

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107315.D
 Acq On : 11 Jul 2018 22:00
 Operator : JU/SJ
 Sample : J3933-12MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Manual Integrations
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Sohil
 7/12/2018 2:19:50 PM

Quant Time: Jul 12 03:47:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	72805	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	269405	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	122934	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	220577	20.00	ng	0.00
75) Chrysene-d12	14.15	240	157049	20.00	ng	0.00
86) Perylene-d12	15.69	264	128127	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	458573	106.66	ng	0.02
7) Phenol-d6	6.60	99	560762	104.44	ng	0.02
23) Nitrobenzene-d5	7.51	82	361854	74.64	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	148311	104.09	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	605648	83.05	ng	0.00
78) Terphenyl-d14	13.07	244	634704	97.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	59848	27.075	ng	97
3) Pyridine	3.60	79	179541	29.949	ng	97
4) n-Nitrosodimethylamine	3.56	42	75495	29.650	ng	85
6) Aniline	6.61	93	72973	10.019	ng	# 1
8) 2-Chlorophenol	6.74	128	163056	34.576	ng	96
9) Benzaldehyde	6.49	77	108298	27.150	ng	98
10) Phenol	6.61	94	218872	35.719	ng	91
11) bis(2-Chloroethyl)ether	6.67	93	165429	32.702	ng	99
12) 1,3-Dichlorobenzene	6.88	146	188769	34.177	ng	97
13) 1,4-Dichlorobenzene	6.95	146	191040	34.212	ng	97
14) 1,2-Dichlorobenzene	7.11	146	176613	34.511	ng	97
15) Benzyl Alcohol	7.08	79	130009	30.155	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	231872	34.935	ng	# 28
17) 2-Methylphenol	7.21	107	138295	34.268	ng	# 89
18) Hexachloroethane	7.44	117	49897	25.410	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	118588	33.506	ng	93
20) 3+4-Methylphenols	7.36	107	190431	43.232	ng	93
22) Acetophenone	7.35	105	235808	39.124	ng	# 95
24) Nitrobenzene	7.52	77	175096	35.378	ng	98
25) Isophorone	7.76	82	321215	37.602	ng	99
26) 2-Nitrophenol	7.84	139	62787	26.873	ng	99
27) 2,4-Dimethylphenol	7.88	122	145659	40.334	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	208493	36.351	ng	99
29) 2,4-Dichlorophenol	8.10	162	146180	38.664	ng	94
30) 1,2,4-Trichlorobenzene	8.16	180	159892	38.390	ng	97
31) Naphthalene	8.24	128	459934	36.516	ng	100
32) Benzoic acid	7.99	122	7580	8.272	ng	95
33) 4-Chloroaniline	8.30	127	43996	8.325	ng	98
34) Hexachlorobutadiene	8.34	225	106367	39.194	ng	98
35) Caprolactam	8.68	113	42930m	34.834	ng	
36) 4-Chloro-3-methylphenol	8.80	107	140312	35.258	ng	94
37) 2-Methylnaphthalene	8.94	142	324245	38.838	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	165987	40.093	ng	# 95
42) 2,4,6-Trichlorophenol	9.23	196	93044	33.810	ng	91

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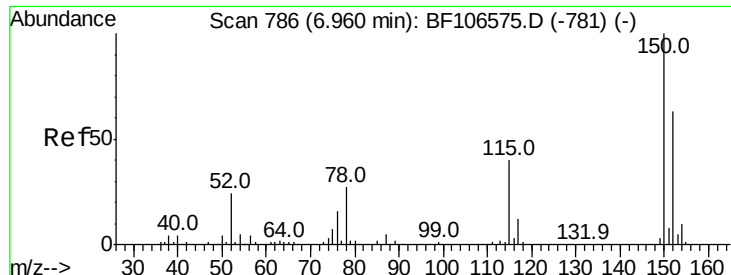
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	87022	30.305	nq	# 87
45) 1,1'-Biphenyl	9.40	154	379469	38.732	nq	98
46) 2-Chloronaphthalene	9.43	162	267581	34.697	nq	97
47) 2-Nitroaniline	9.54	65	93945	36.227	nq	94
48) Acenaphthylene	9.85	152	474520	38.974	nq	98
49) Dimethylphthalate	9.70	163	450770	48.889	nq	99
50) 2,6-Dinitrotoluene	9.78	165	60373	30.922	nq	# 83
51) Acenaphthene	10.02	154	252798	32.972	nq	98
52) 3-Nitroaniline	9.95	138	71992	32.043	nq	95
53) 2,4-Dinitrophenol	10.09	184	414	5.733	nq	# 28
54) Dibenzofuran	10.20	168	368517	35.102	nq	95
55) 4-Nitrophenol	10.14	139	55386	35.318	nq	95
56) 2,4-Dinitrotoluene	10.19	165	64956	25.489	nq	93
57) Fluorene	10.54	166	298554	35.837	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	72131	31.600	nq	# 77
59) Diethylphthalate	10.40	149	309444	34.773	nq	95
60) 4-Chlorophenyl-phenylether	10.52	204	157617	36.159	nq	# 83
61) 4-Nitroaniline	10.57	138	72756	32.630	nq	95
62) Azobenzene	10.68	77	264600	30.194	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	3240	2.376	nq	81
65) n-Nitrosodiphenylamine	10.65	169	252584	34.045	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	101491	38.554	nq	# 82
67) Hexachlorobenzene	11.10	284	101872	36.974	nq	# 80
68) Atrazine	11.17	200	78245	33.175	nq	96
69) Pentachlorophenol	11.30	266	42517	30.927	nq	98
70) Phenanthrene	11.51	178	569958	53.573	nq	99
71) Anthracene	11.57	178	469769	43.260	nq	100
72) Carbazole	11.72	167	381647	37.538	nq	98
73) Di-n-butylphthalate	12.02	149	435190	36.334	nq	100
74) Fluoranthene	12.71	202	986253	84.107	nq	96
76) Benzidine	12.82	184	83116	18.583	nq	98
77) Pyrene	12.95	202	947783	91.518	nq	98
79) Butylbenzylphthalate	13.54	149	171789	40.345	nq	# 95
80) Benzo(a)anthracene	14.14	228	656096	68.545	nq	96
81) 3,3'-Dichlorobenzidine	14.09	252	75307	22.386	nq	# 96
82) Chrysene	14.18	228	586676m	66.623	nq	
83) Bis(2-ethylhexyl)phthalate	14.08	149	265843	48.835	nq	96
84) Di-n-octyl phthalate	14.71	149	374997	42.261	nq	96
85) Indeno(1,2,3-cd)pyrene	17.31	276	420319	56.246	nq	# 87
87) Benzo(b)fluoranthene	15.24	252	661779m	83.147	nq	
88) Benzo(k)fluoranthene	15.27	252	316710	41.785	nq	# 95
89) Benzo(a)pyrene	15.63	252	483060m	68.272	nq	
90) Dibenzo(a,h)anthracene	17.31	278	257900m	43.009	nq	
91) Benzo(g,h,i)perylene	17.79	276	377582	64.422	nq	# 89

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



#1

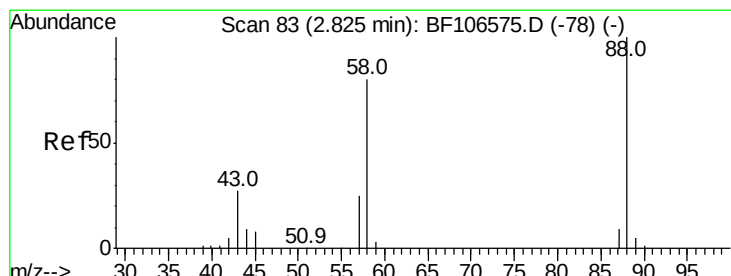
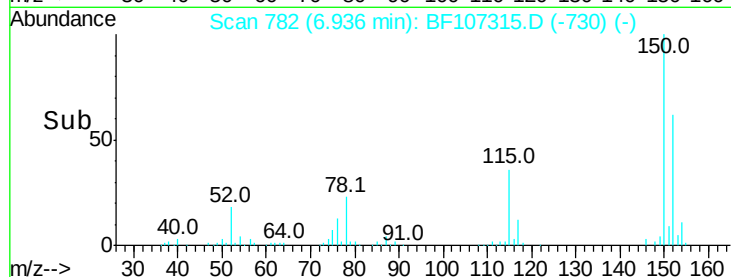
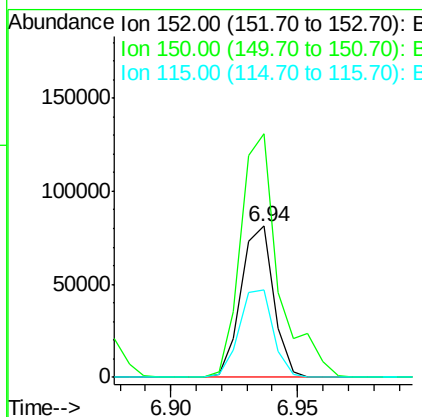
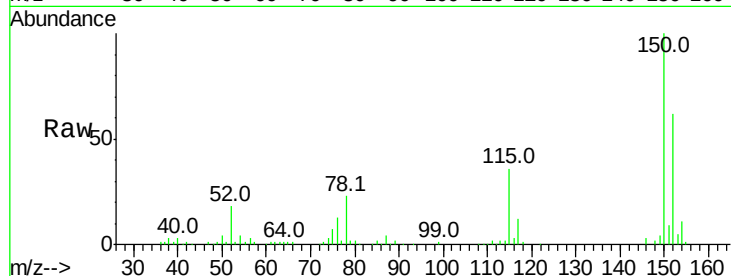
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	58.3	50.1	75.1

Manual Integrations
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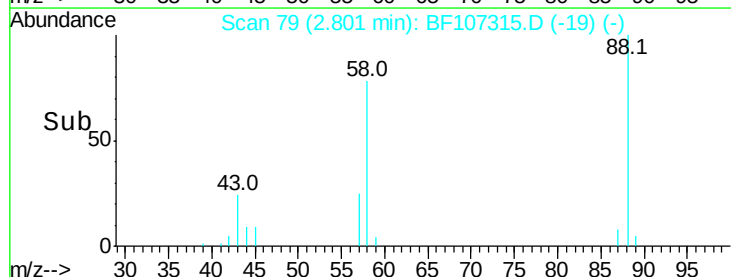
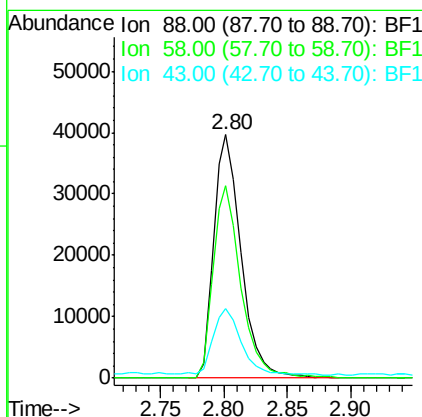
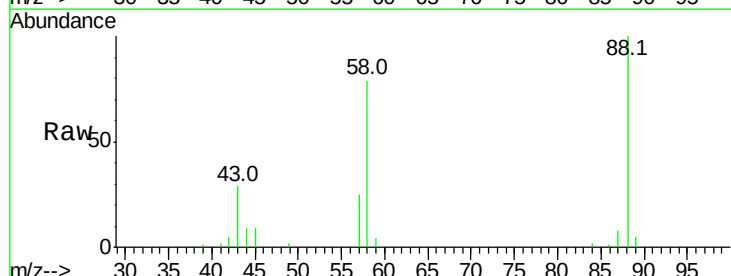
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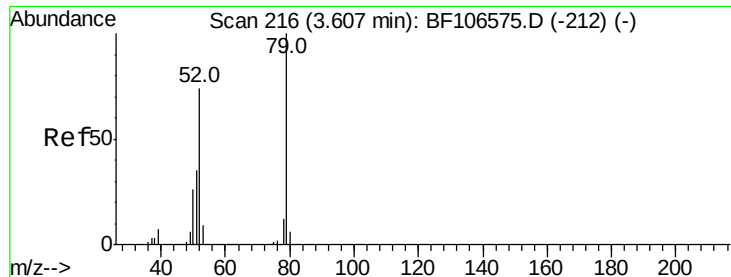


#2

1,4-Dioxane
Concen: 27.075 ng
RT: 2.80 min Scan# 79
Delta R.T. 0.05 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	62.6	93.8
43	28.8	24.6	37.0





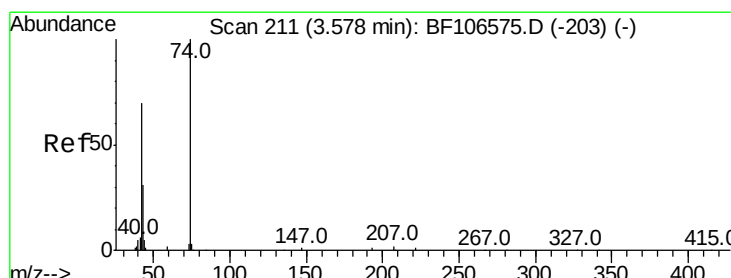
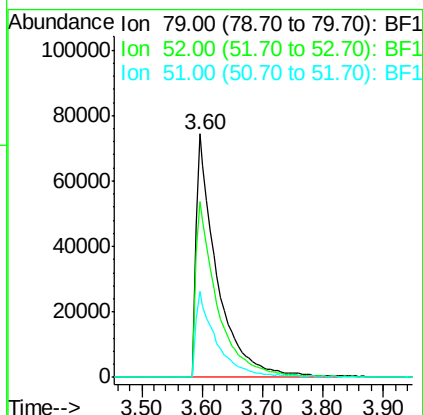
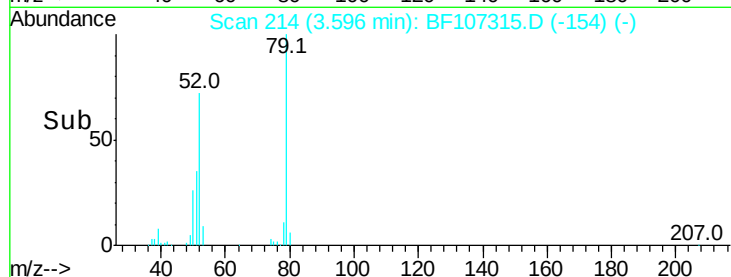
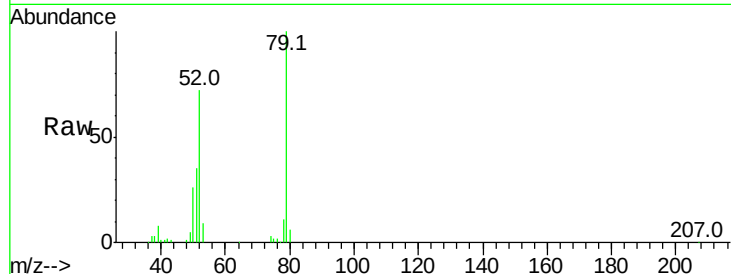
#3
 Pvridine
 Concen: 29.949 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.05 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.1	59.8	89.6
51	35.3	29.8	44.8

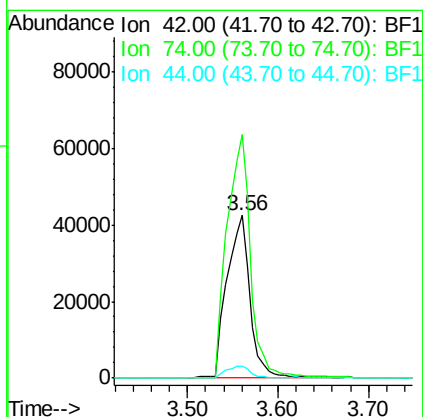
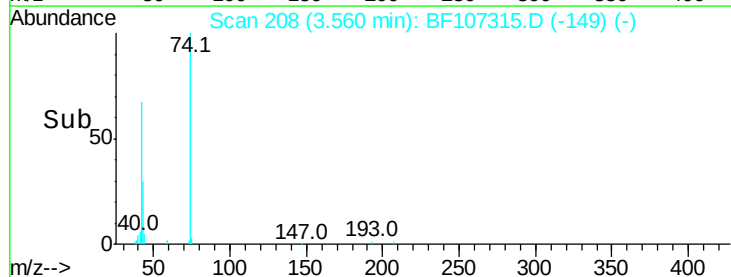
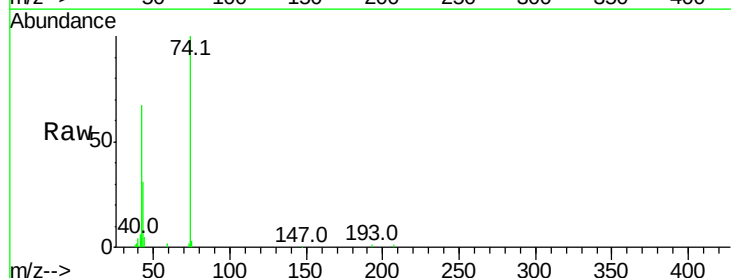
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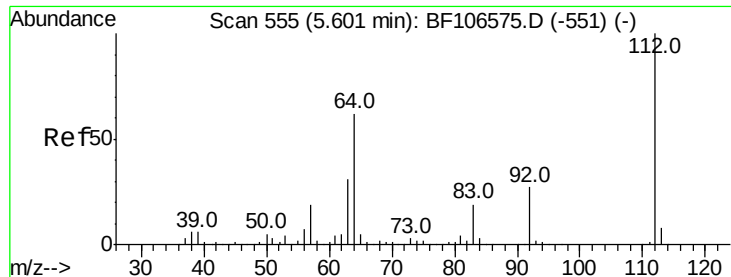
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#4
 n-Nitrosodimethylamine
 Concen: 29.650 ng
 RT: 3.56 min Scan# 208
 Delta R.T. 0.05 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.9	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 106.656 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

