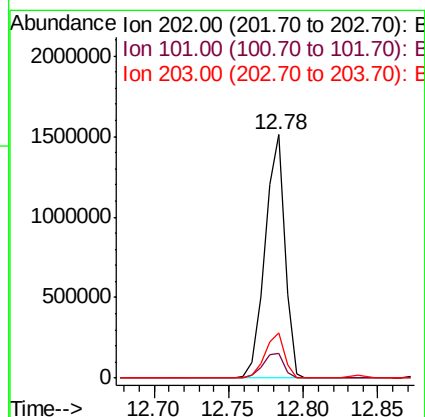
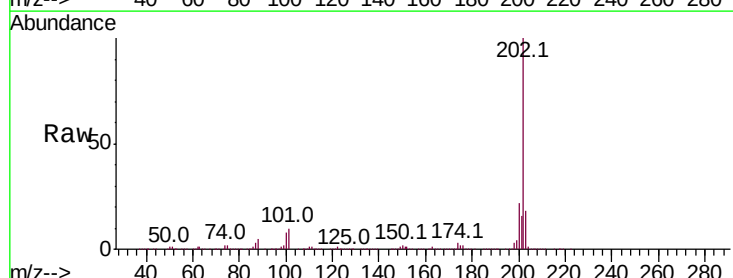
RT: 12.78 min Scan# 1776

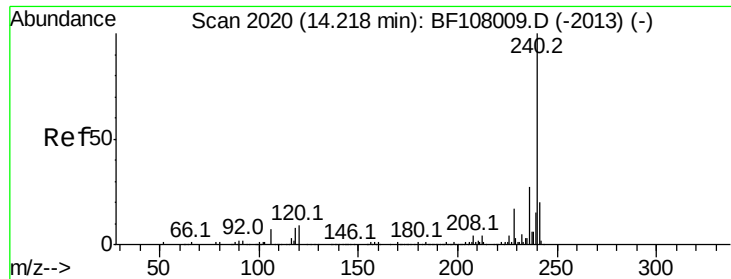
Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:	202	Resp:	1370068
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

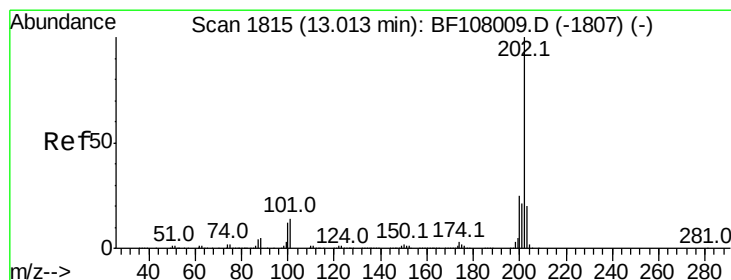
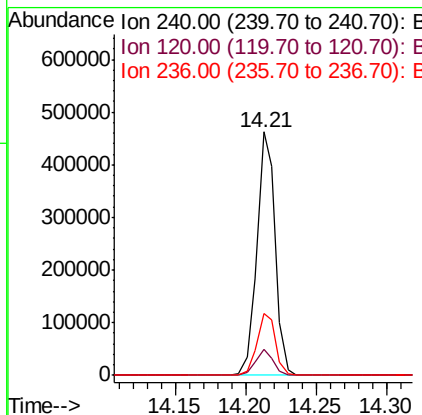
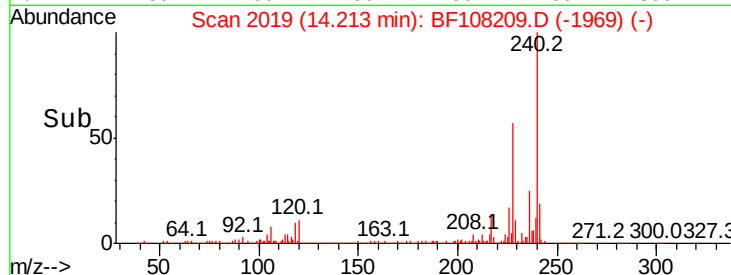
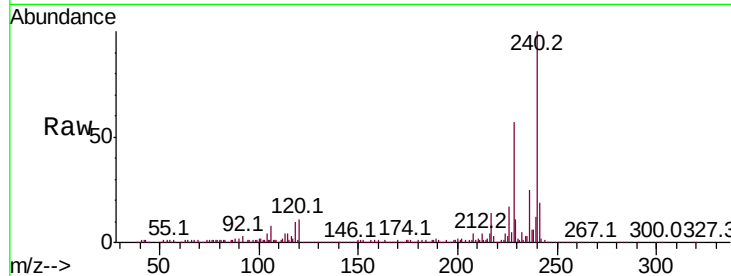
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion:	240	Resp:	422183
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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8/17/2018 3:30:57 PM



#77

Pyrene

Concen: 44.614 ng

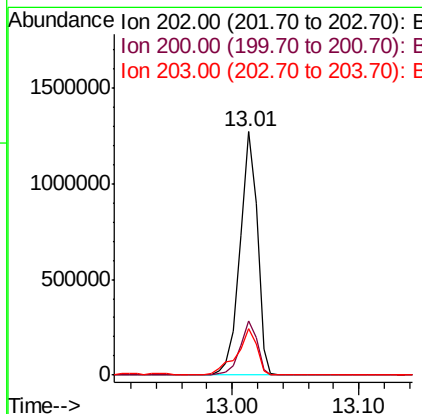
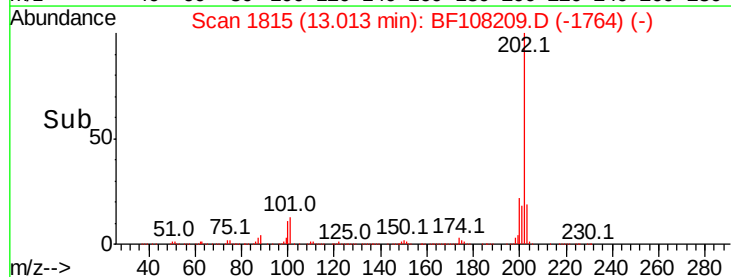
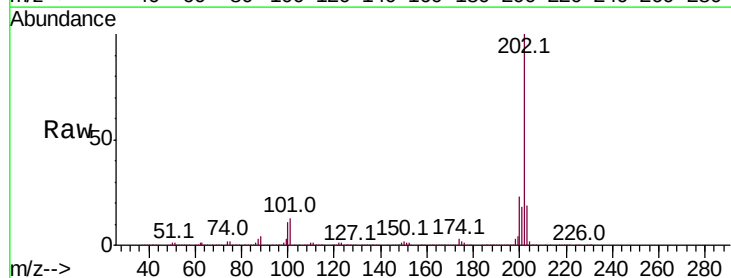
RT: 13.01 min Scan# 1815

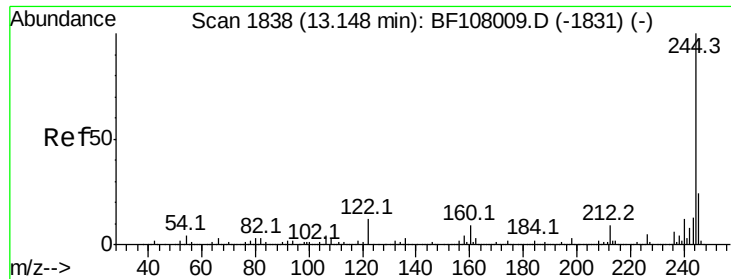
Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:	202	Resp:	1192471
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.4	26.2
203	18.8	14.3	21.5





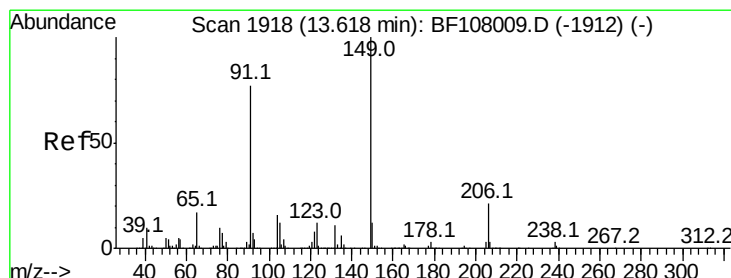
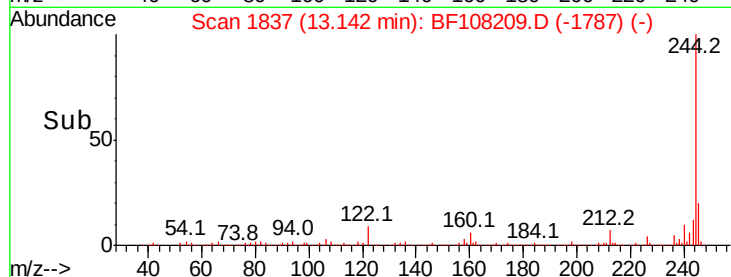
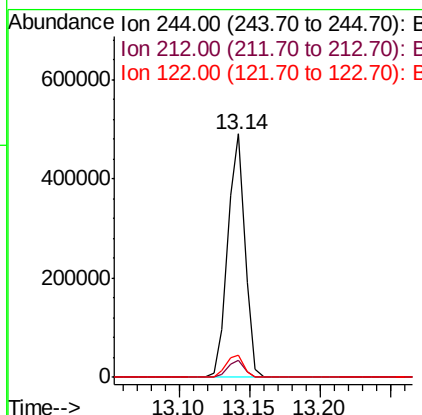
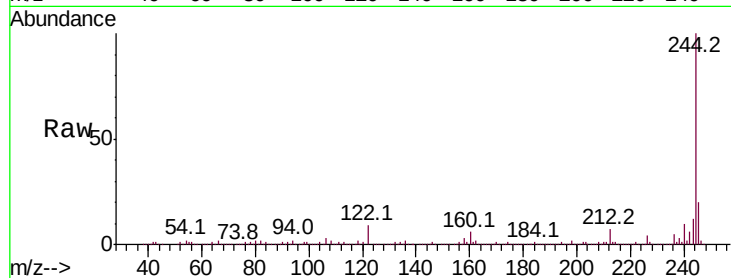
#78
 Terphenyl-d14
 Concen: 24.966 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Instrument :
 BNA_F
 ClientSampleId :
 LSB-07(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	5.4	8.0	
122	9.2	11.0	16.4	