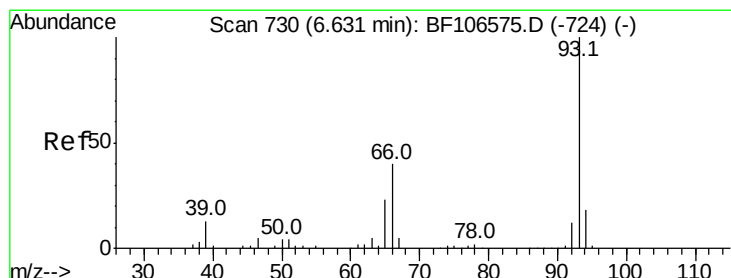
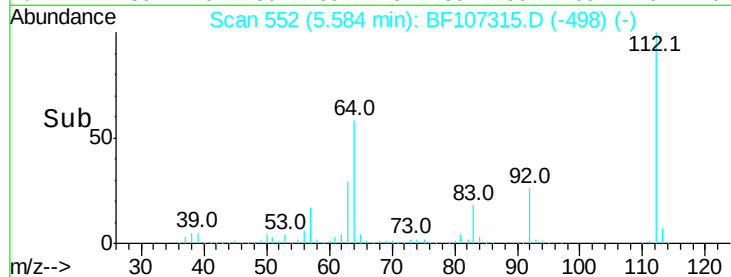
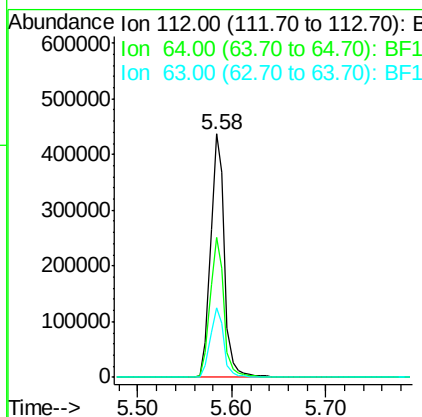
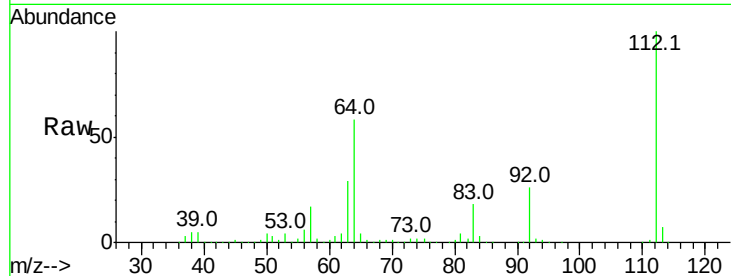
ClientSampleId :

EP-12-W1MSD

Tot Ion:	112	Resp:	458573
Ion Ratio	Lower	Upper	
112	100		
64	57.5	47.9	71.9
63	28.6	23.7	35.5

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#6

Aniline

Concen: 10.019 ng

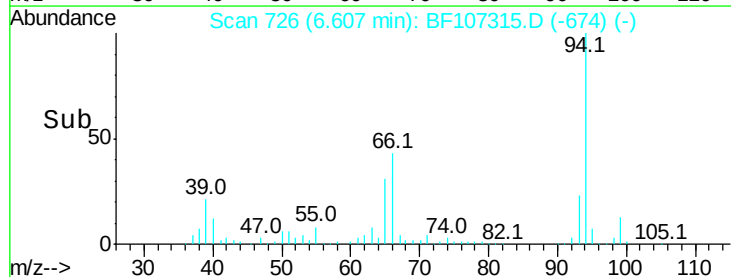
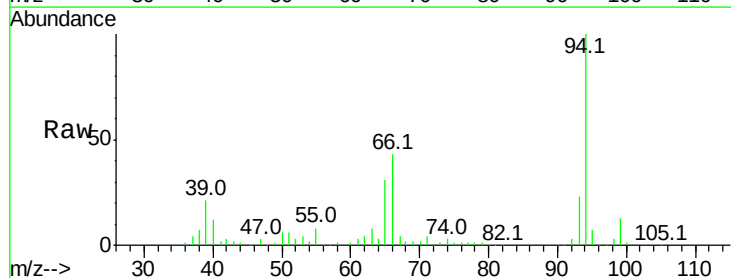
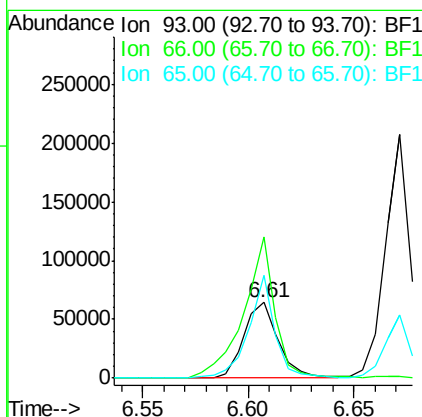
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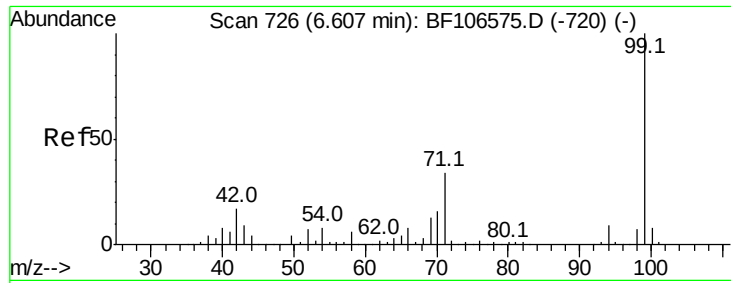
Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	93	Resp:	72973
Ion Ratio	Lower	Upper	
93	100		
66	187.9	32.2	48.2#
65	135.9	16.4	24.6#





#7

Phenol-d6

Concen: 104.439 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

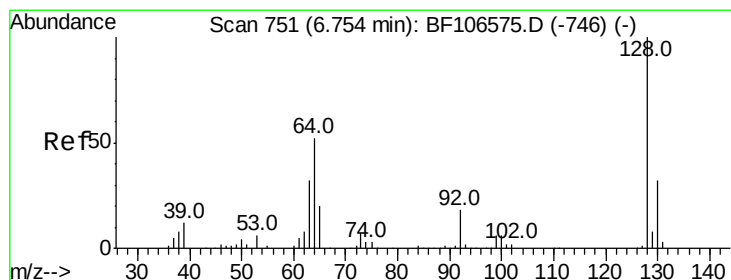
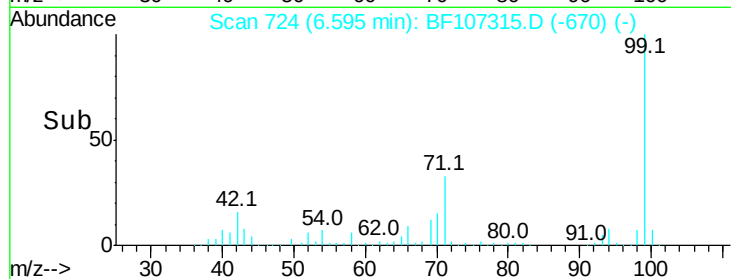
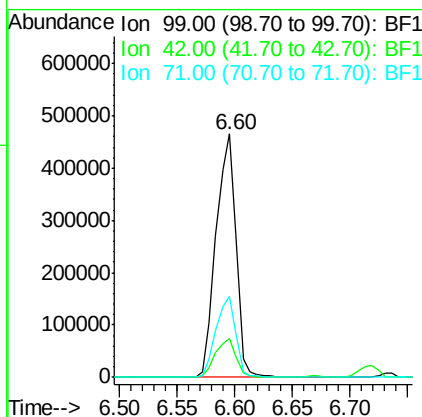
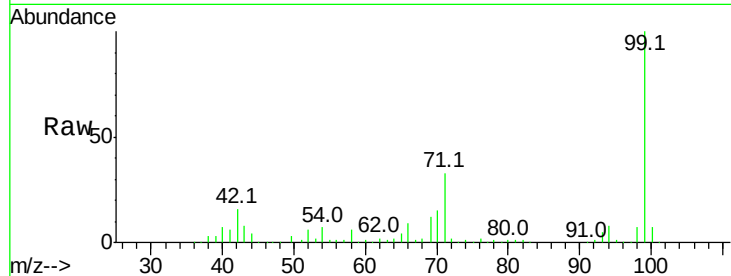
ClientSampleId :

EP-12-W1MSD

Tot Ion:	99	Resp:	560762
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	33.3	25.4	38.0

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#8

2-Chlorophenol

Concen: 34.576 ng

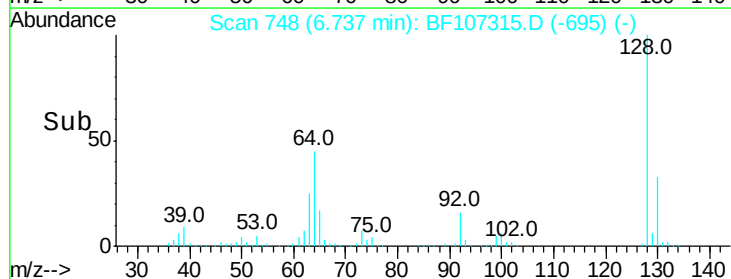
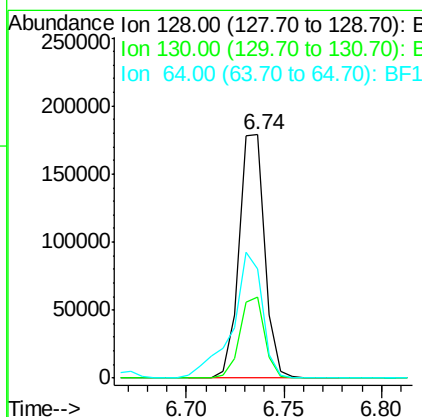
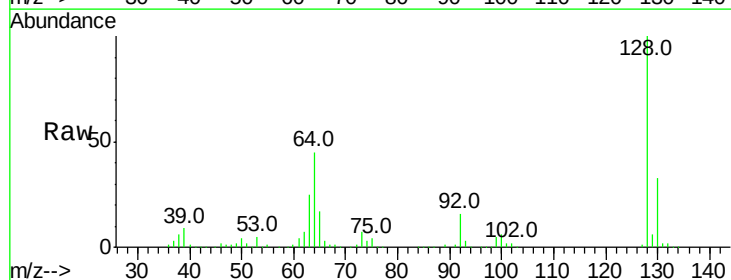
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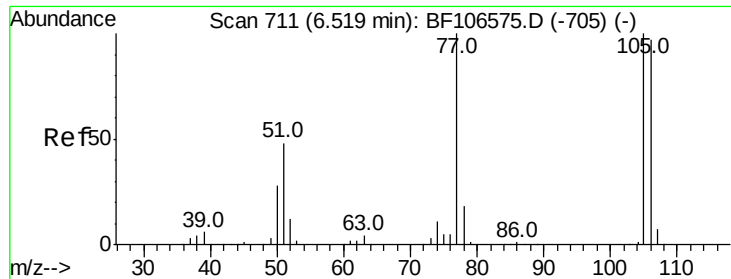
Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	128	Resp:	163056
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.0	53.0
64	44.7	29.4	69.4





#9

Benzaldehyde

Concen: 27.150 ng

RT: 6.49 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

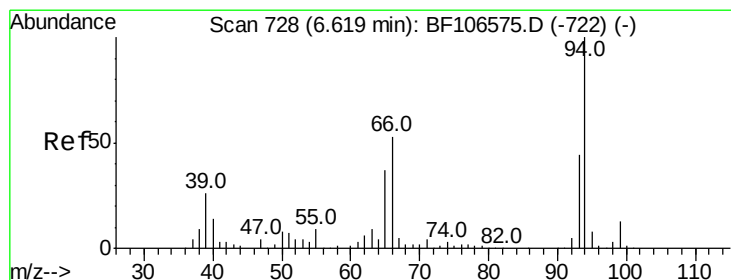
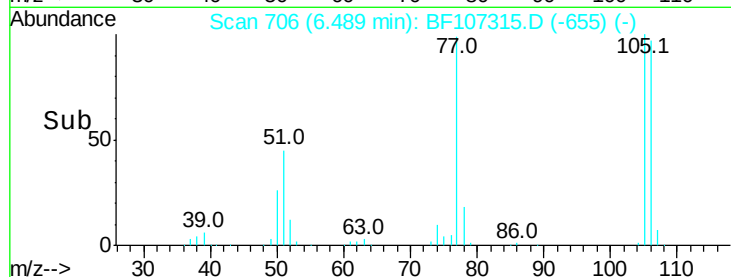
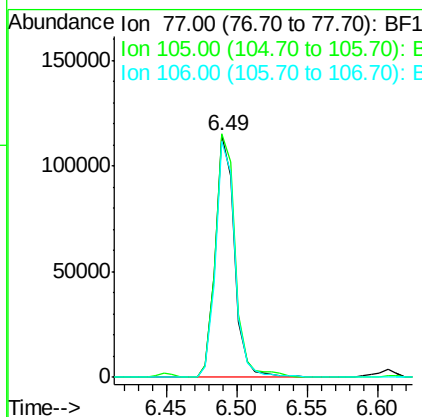
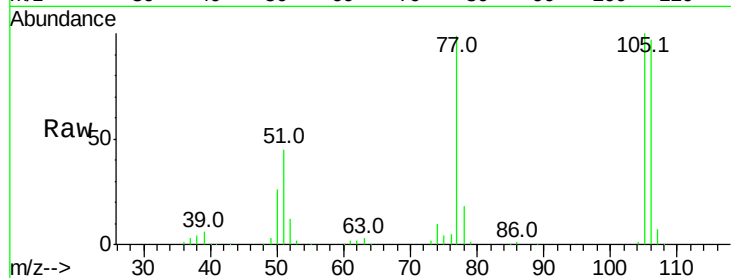
ClientSampleId :

EP-12-W1MSD

Tot Ion:	77	Resp:	108298
Ion	Ratio	Lower	Upper
77	100		
105	100.6	81.1	121.1
106	97.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.719 ng

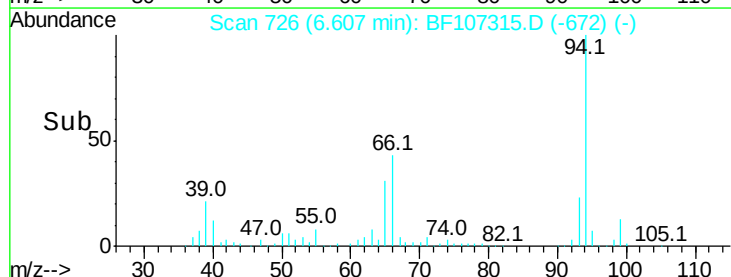
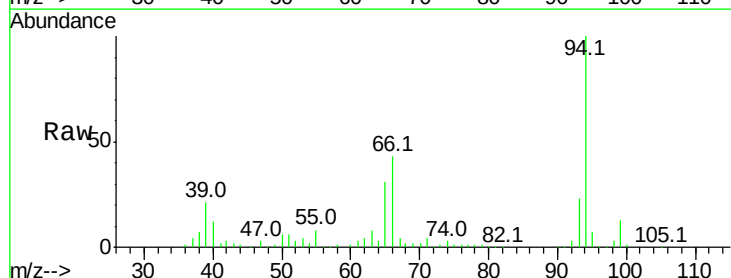
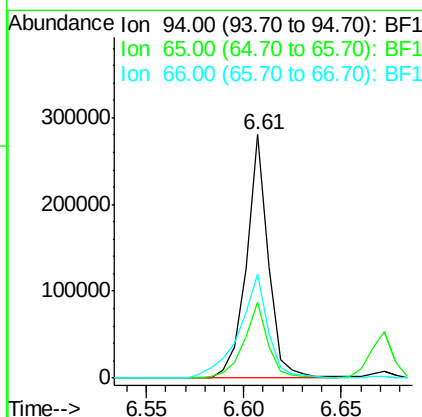
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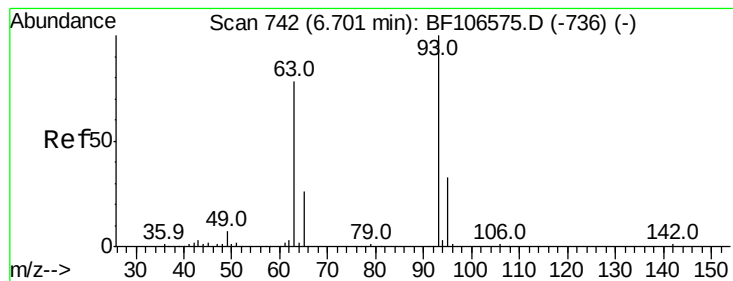
Delta R.T. 0.02 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	94	Resp:	218872
Ion	Ratio	Lower	Upper
94	100		
65	31.1	7.9	47.9
66	43.0	16.2	56.2





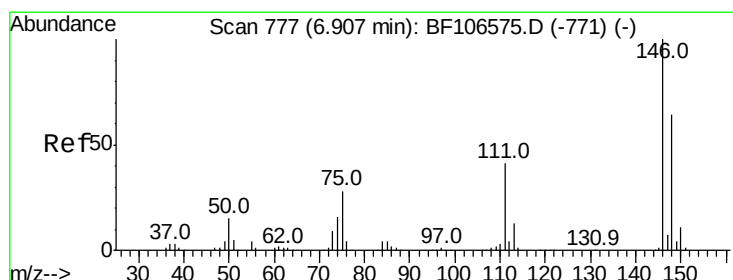
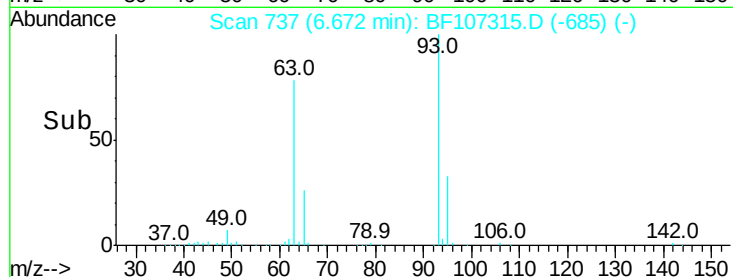
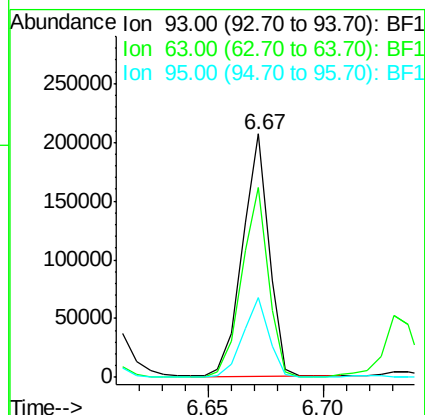
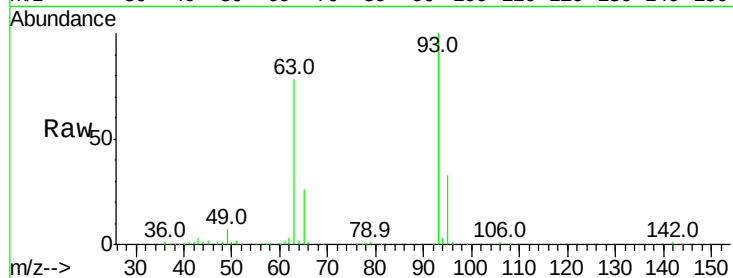
#11
 bis(2-Chloroethyl)ether
 Concen: 32.702 ng
 RT: 6.67 min Scan# 737
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.9	58.6	98.6
95	32.9	11.8	51.8

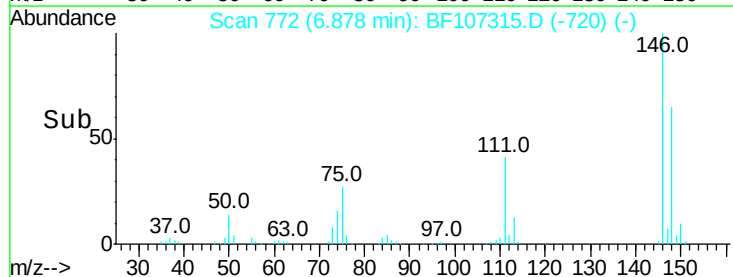
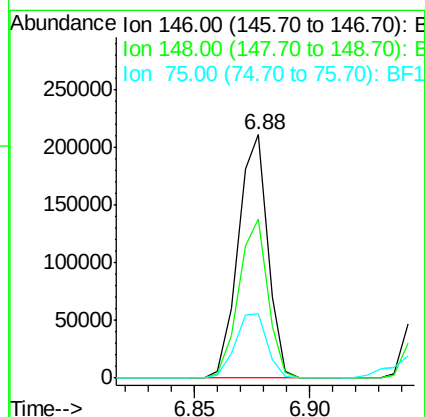
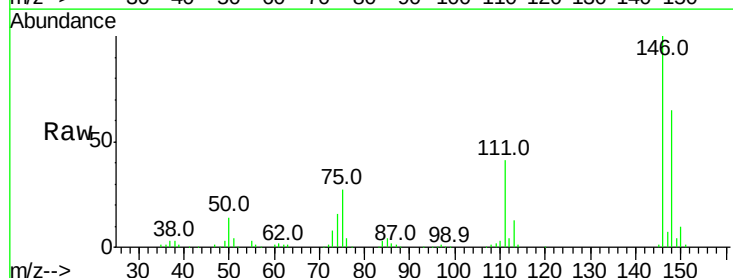
Manual Integrations
 APPROVED

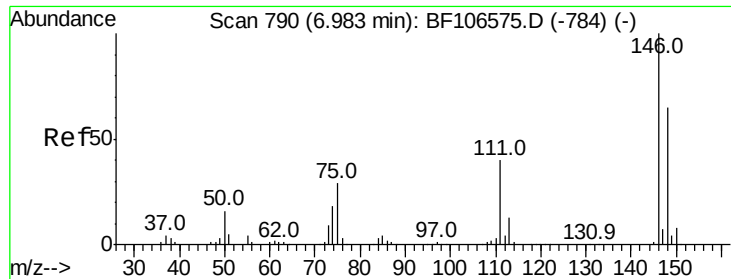
Sohil
 7/12/2018 2:19:50 PM



#12
 1,3-Dichlorobenzene
 Concen: 34.177 ng
 RT: 6.88 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	26.5	24.2	36.4





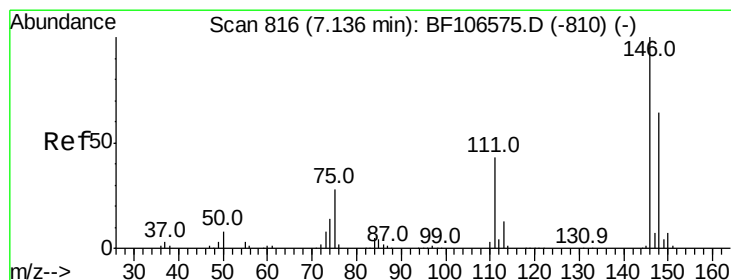
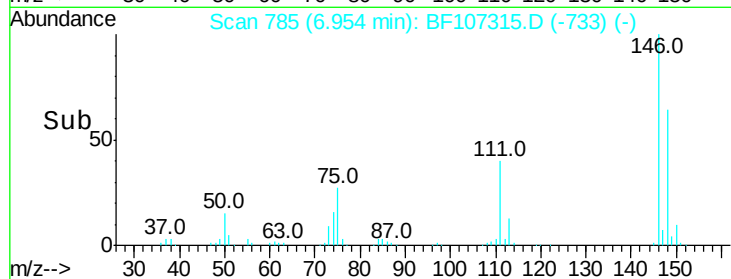
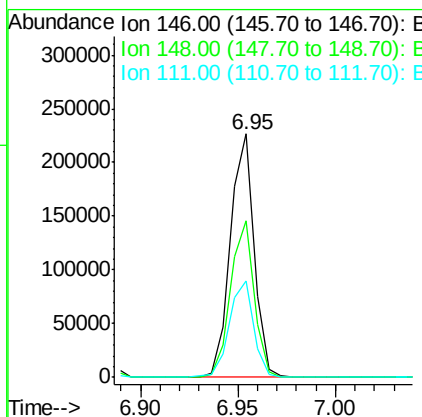
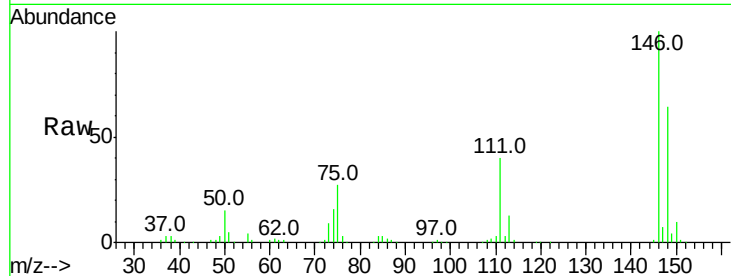
#13
 1,4-Dichlorobenzene
 Concen: 34.212 ng
 RT: 6.95 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	39.5	34.2	51.2

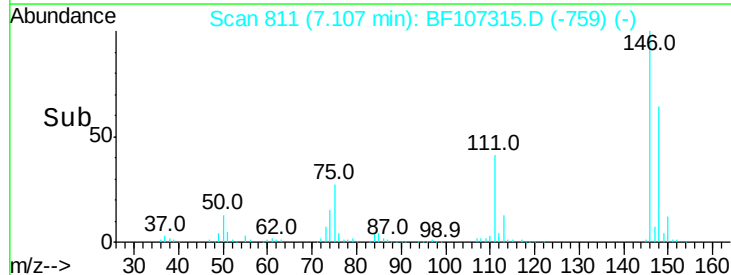
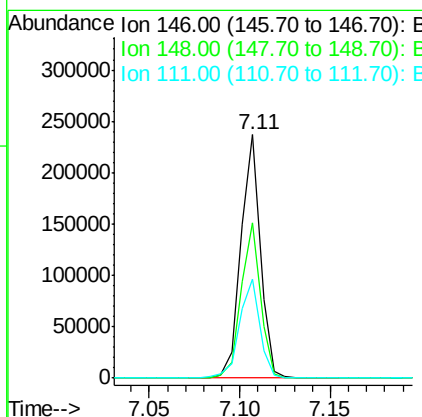
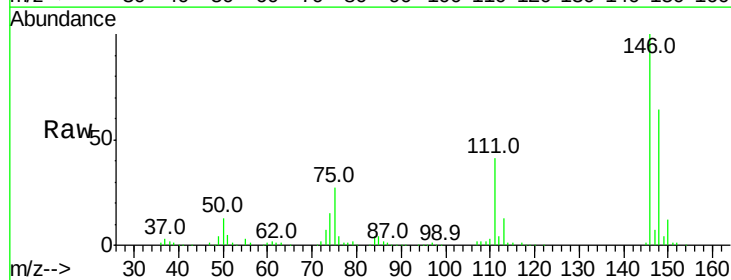
Manual Integrations
 APPROVED

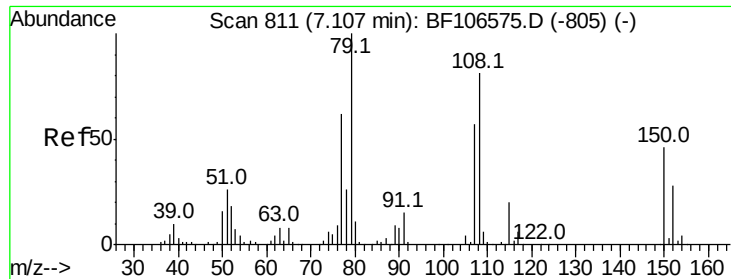
Sohil
 7/12/2018 2:19:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.511 ng
 RT: 7.11 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	40.6	36.0	54.0





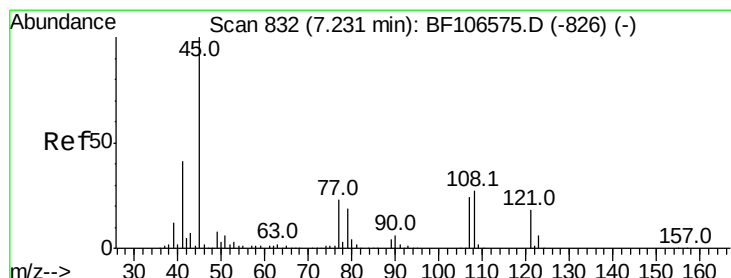
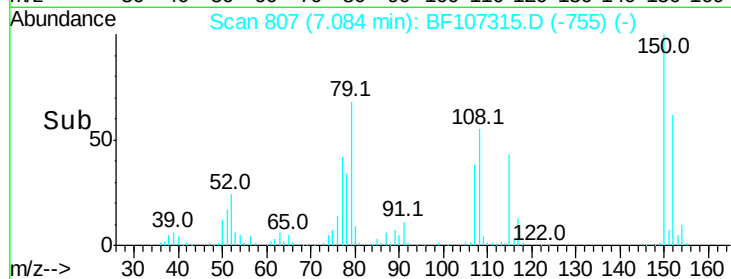
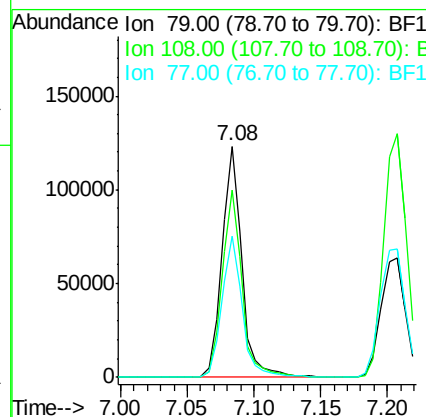
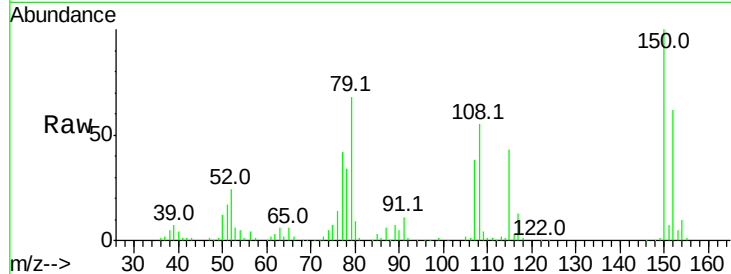
#15
Benzyl Alcohol
Concen: 30.155 ng
RT: 7.08 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.9	65.1	97.7
77	61.3	50.6	75.8

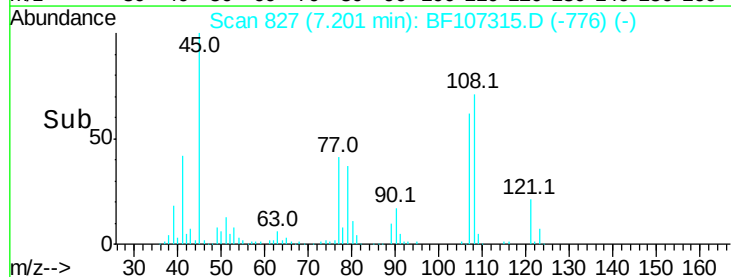
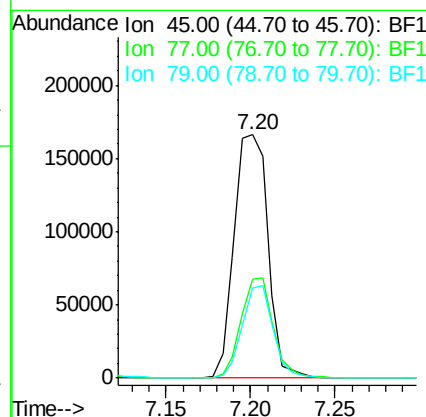
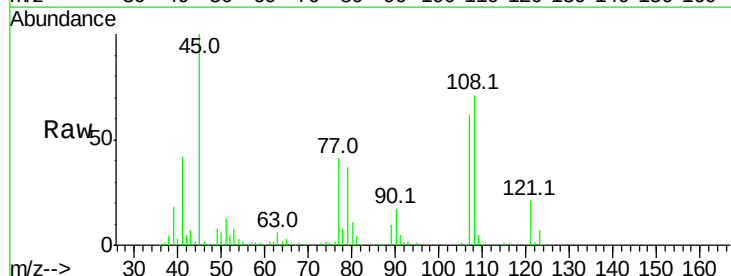
Manual Integrations
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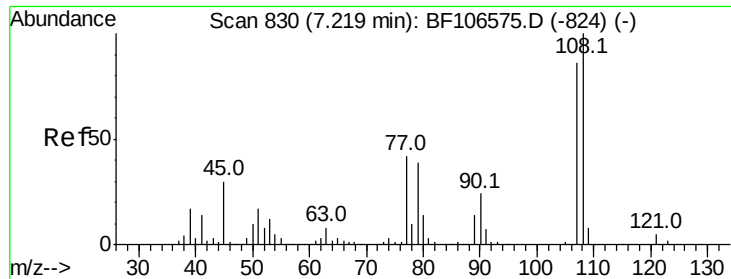
Sohil
7/12/2018 2:19:50 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.935 ng
RT: 7.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	40.7	0.0	32.9#
79	37.1	0.0	29.6#





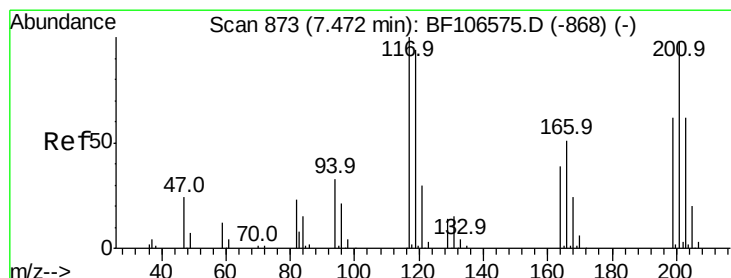
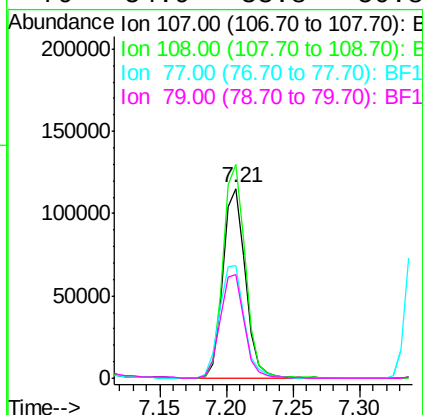
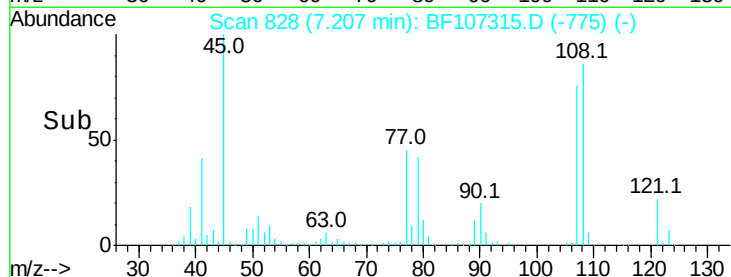
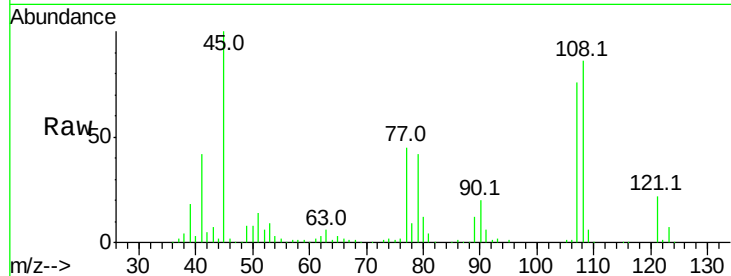
#17
2-Methylphenol
Concen: 34.268 ng
RT: 7.21 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	91.7	137.5	
77	59.4	33.8	50.8#	
79	54.9	33.8	50.8#	

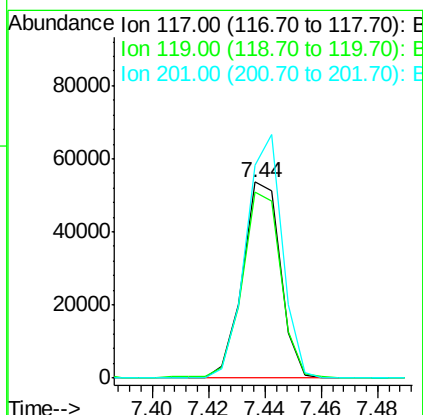
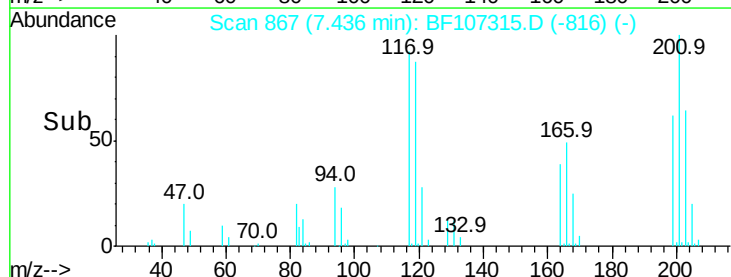
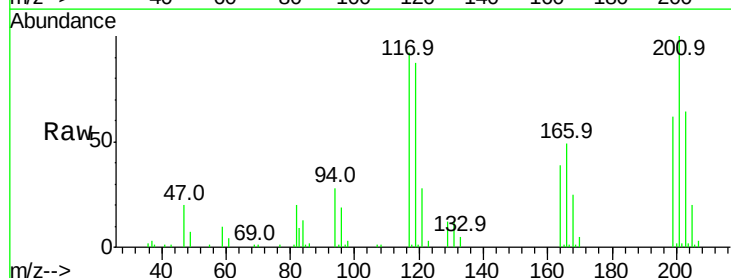
Manual Integrations
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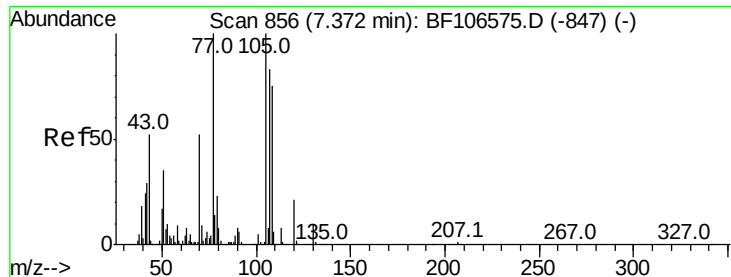
Sohil
7/12/2018 2:19:50 PM



#18
Hexachloroethane
Concen: 25.410 ng
RT: 7.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.8	113.8	
201	108.9	75.7	113.5	