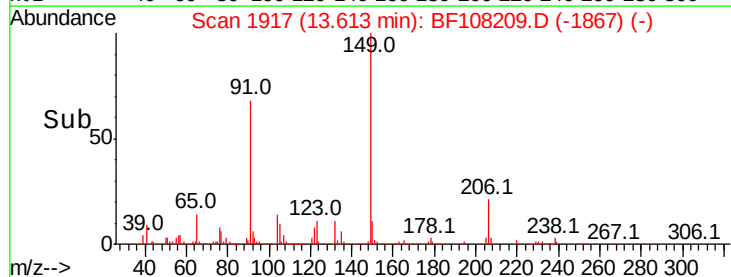
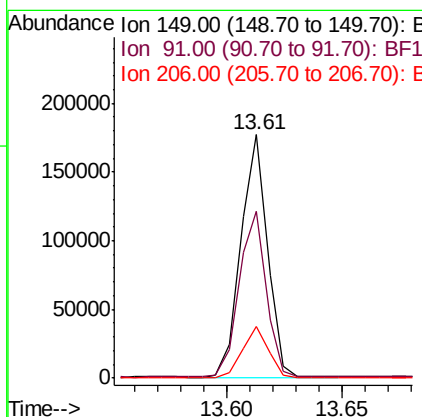
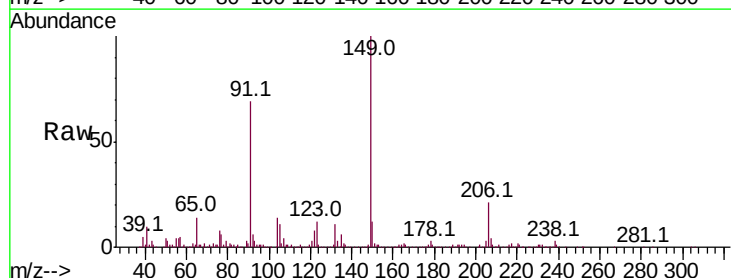
Manual Integrations
 APPROVED

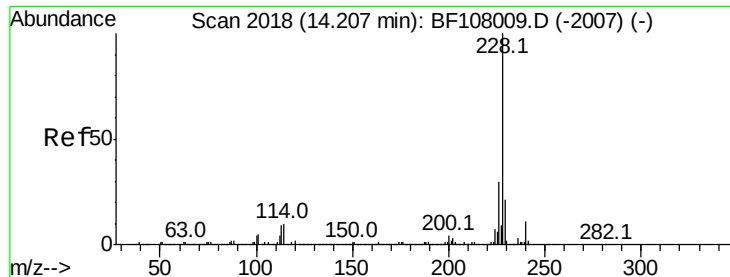
Sohil
 8/17/2018 3:30:57 PM



#79
 Butylbenzylphthalate
 Concen: 13.328 ng
 RT: 13.61 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF108209.D
 Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	68.7	56.8	85.2	
206	21.4	14.1	21.1	





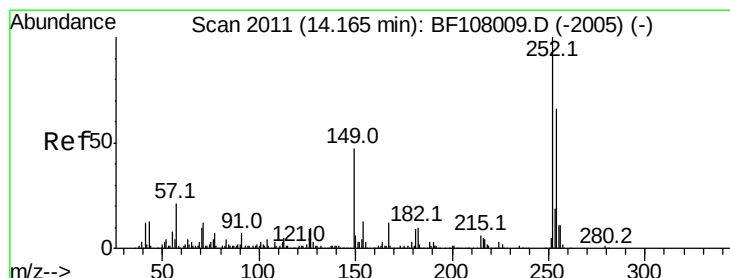
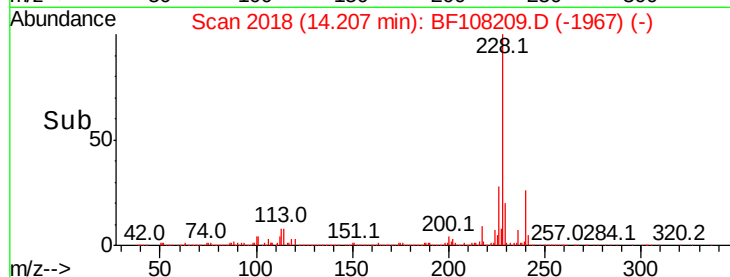
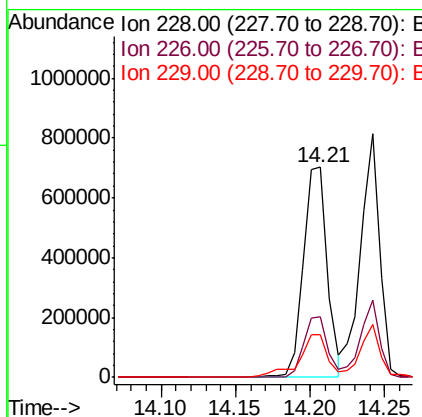
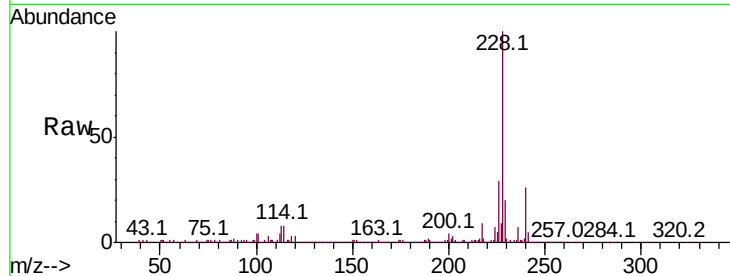
#80
Benzo(a)anthracene
Concen: 32.054 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.1	15.8	23.6