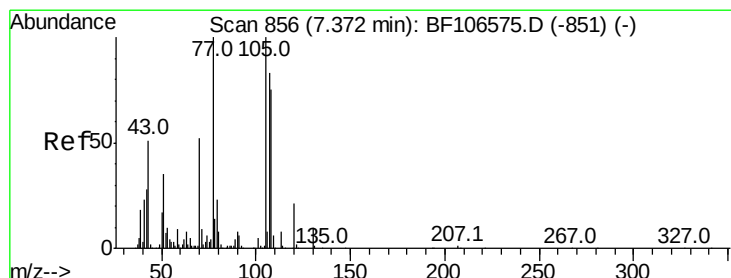
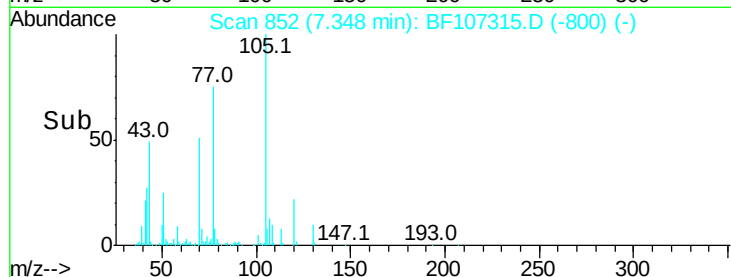
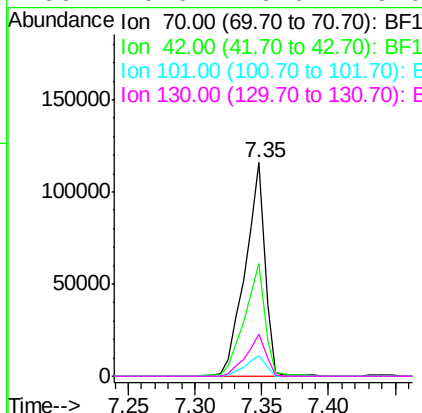
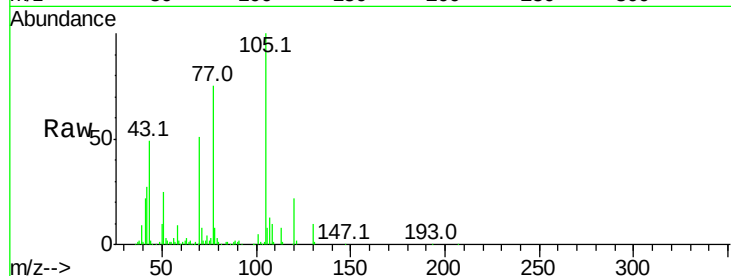
#19
n-Nitroso-di-n-propylamine
Concen: 33.506 ng
RT: 7.35 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	9.5	7.4	11.2
130	19.6	16.6	25.0

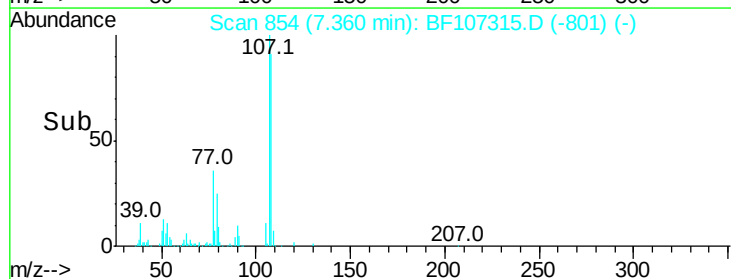
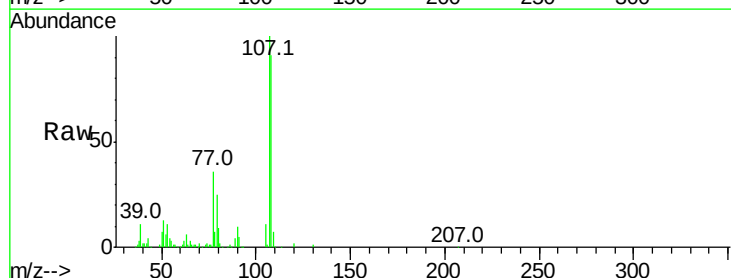
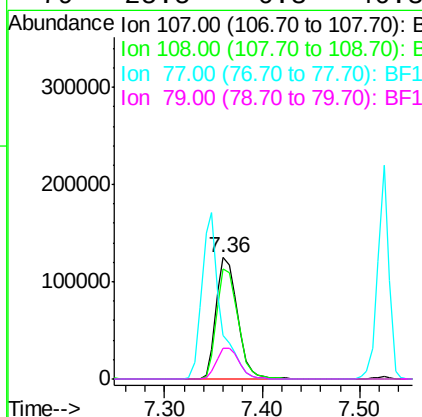
Manual Integrations
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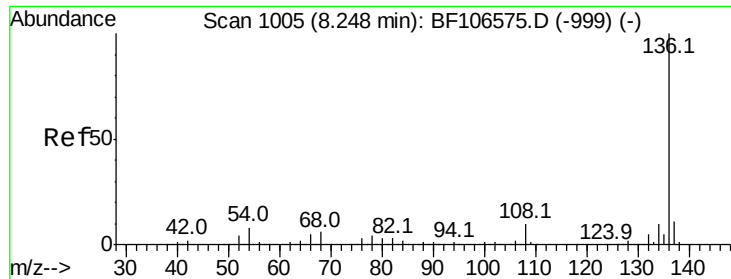
Sohil
7/12/2018 2:19:50 PM



#20
3+4-Methylphenols
Concen: 43.232 ng
RT: 7.36 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	35.7	26.7	66.7
79	25.5	6.3	46.3





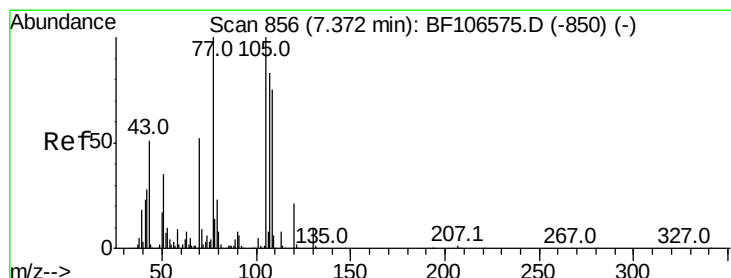
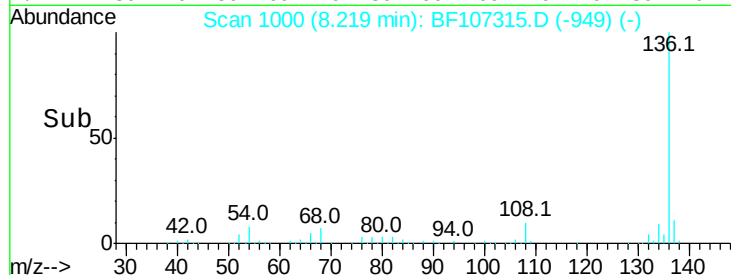
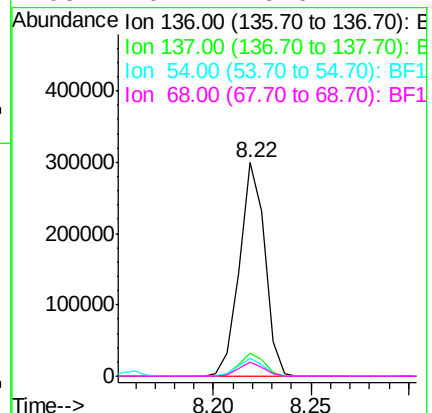
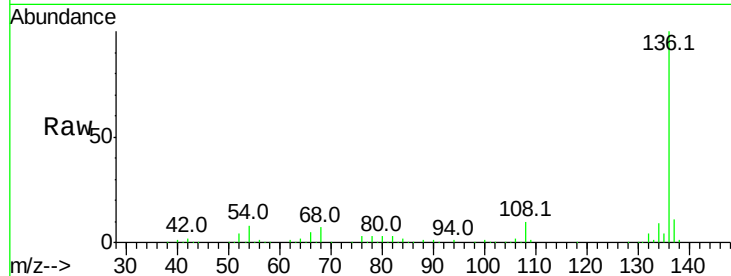
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	269405		
137	10.8		8.9	13.3
54	8.3		6.6	9.8
68	6.7		5.0	7.4

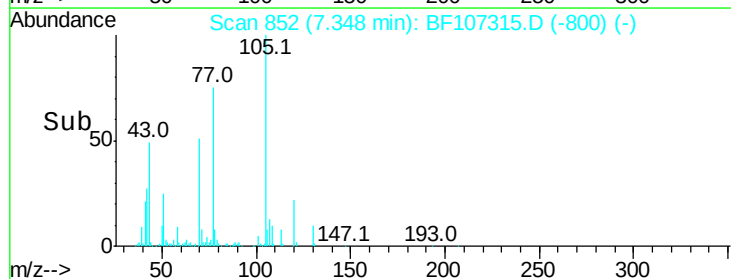
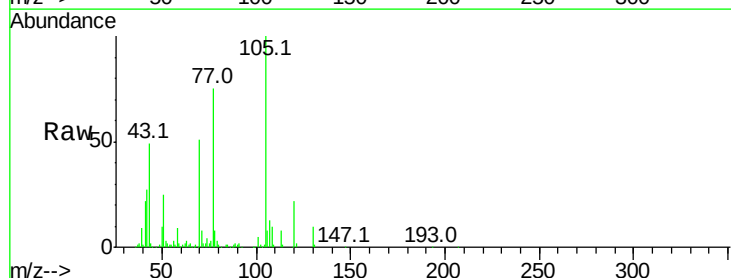
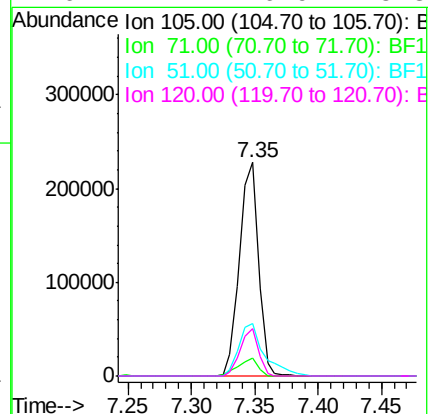
Manual Integrations
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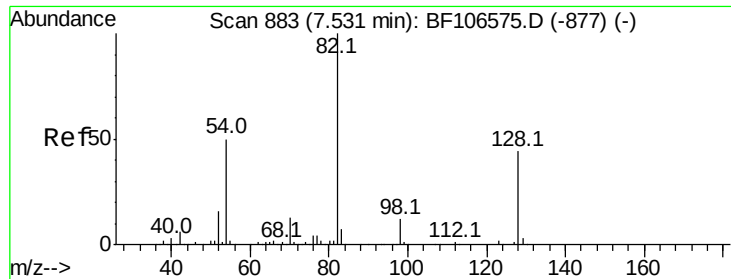
Sohil
7/12/2018 2:19:50 PM



#22
Acetophenone
Concen: 39.124 ng
RT: 7.35 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235808		
71	8.3		4.4	6.6#
51	24.7		22.3	33.5
120	22.2		16.9	25.3





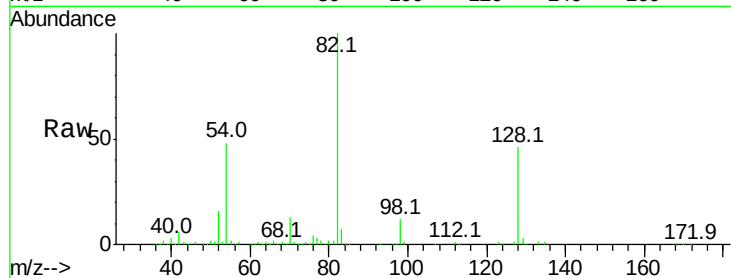
#23
Nitrobenzene-d5
Concen: 74.644 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

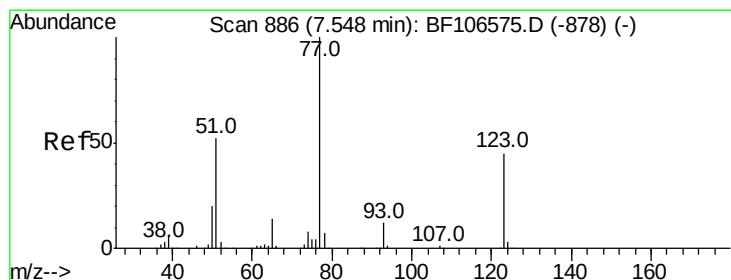
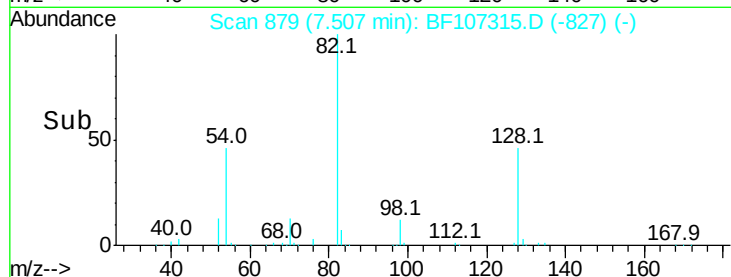
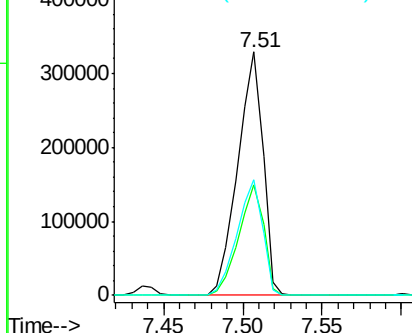
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	47.7	41.4	62.2

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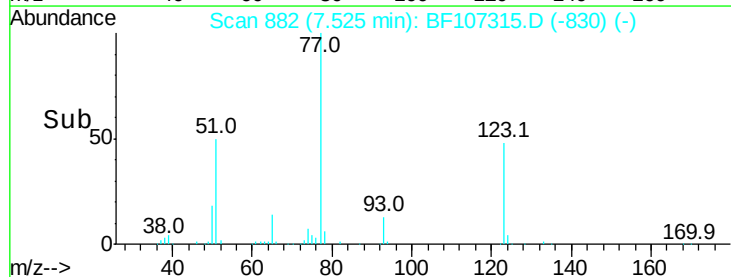
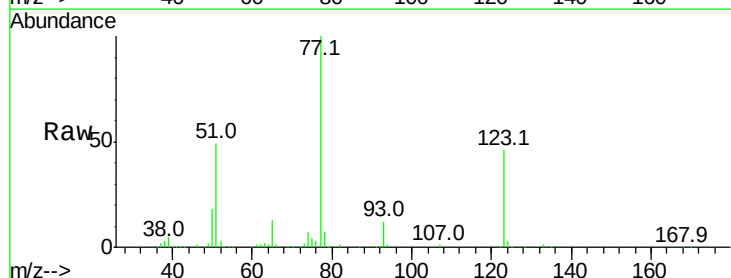
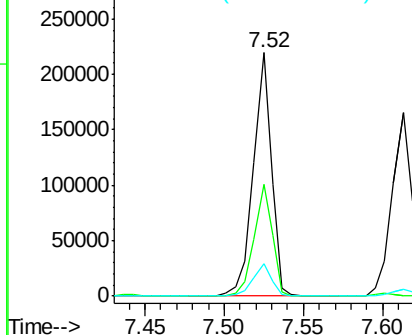
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

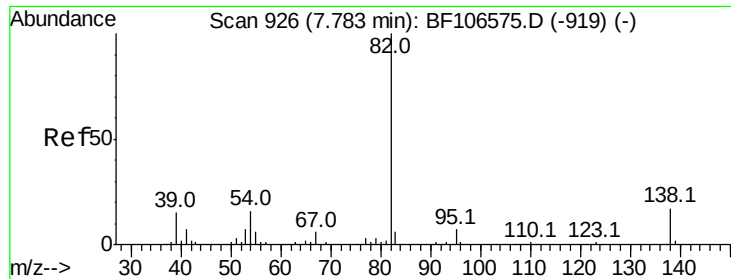


#24
Nitrobenzene
Concen: 35.378 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.9	56.9
65	13.3	11.0	16.4

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





#25

Isophorone

Concen: 37.602 ng

RT: 7.76 min Scan# 922

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

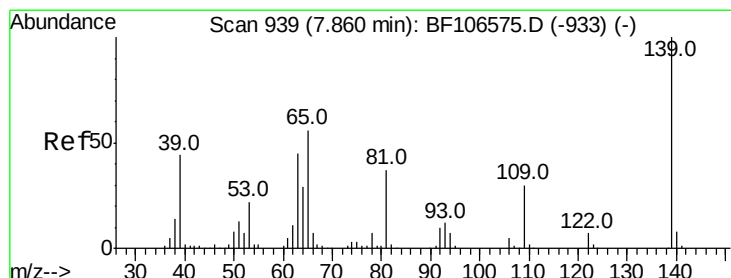
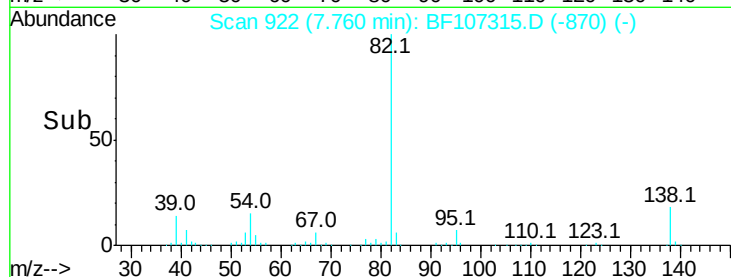
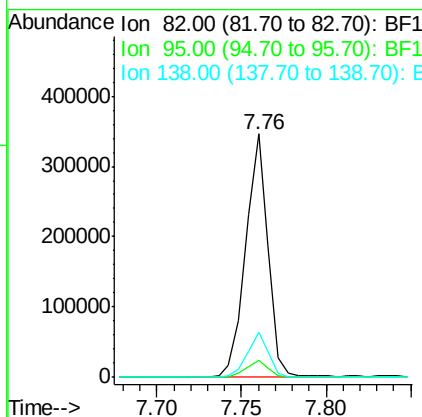
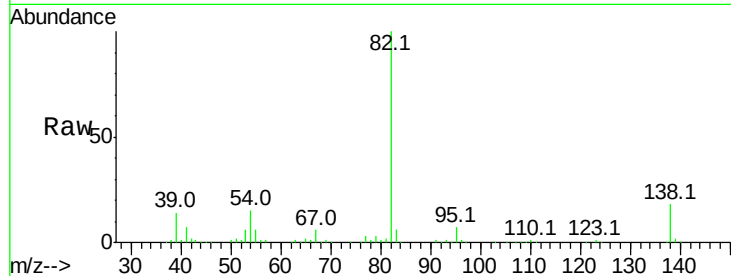
ClientSampleId :

EP-12-W1MSD

Tot Ion:	82	Resp:	321215
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	18.3	14.9	22.3

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7/12/2018 2:19:50 PM



#26

2-Nitrophenol

Concen: 26.873 ng

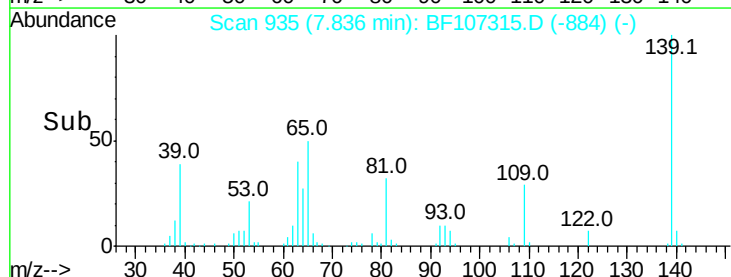
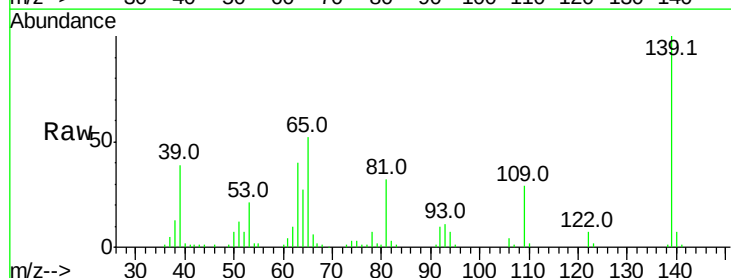
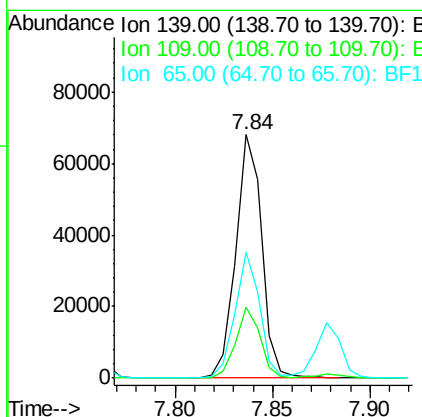
RT: 7.84 min Scan# 935

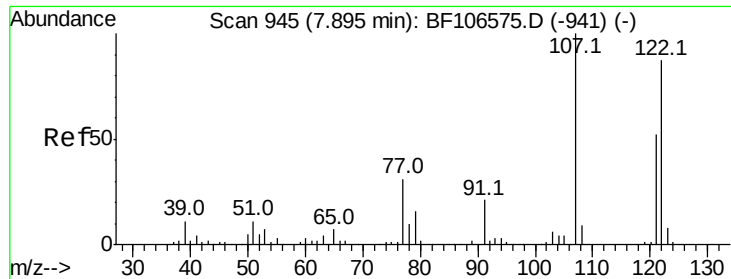
Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	139	Resp:	62787
Ion Ratio	Lower	Upper	
139	100		
109	28.9	22.7	34.1
65	51.7	40.5	60.7





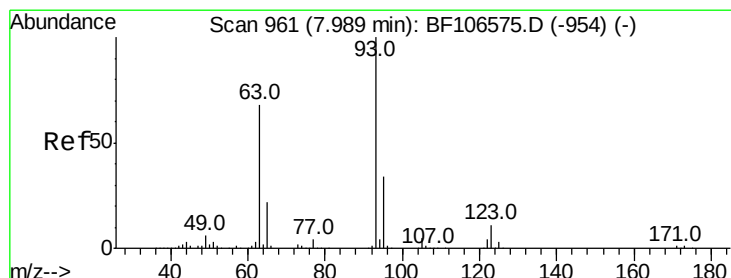
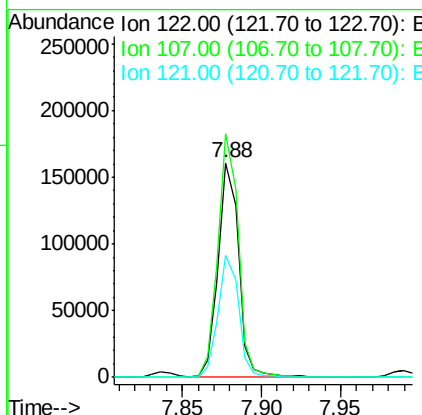
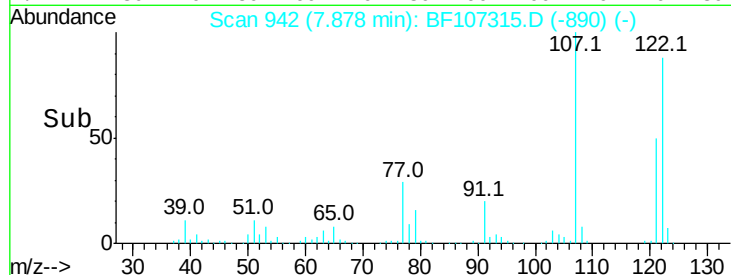
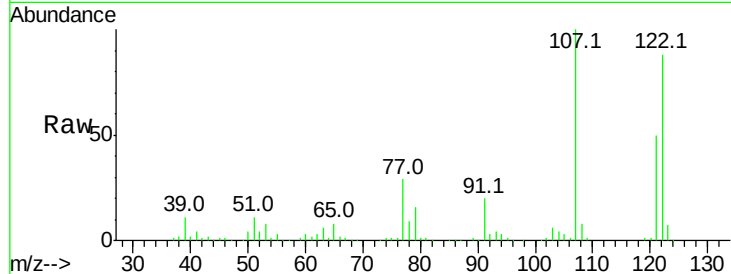
#27
 2,4-Dimethylphenol
 Concen: 40.334 ng
 RT: 7.88 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	145659		
107	113.5	91.2	136.8	
121	56.9	47.2	70.8	

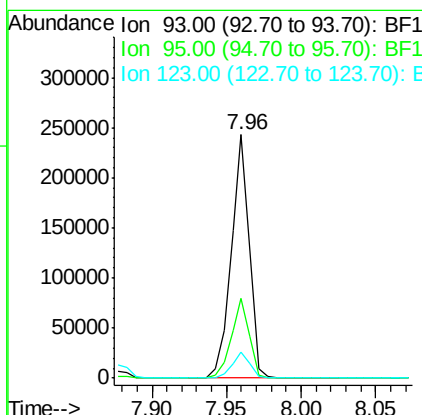
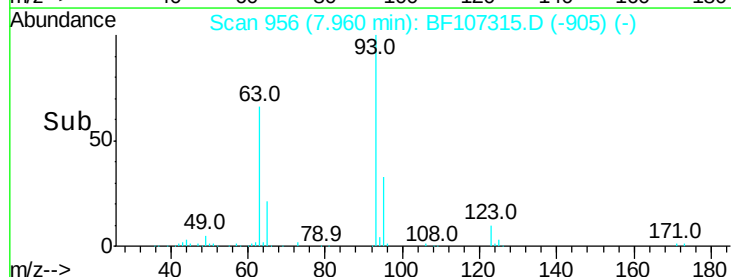
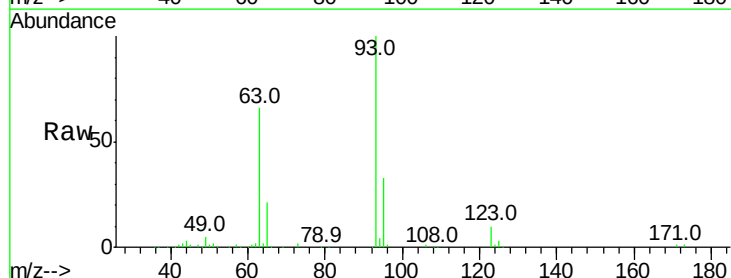
Manual Integrations
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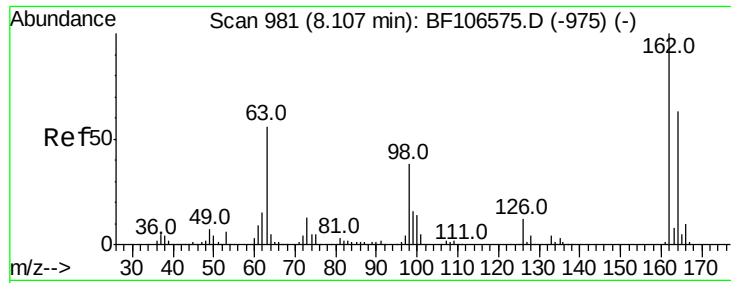
Sohil
 7/12/2018 2:19:50 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.351 ng
 RT: 7.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	208493		
95	32.8	26.3	39.5	
123	10.4	9.8	14.6	





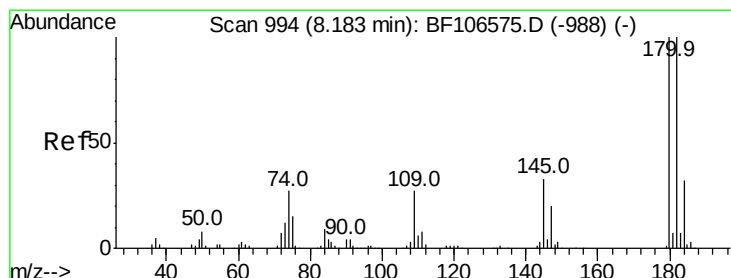
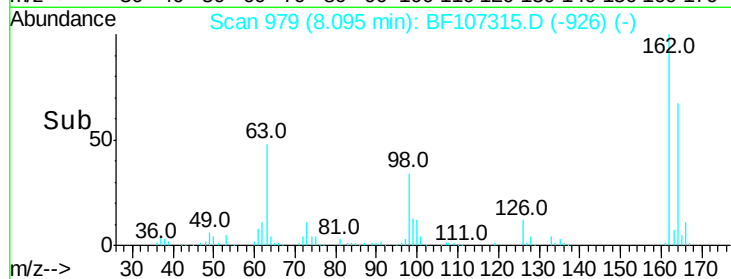
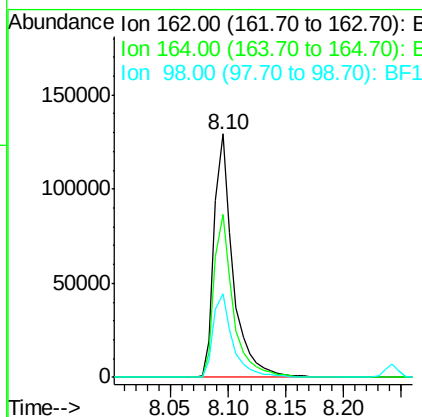
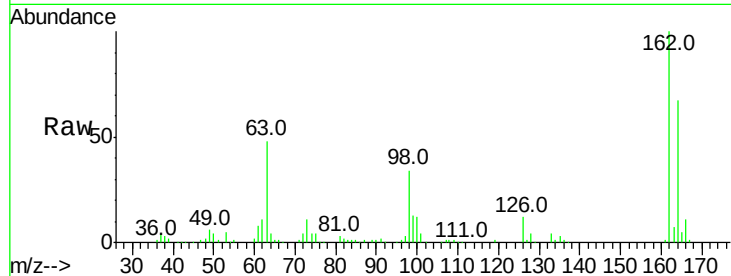
#29
2,4-Dichlorophenol
Concen: 38.664 ng
RT: 8.10 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	146180		
164	67.2	42.7	82.7	
98	34.1	18.1	58.1	

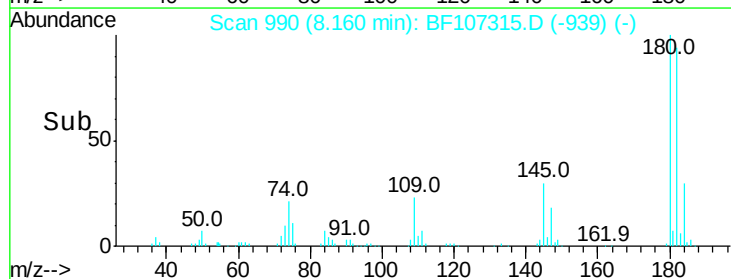
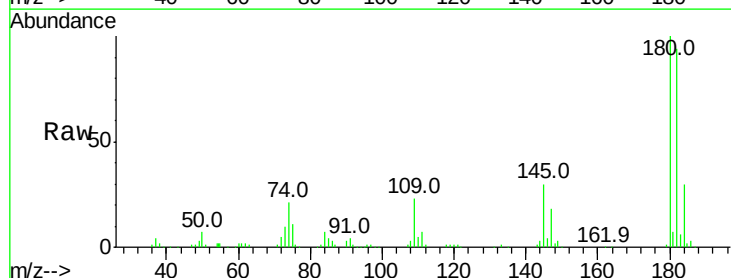
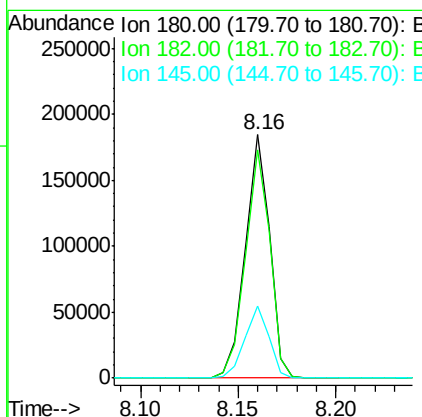
Manual Integrations
APPROVED

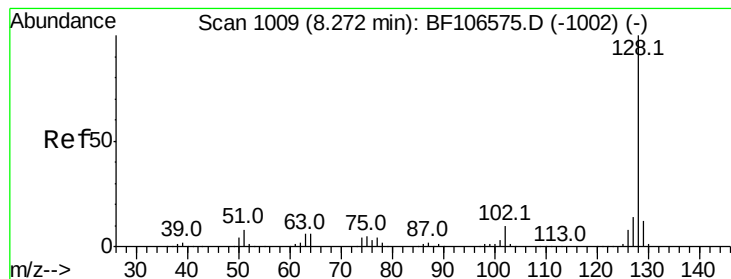
Sohil
7/12/2018 2:19:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.390 ng
RT: 8.16 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	159892		
182	94.0	76.8	115.2	
145	29.8	26.5	39.7	





#31

Naphthalene

Concen: 36.516 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

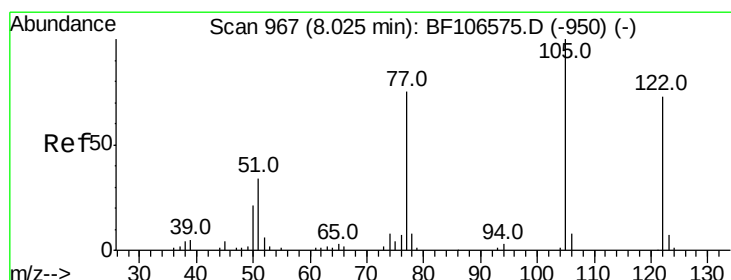
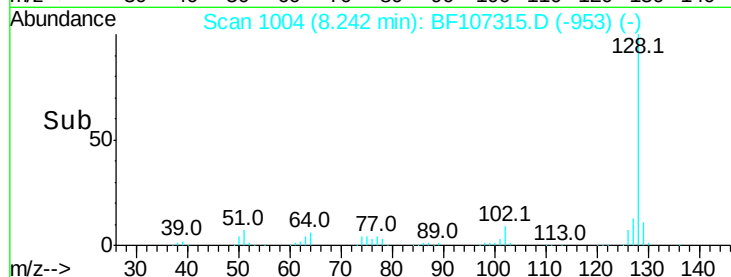
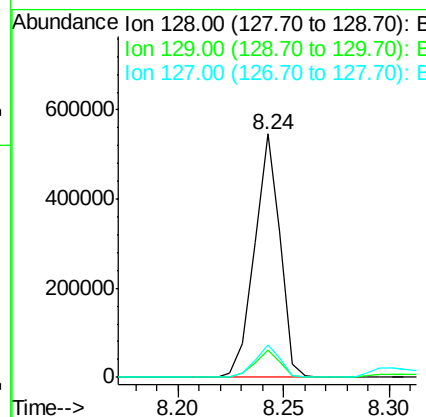
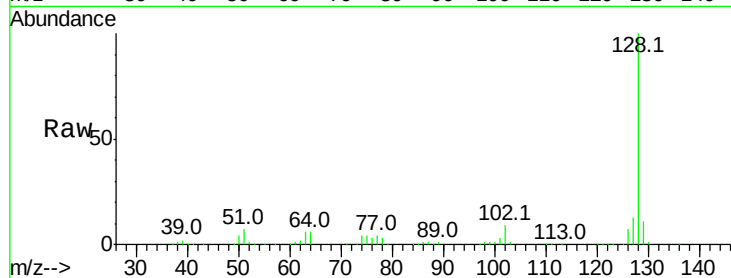
ClientSampleId :

EP-12-W1MSD

Tot Ion:	128	Resp:	459934
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 8.272 ng

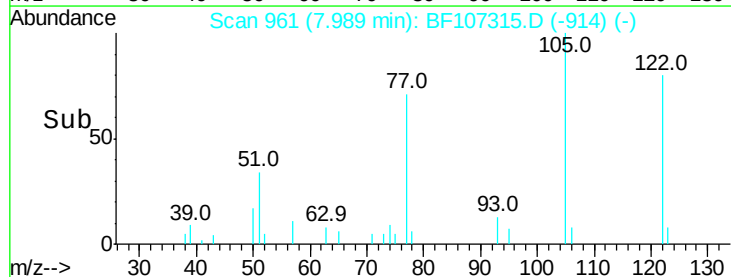
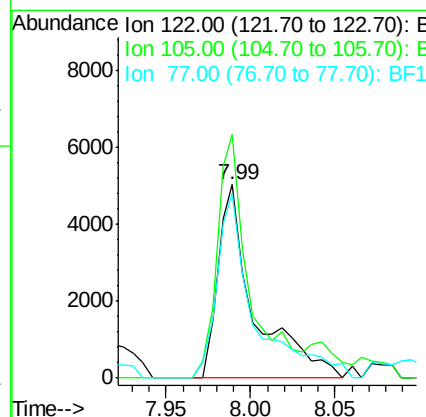
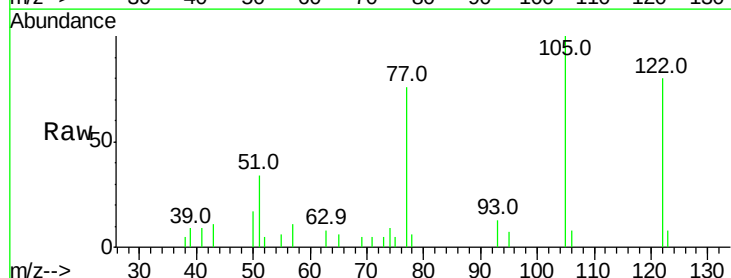
RT: 7.99 min Scan# 961

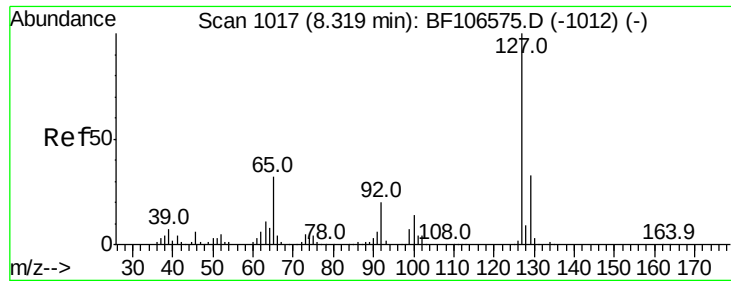
Delta R.T. -0.02 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	122	Resp:	7580
Ion Ratio	Lower	Upper	
122	100		
105	125.8	101.1	141.1
77	95.4	70.7	110.7