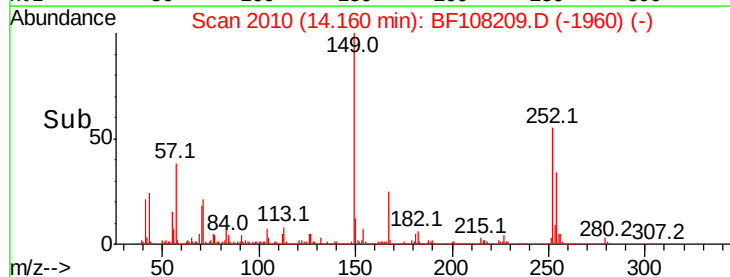
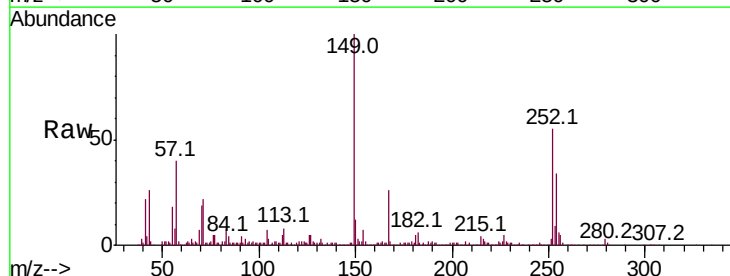
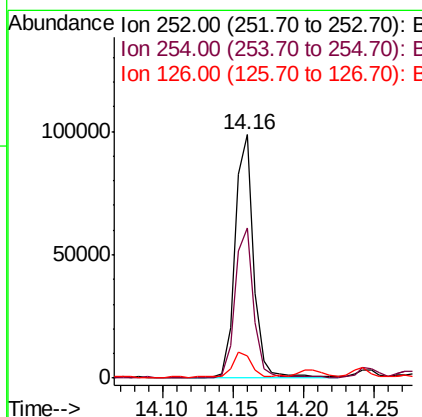
Manual Integrations
APPROVED

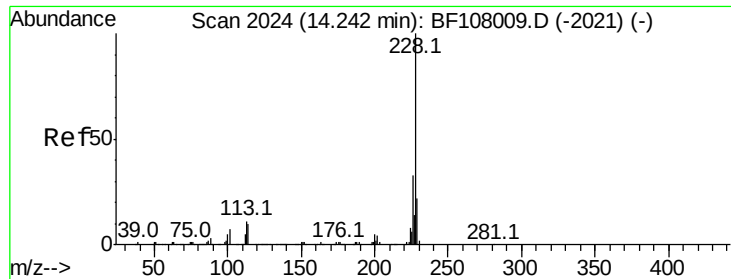
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 10.413 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	50.4	75.6
126	9.3	11.3	16.9





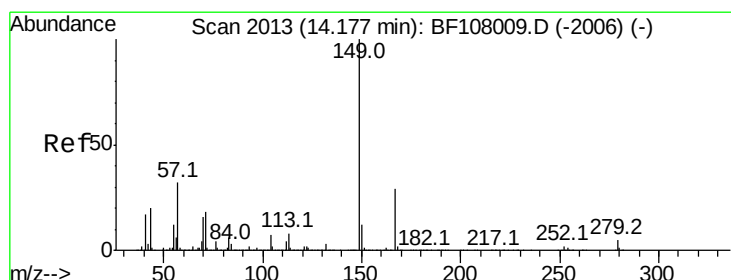
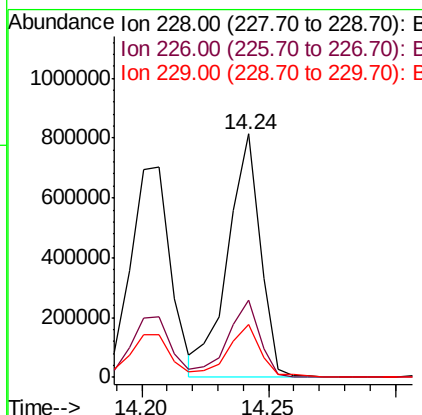
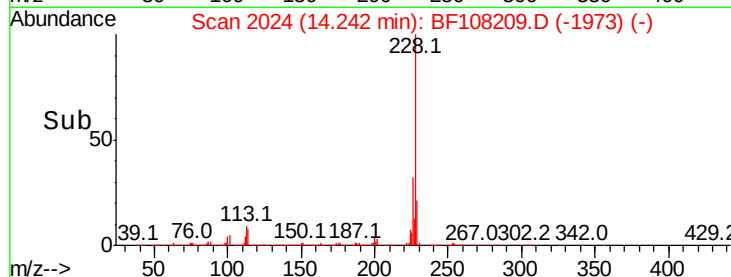
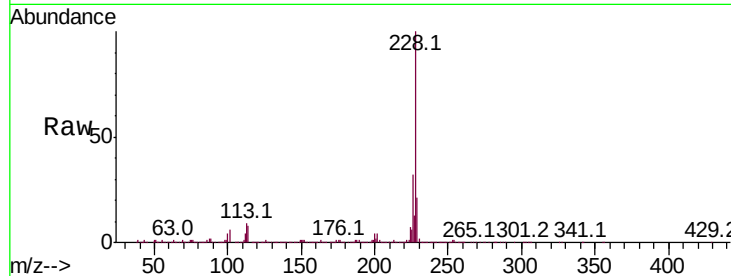
#82
Chrysene
Concen: 32.598 ng
RT: 14.24 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	21.5	16.2	24.4

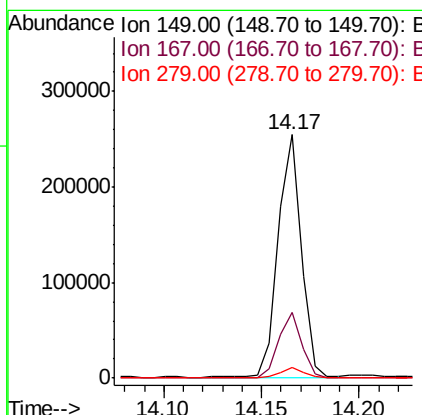
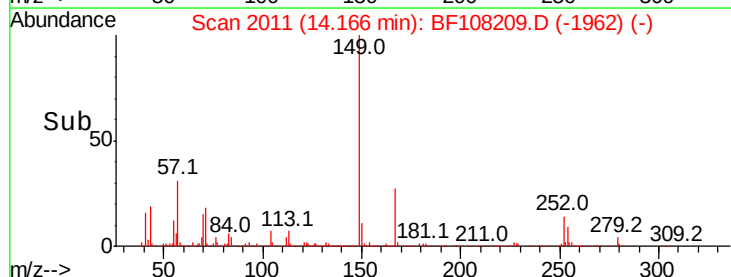
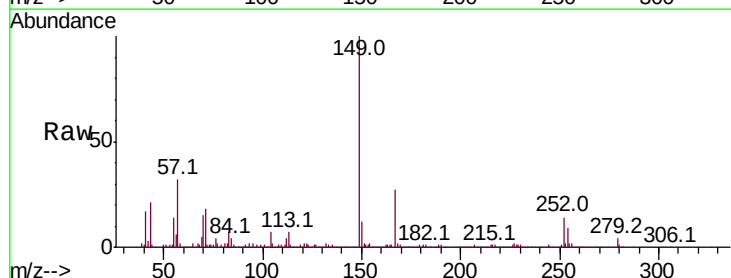
Manual Integrations
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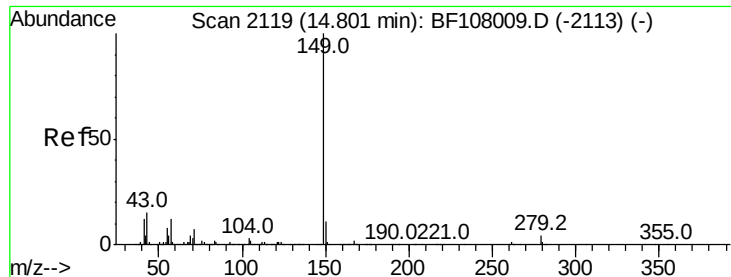
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 14.525 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	4.1	3.0	4.4





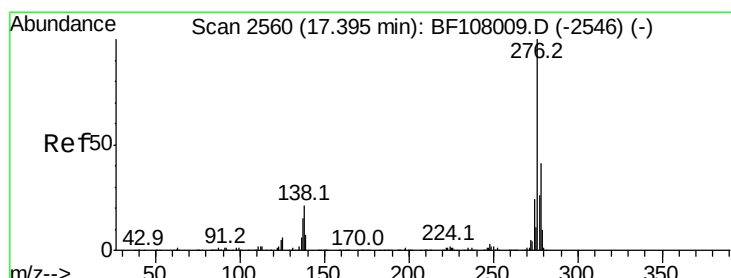
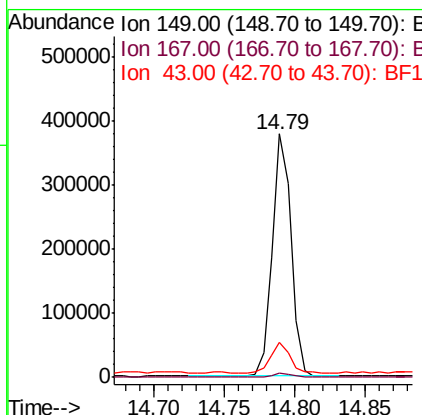
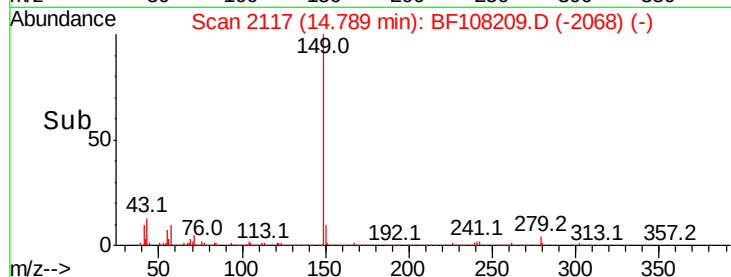
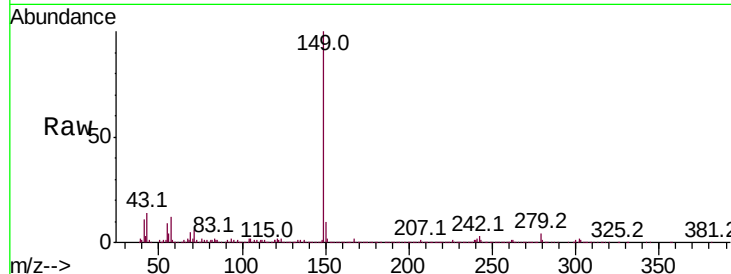
#84
Di-n-octyl phthalate
Concen: 16.241 ng
RT: 14.79 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	12.6	8.4	12.6	