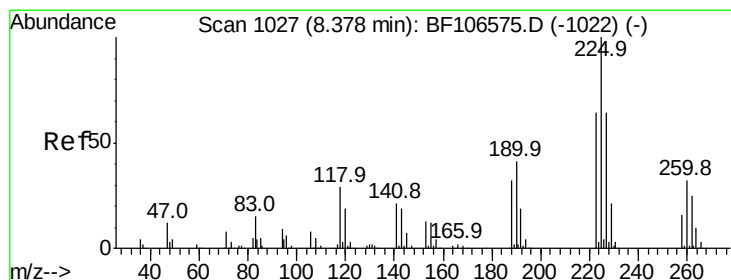
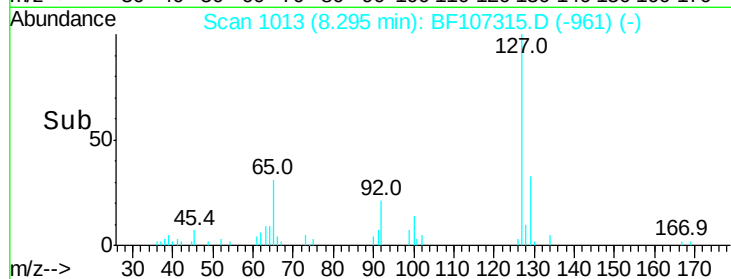
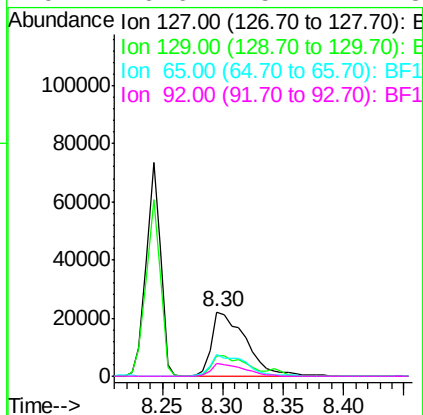
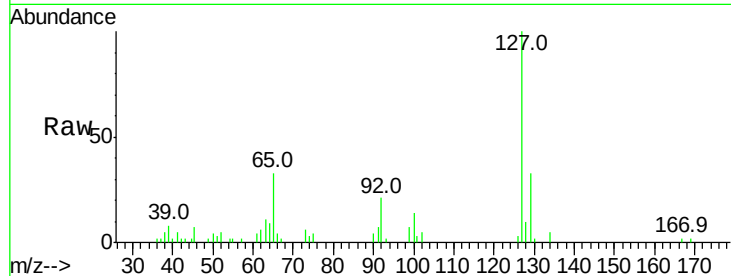
#33
4-Chloroaniline
Concen: 8.325 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.9	38.9		
65	33.2	25.0	37.4		
92	20.6	15.2	22.8		

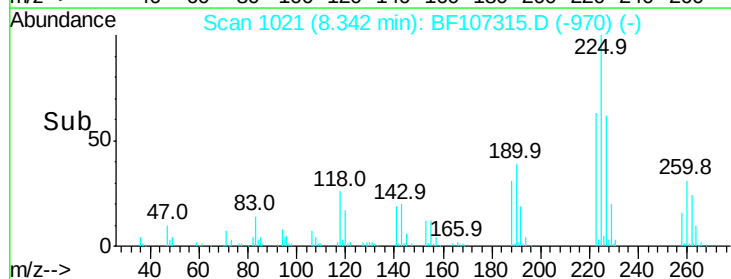
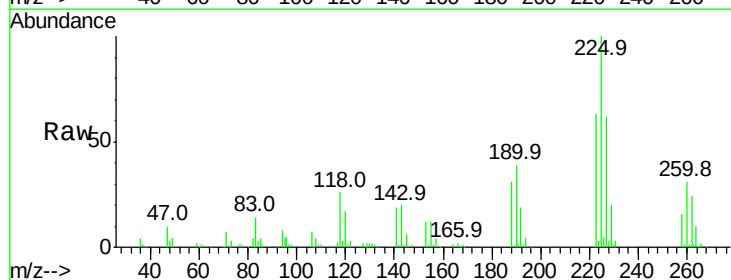
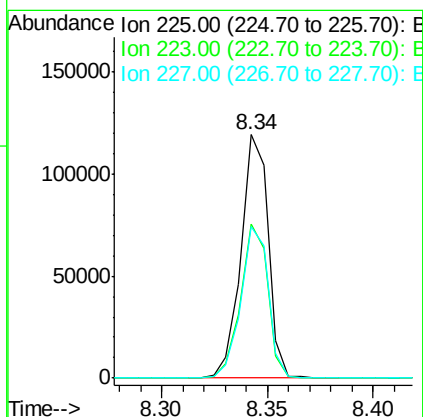
Manual Integrations
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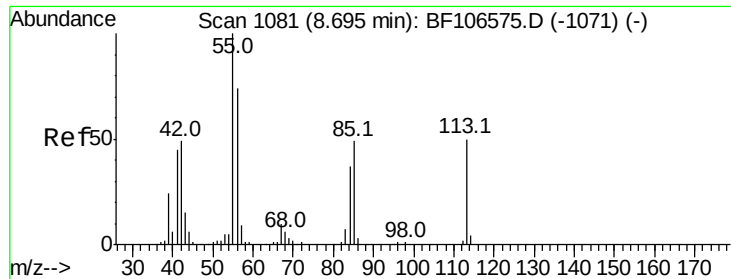
Sohil
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#34
Hexachlorobutadiene
Concen: 39.194 ng
RT: 8.34 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.6	76.0		
227	62.4	51.9	77.9		





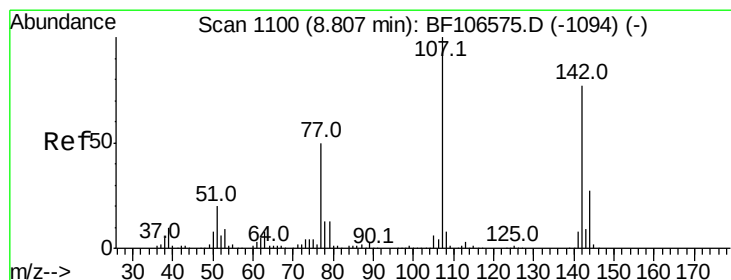
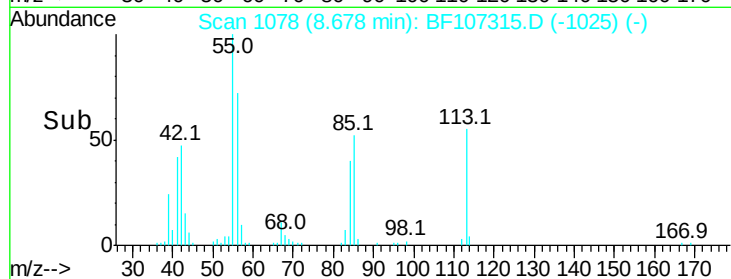
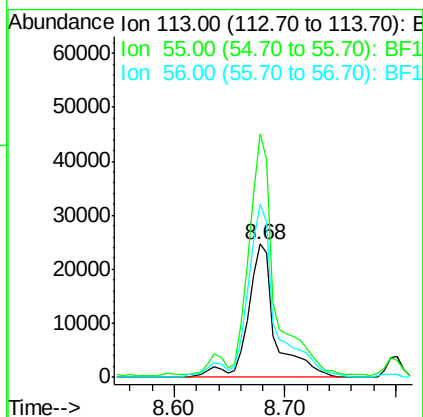
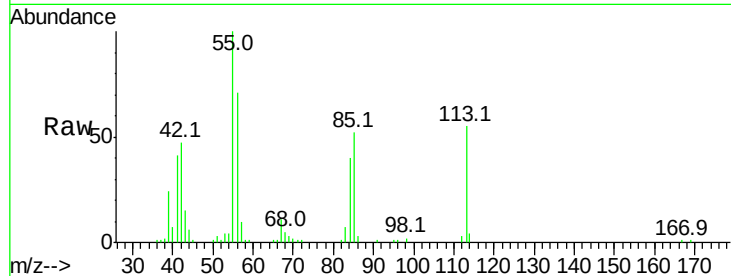
#35
 Caprolactam
 Concen: 34.834 ng/ml
 RT: 8.68 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.0	163.3	203.3
56	130.0	115.7	155.7

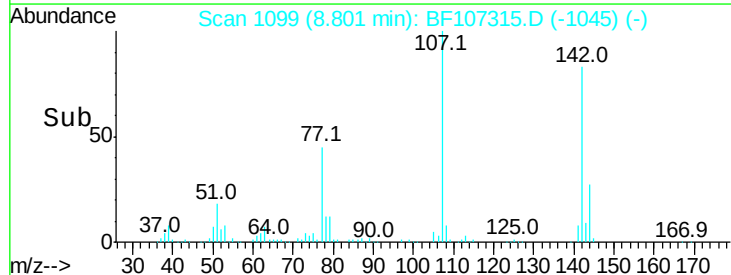
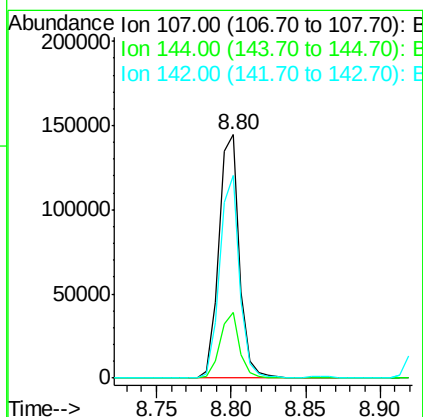
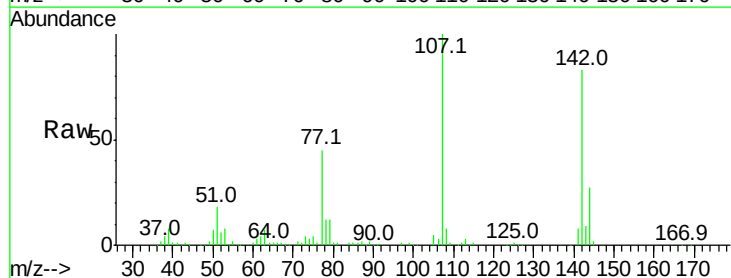
Manual Integrations
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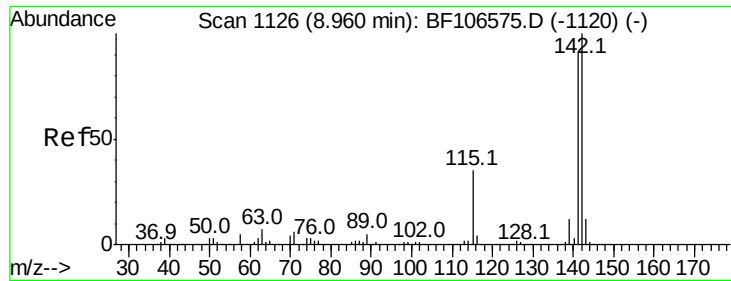
Sohil
 7/12/2018 2:19:50 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.258 ng/ml
 RT: 8.80 min Scan# 1099
 Delta R.T. 0.02 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	83.3	62.0	93.0





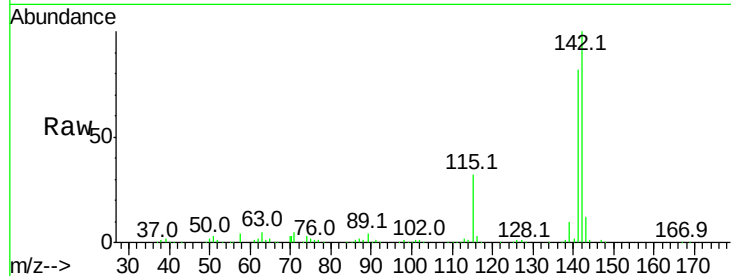
#37
2-Methylnaphthalene
Concen: 38.838 ng
RT: 8.94 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

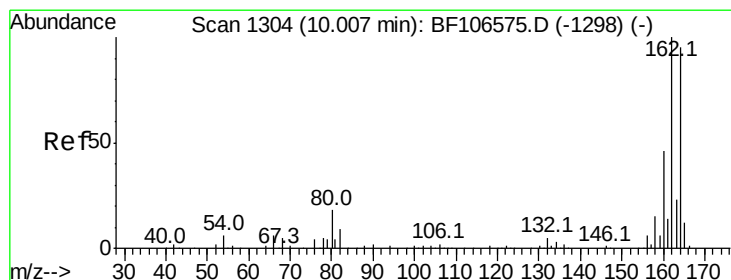
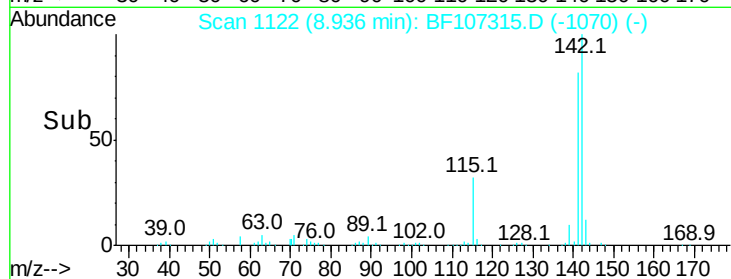
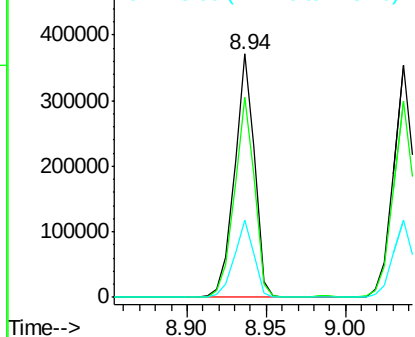
Tot Ion	Ratio	Lower	Upper
142	100		
141	82.1	70.8	106.2
115	31.7	26.1	39.1

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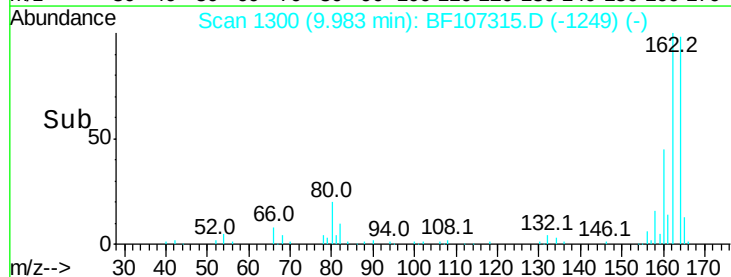
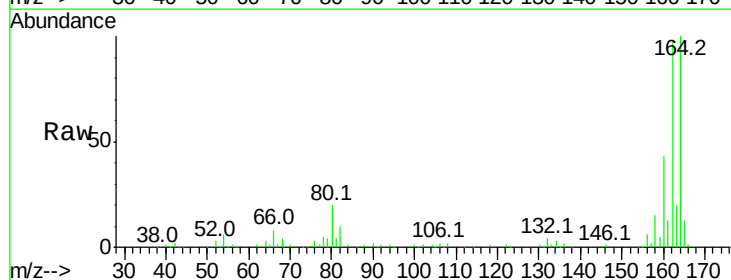
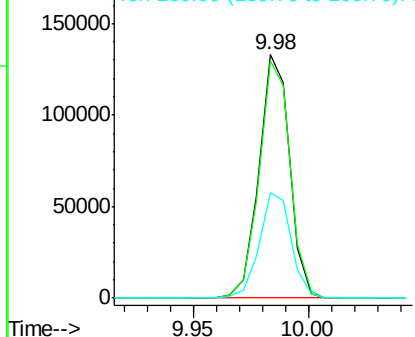
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

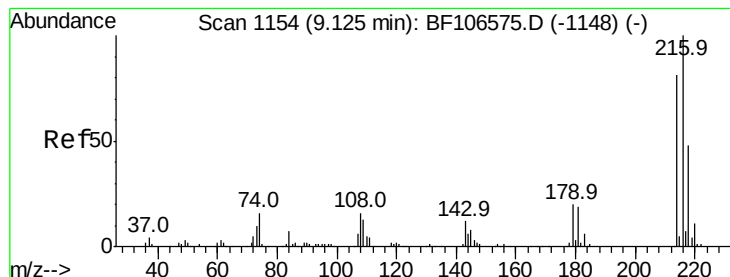


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	86.1	129.1
160	43.5	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.093 ng

RT: 9.10 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

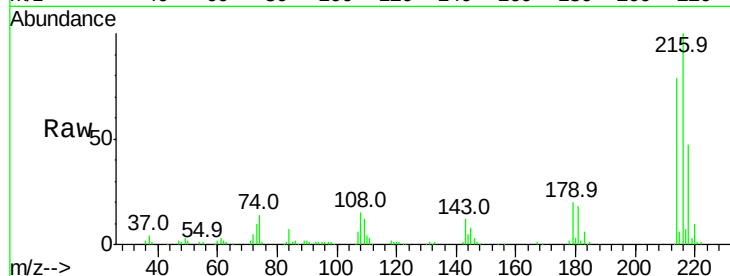
ClientSampleId :

EP-12-W1MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.2	18.1	27.1
108	14.2	17.2	25.8

Manual Integrations
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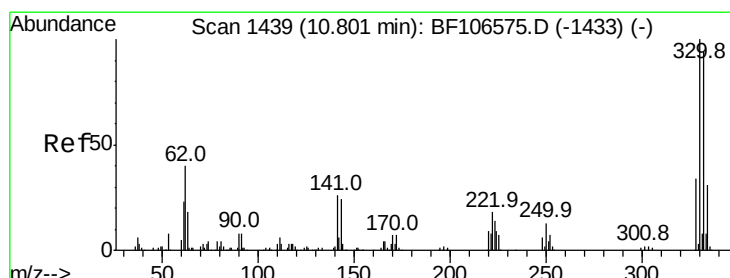
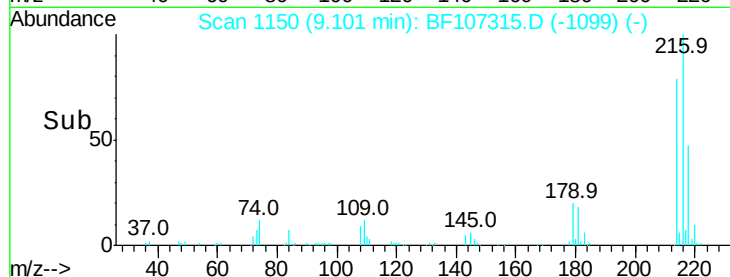
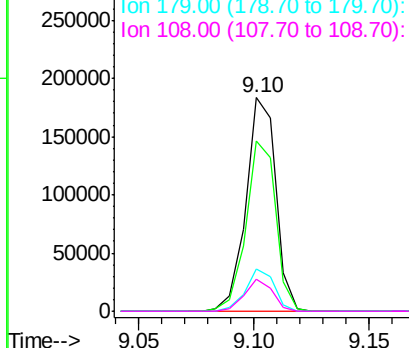