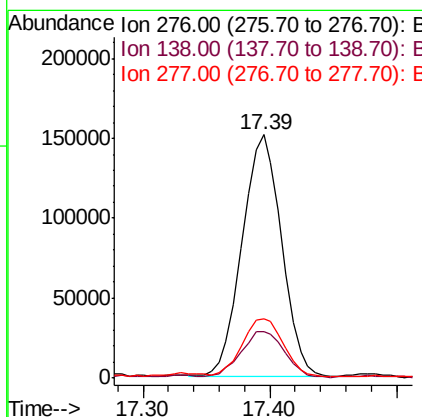
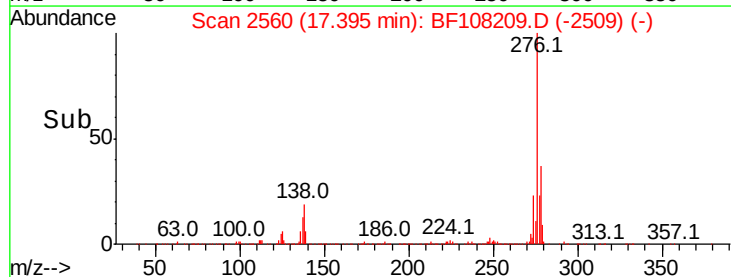
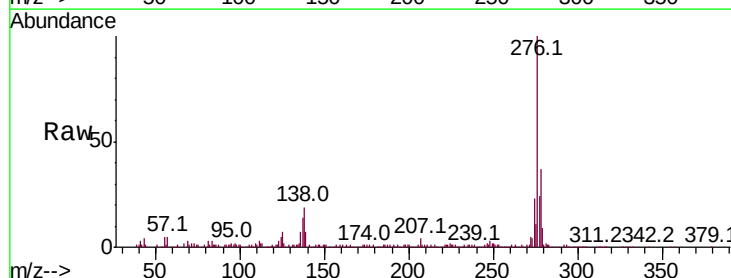
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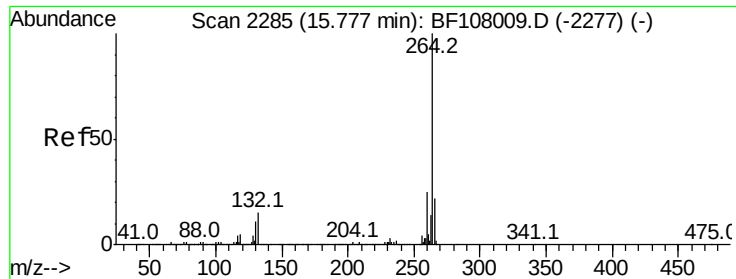
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 16.916 ng
RT: 17.39 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	20.7	25.0	37.6	
277	25.3	20.1	30.1	





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Instrument :

BNA_F

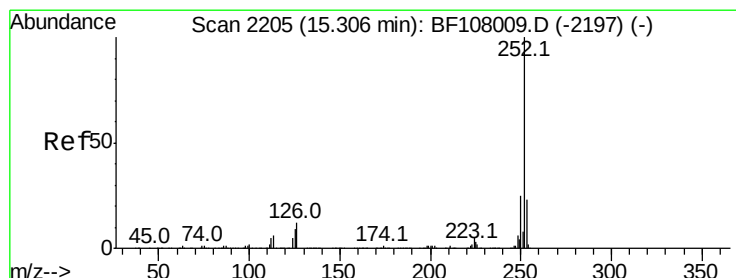
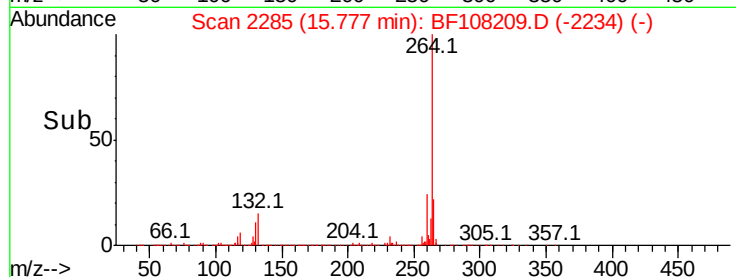
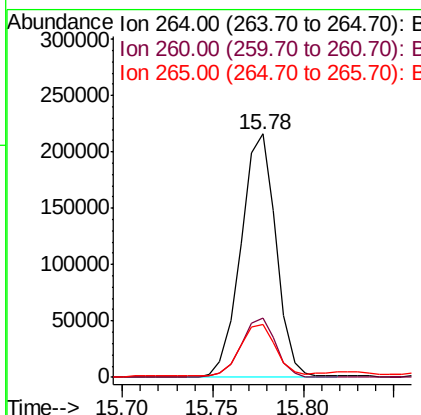
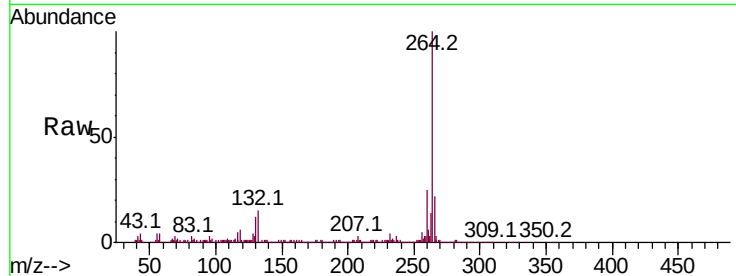
ClientSampleId :

LSB-07(0-1)MSD

Tot Ion:	264	Resp:	288836
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 40.704 ng

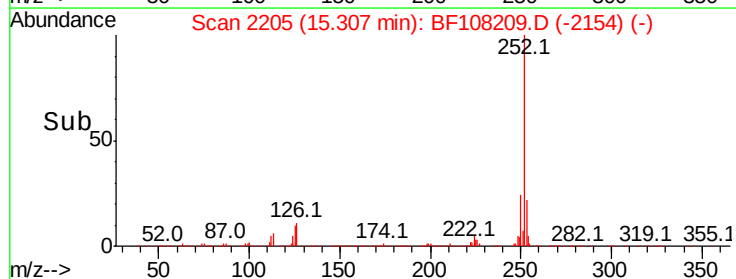
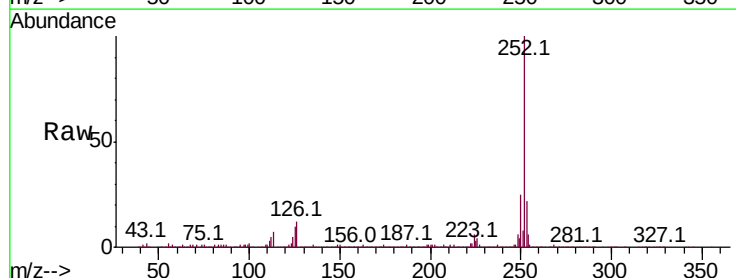
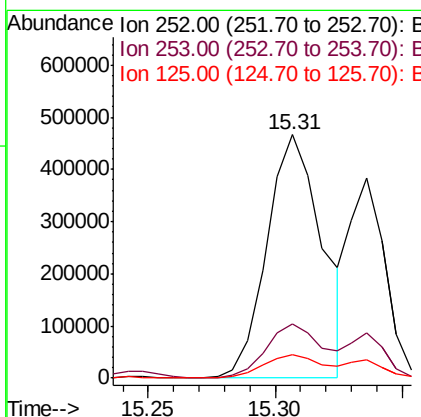
RT: 15.31 min Scan# 2205

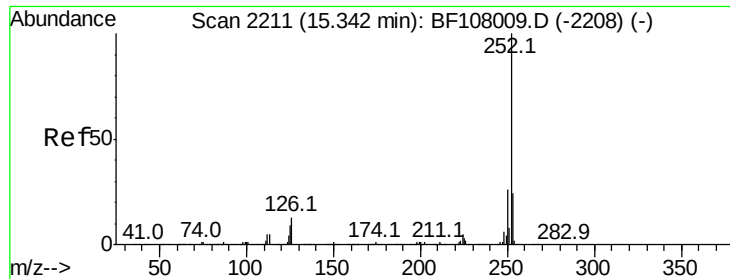
Delta R.T. 0.00 min

Lab File: BF108209.D

Acq: 16 Aug 2018 21:46

Tgt Ion:	252	Resp:	702520
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	9.9	9.0	13.6





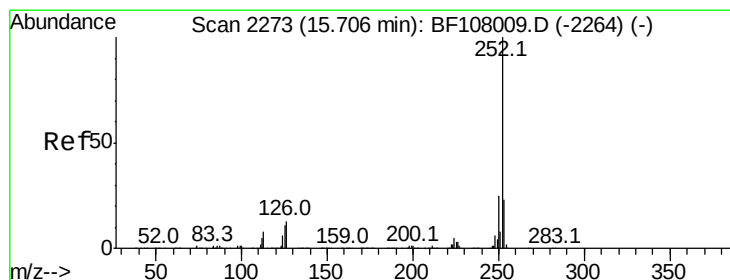
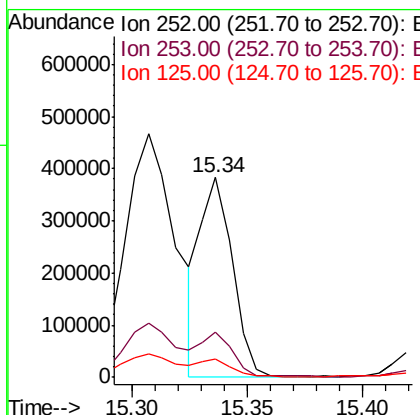
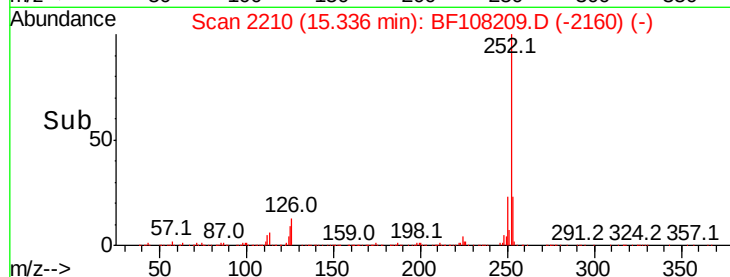
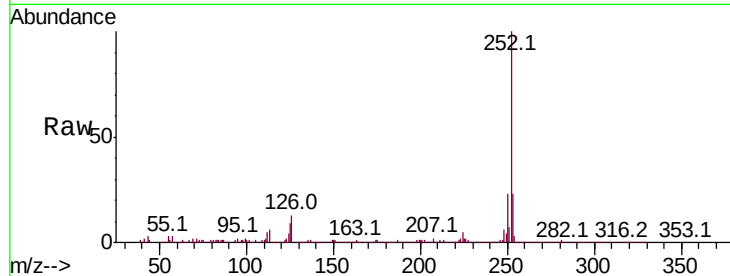
#88
Benzo(k)fluoranthene
Concen: 23.539 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	9.3	10.2	15.2#