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 104.090 ng

RT: 10.79 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF107315.D

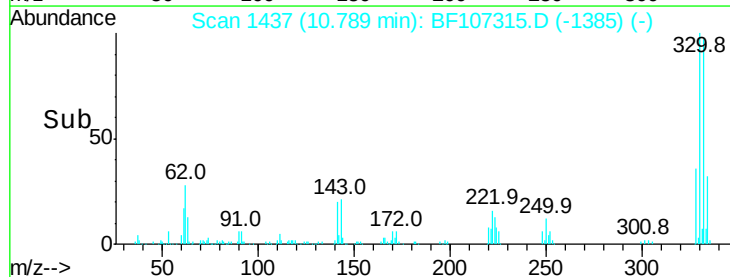
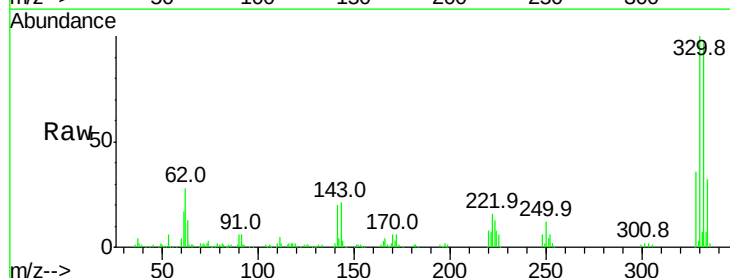
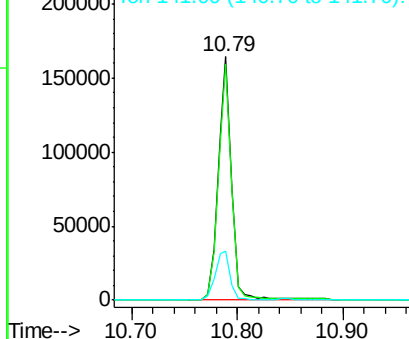
Acq: 11 Jul 2018 22:00

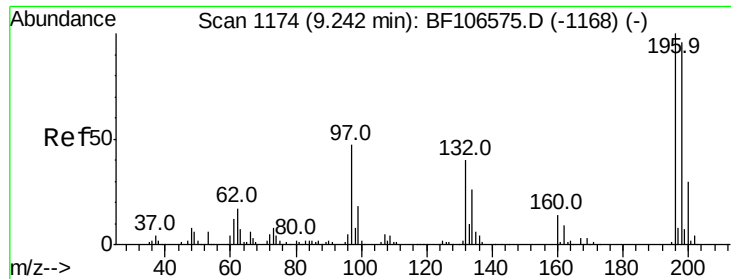
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	77.0	115.6
141	22.6	29.9	44.9

Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





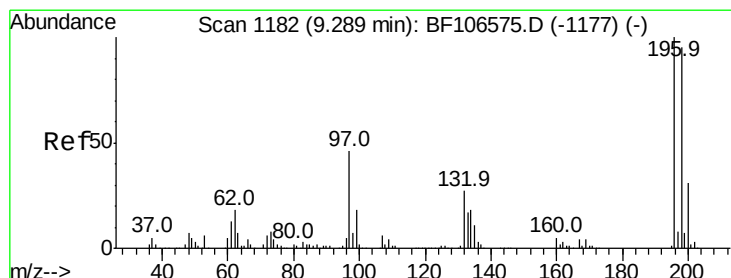
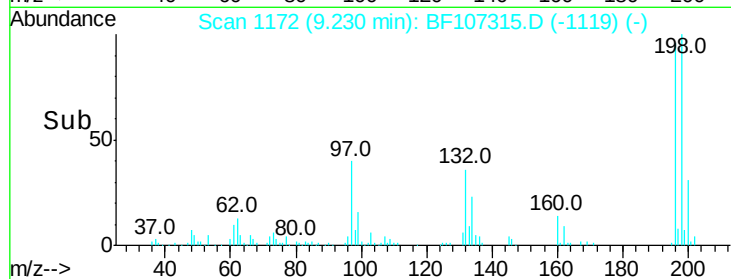
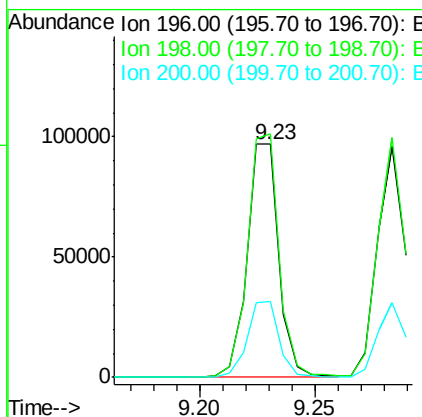
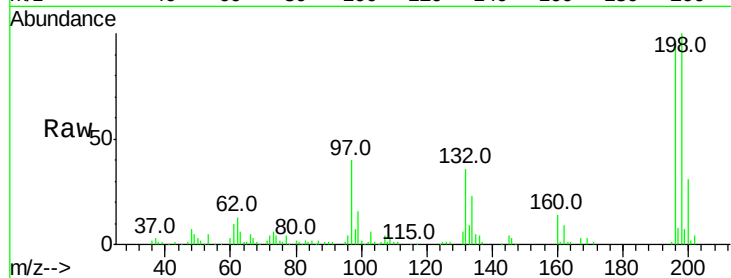
#42
 2,4,6-Trichlorophenol
 Concen: 33.810 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampled :
 EP-12-W1MSD

Tot Ion:	196	Resp:	93044
Ion Ratio	Lower	Upper	
196	100		
198	104.6	75.7	113.5
200	32.7	24.5	36.7

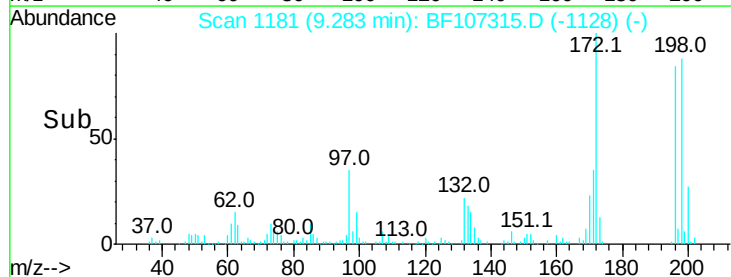
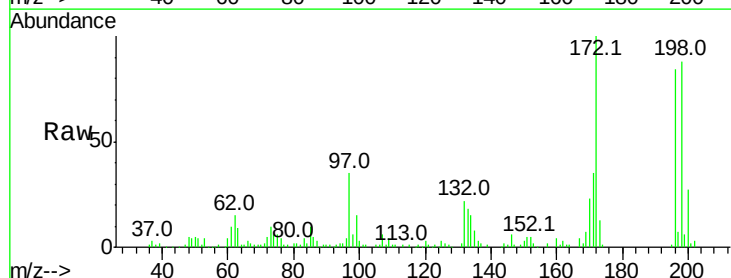
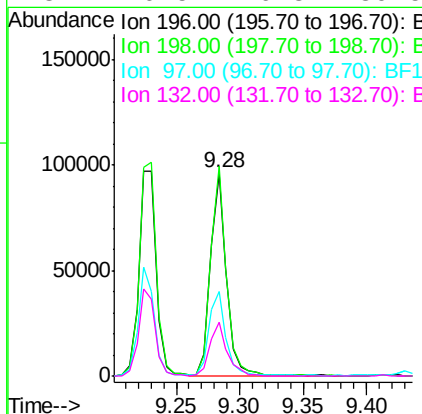
Manual Integrations
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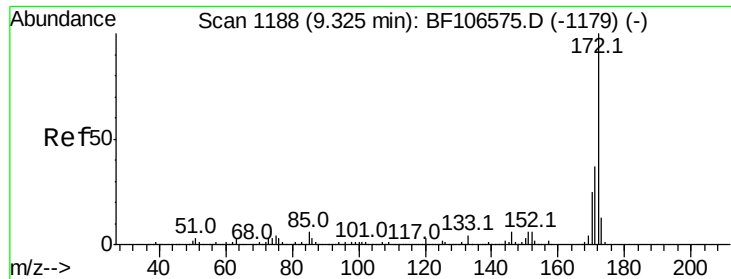
Sohil
 7/12/2018 2:19:50 PM



#43
 2,4,5-Trichlorophenol
 Concen: 30.305 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion:	196	Resp:	87022
Ion Ratio	Lower	Upper	
196	100		
198	104.1	74.6	112.0
97	42.0	42.9	64.3#
132	26.5	26.3	39.5





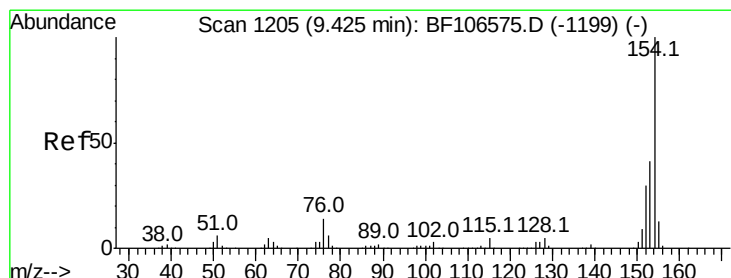
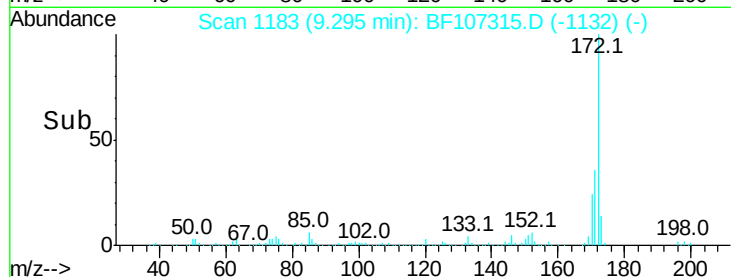
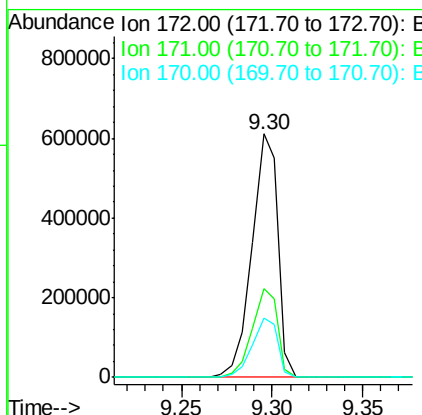
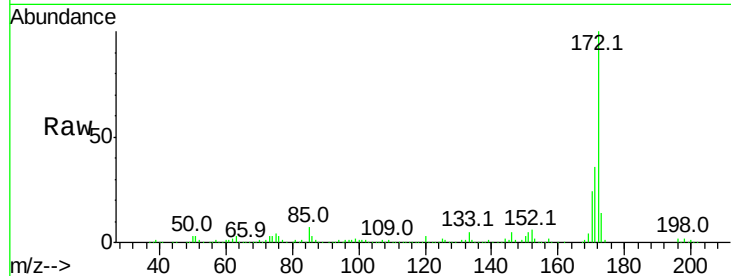
#44
2-Fluorobiphenyl
Concen: 83.051 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

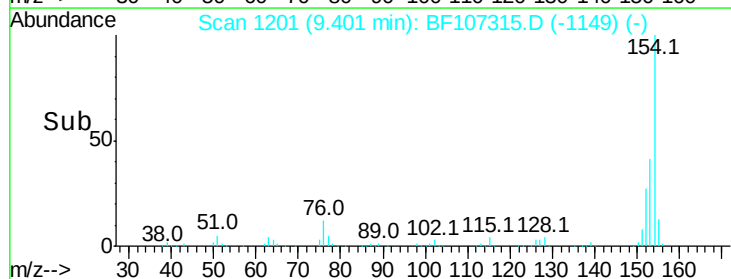
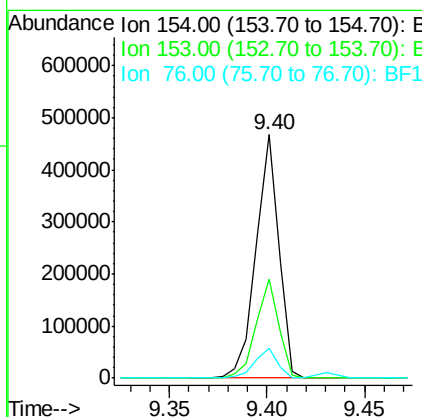
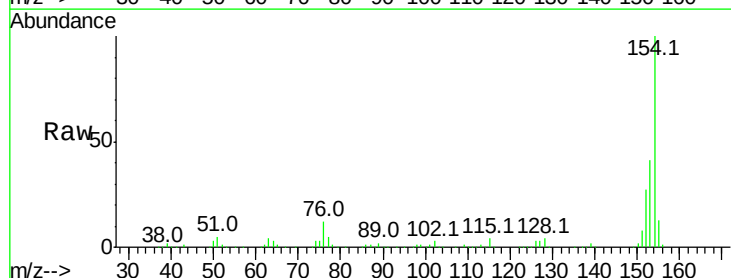
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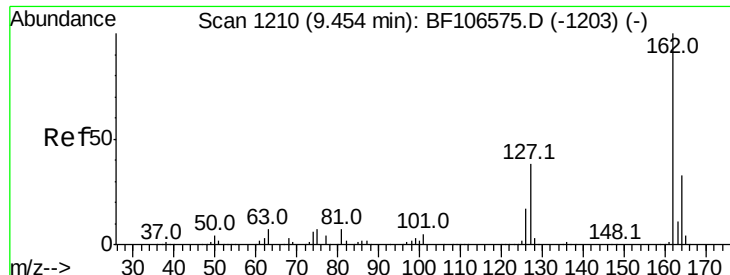
Sohil
7/12/2018 2:19:50 PM



#45
1,1'-Biphenyl
Concen: 38.732 ng
RT: 9.40 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	12.0	0.0	34.0





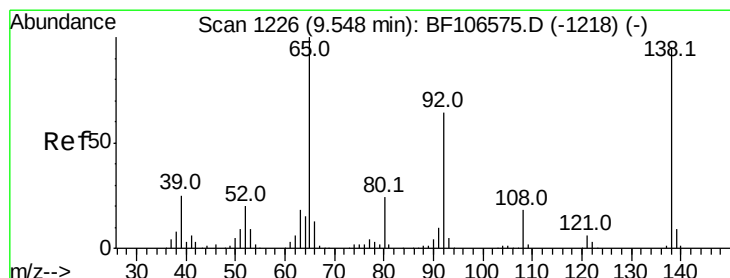
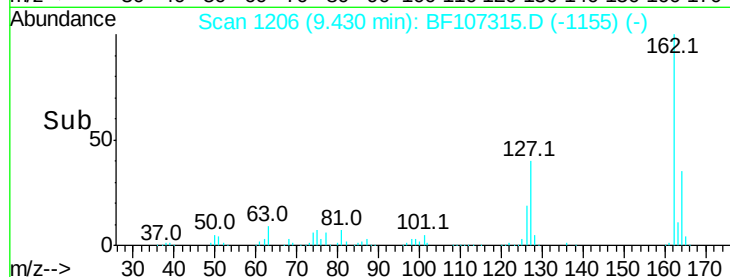
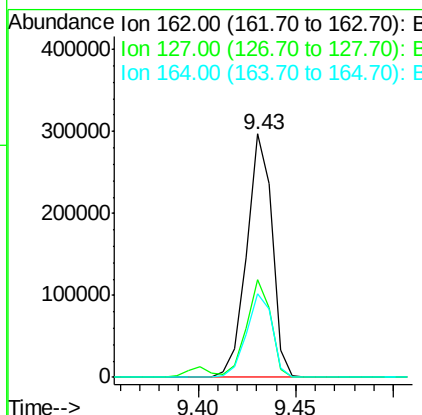
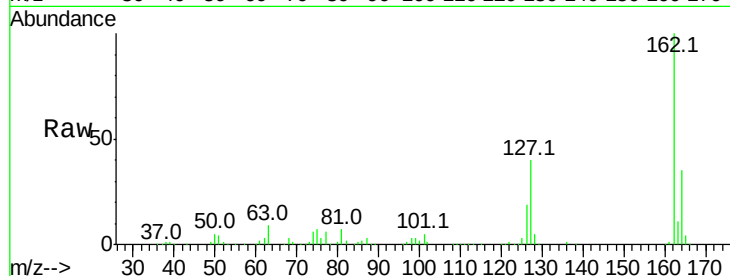
#46
 2-Chloronaphthalene
 Concen: 34.697 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.2	33.9	50.9
164	34.6	26.5	39.7

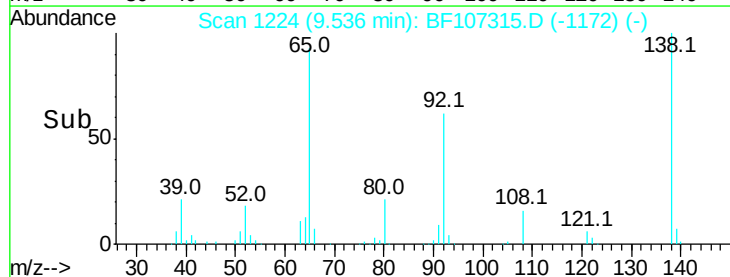
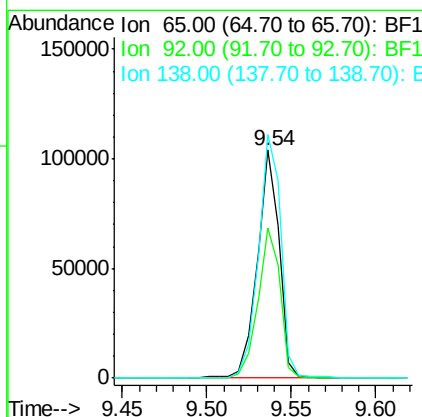
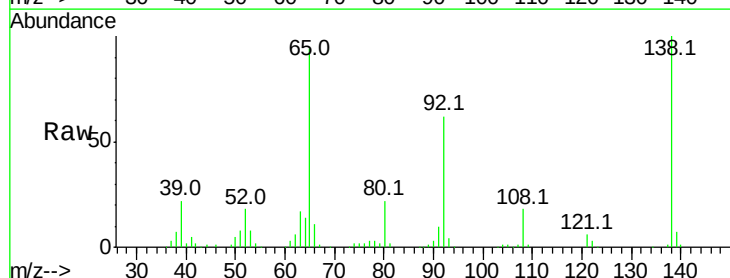
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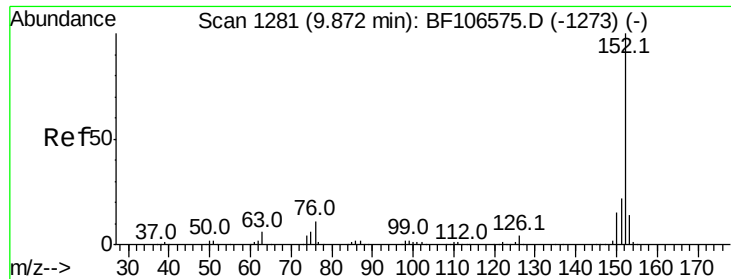
Sohil
 7/12/2018 2:19:50 PM