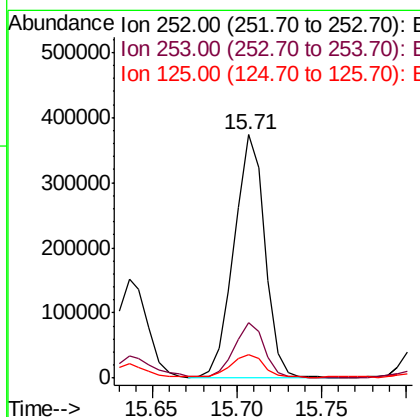
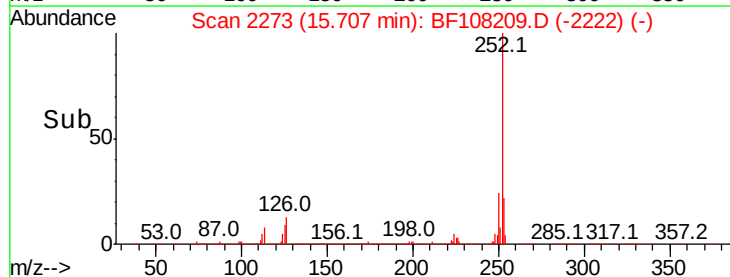
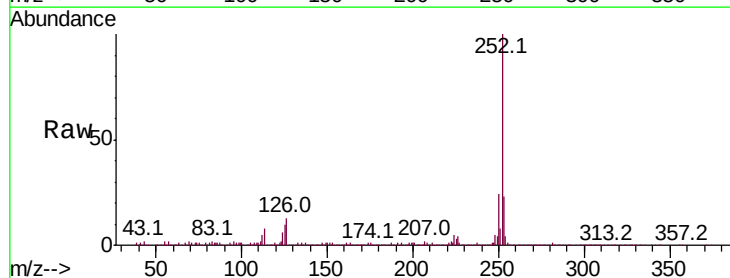
Manual Integrations
APPROVED

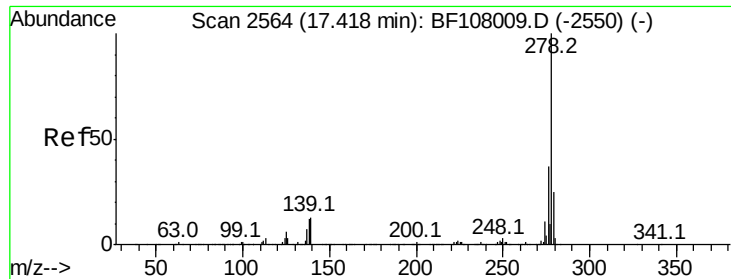
Sohil
8/17/2018 3:30:57 PM



#89
Benzo(a)pyrene
Concen: 30.498 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.7	9.8	14.6#





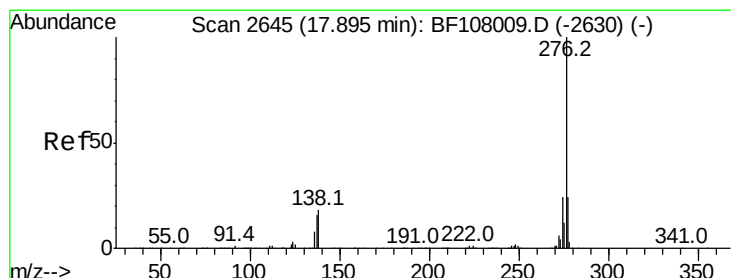
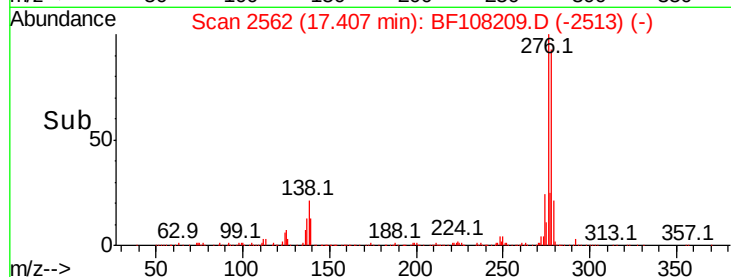
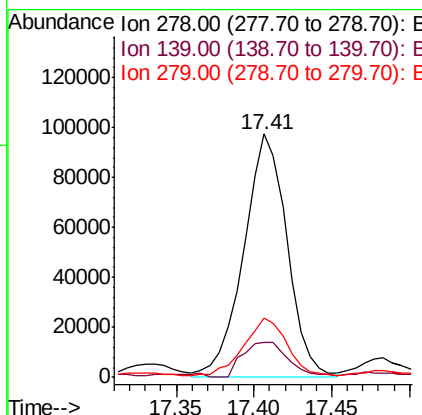
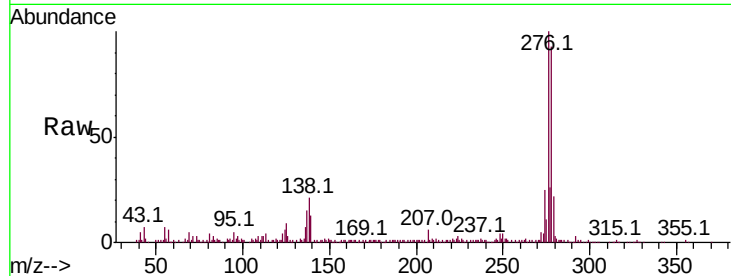
#90
Dibenzo(a,h)anthracene
Concen: 14.789 ng m
RT: 17.41 min Scan# 2562
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Instrument :
BNA_F
ClientSampleId :
LSB-07(0-1)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	15.9	23.9#
279	24.3	19.0	28.4

Manual Integrations
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8/17/2018 3:30:57 PM



#91
Benzo(g,h,i)perylene
Concen: 22.721 ng
RT: 17.89 min Scan# 2644
Delta R.T. -0.01 min
Lab File: BF108209.D
Acq: 16 Aug 2018 21:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	20.0	21.8	32.8#