#47
 2-Nitroaniline
 Concen: 36.227 ng
 RT: 9.54 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	65.7	55.8	83.6
138	106.8	91.2	136.8





#48

Acenaphthylene

Concen: 38.974 ng

RT: 9.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

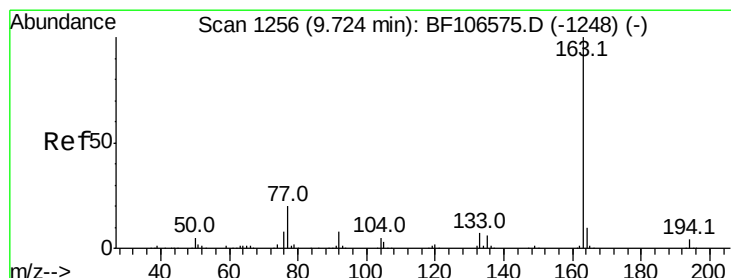
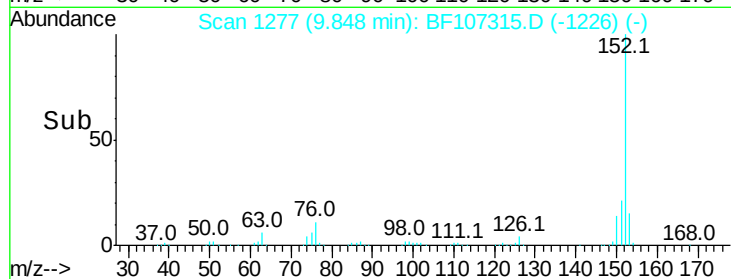
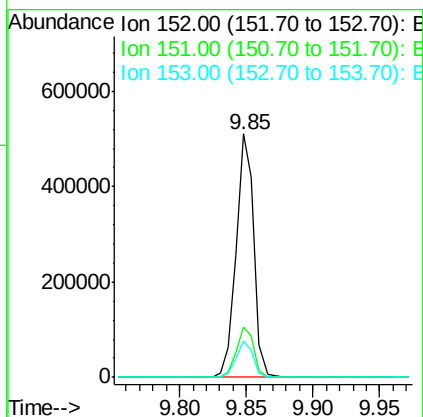
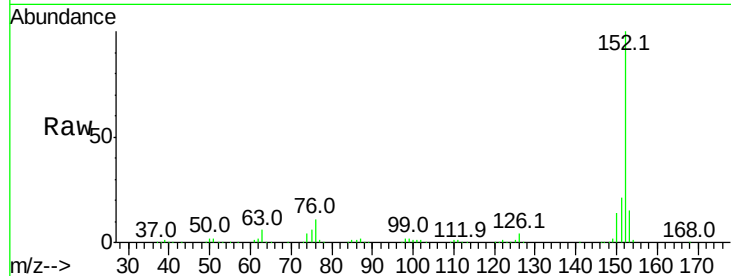
ClientSampleId :

EP-12-W1MSD

Tot Ion:	152	Resp:	474520
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	14.8	10.7	16.1

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7/12/2018 2:19:50 PM



#49

Dimethylphthalate

Concen: 48.889 ng

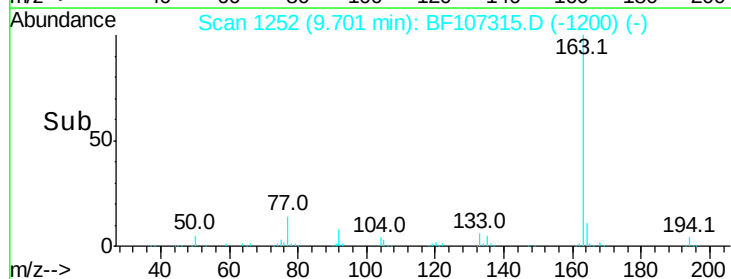
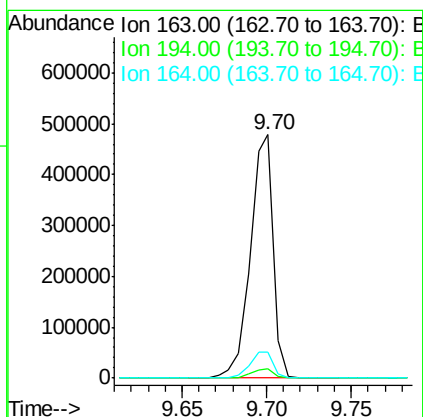
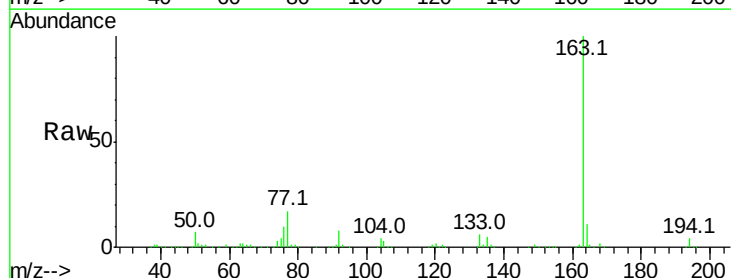
RT: 9.70 min Scan# 1252

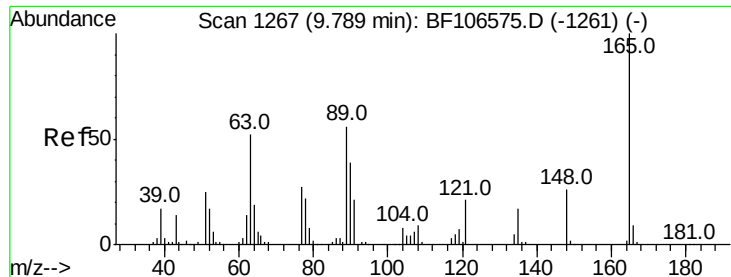
Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	163	Resp:	450770
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	10.5	8.2	12.2





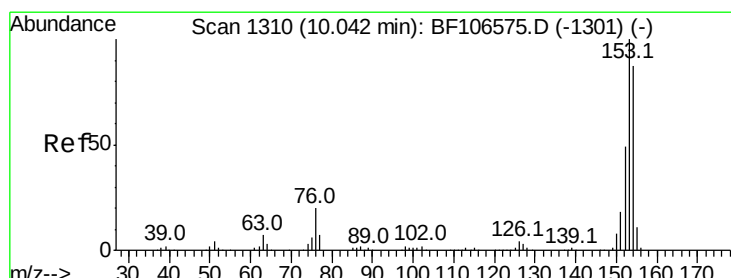
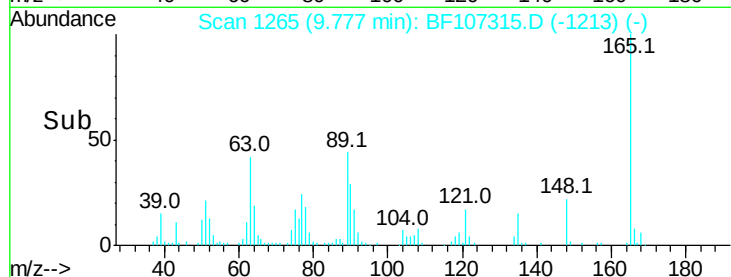
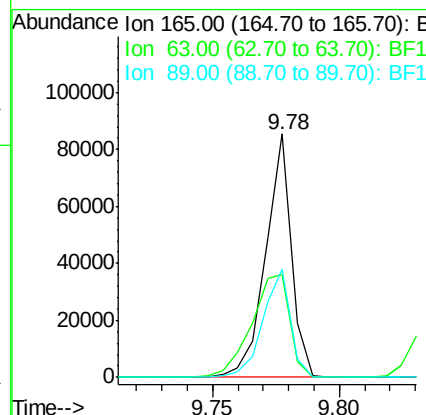
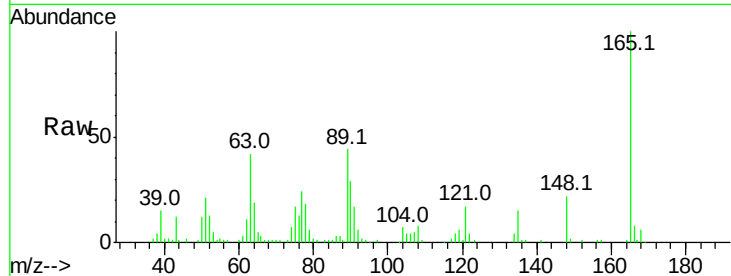
#50
2,6-Dinitrotoluene
Concen: 30.922 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	44.7	67.1#
89	44.3	44.0	66.0

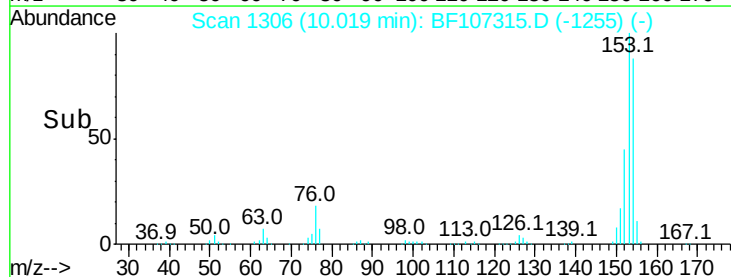
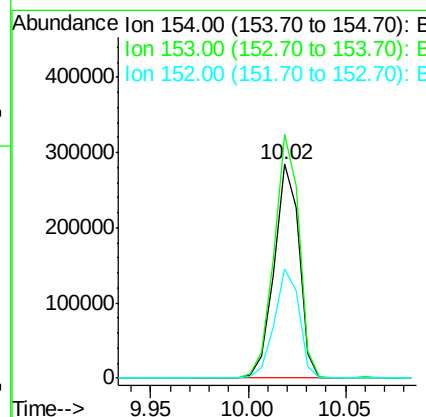
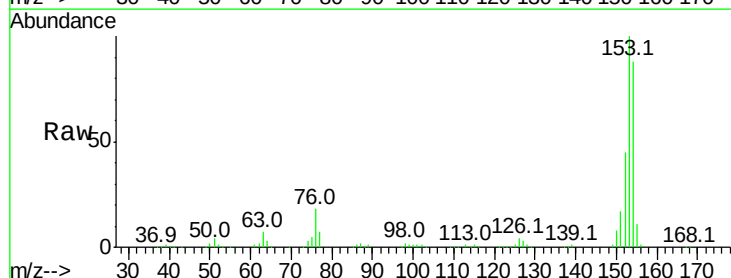
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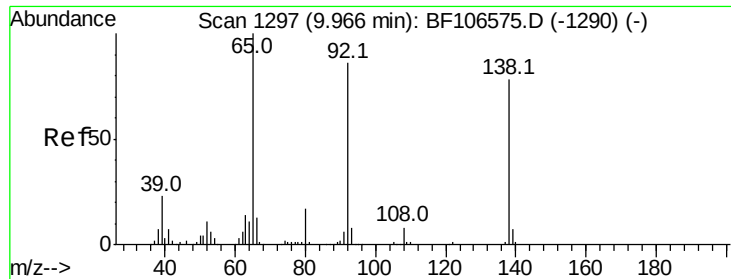
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#51
Acenaphthene
Concen: 32.972 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	51.1	43.8	65.8





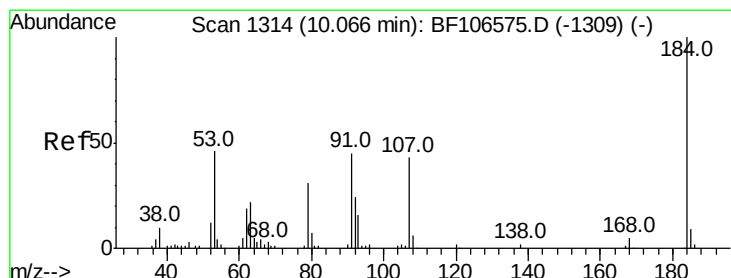
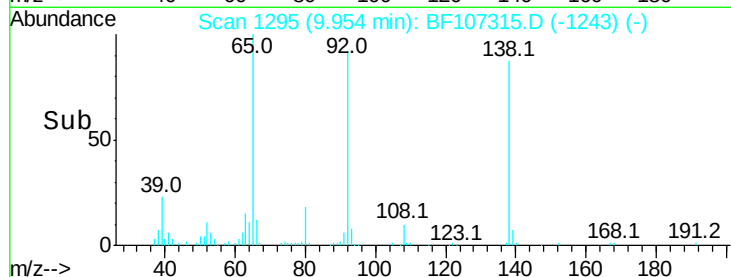
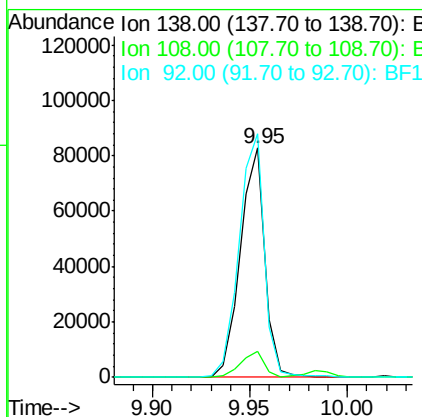
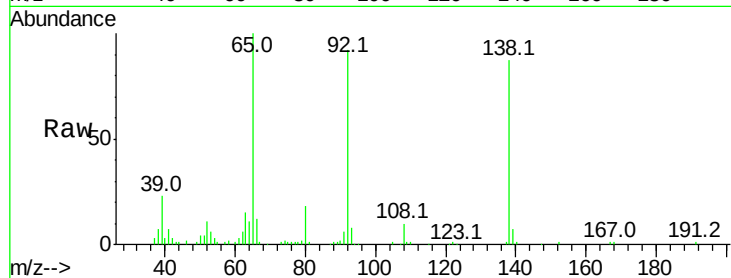
#52
3-Nitroaniline
Concen: 32.043 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.0
92	106.1	89.4	134.2

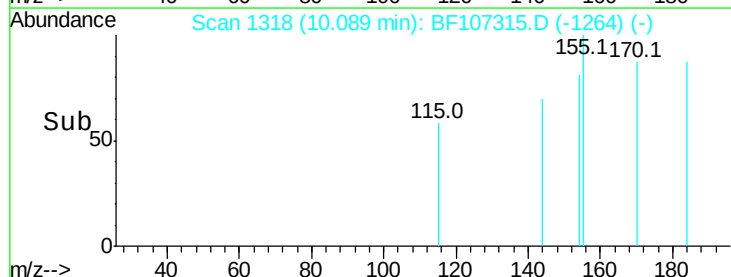
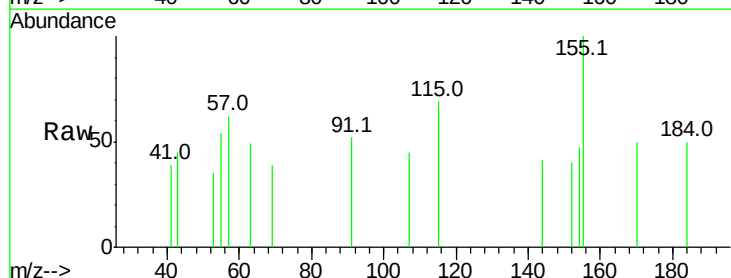
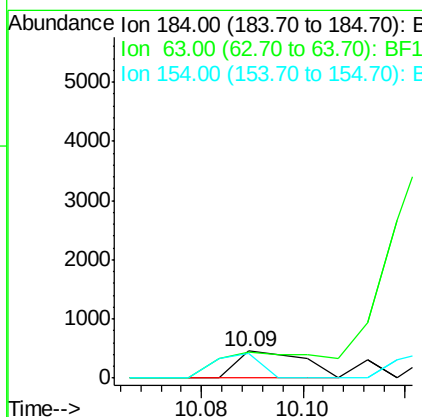
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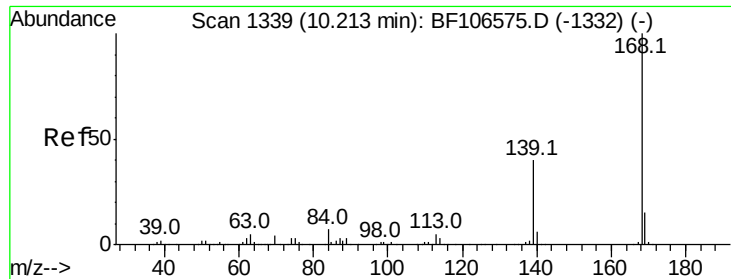
Sohil
7/12/2018 2:19:50 PM



#53
2,4-Dinitrophenol
Concen: 5.733 ng
RT: 10.09 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	96.5	54.2	81.2#
154	93.4	184.0	276.0#





#54

Dibenzofuran

Concen: 35.102 ng

RT: 10.20 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

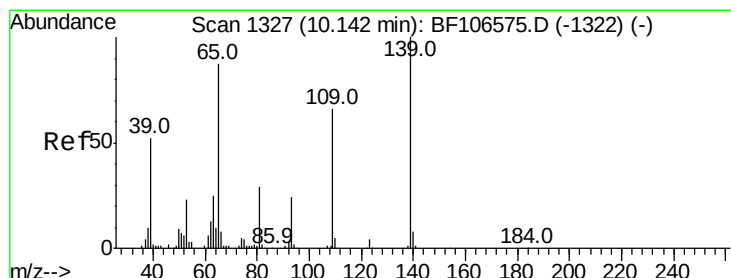
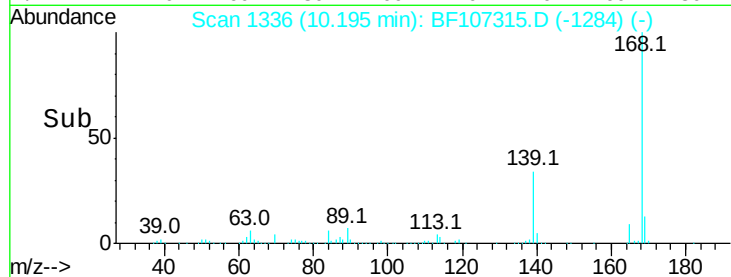
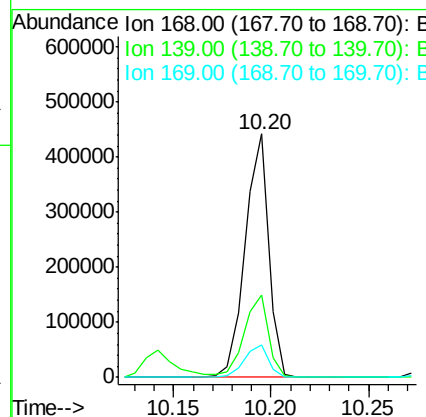
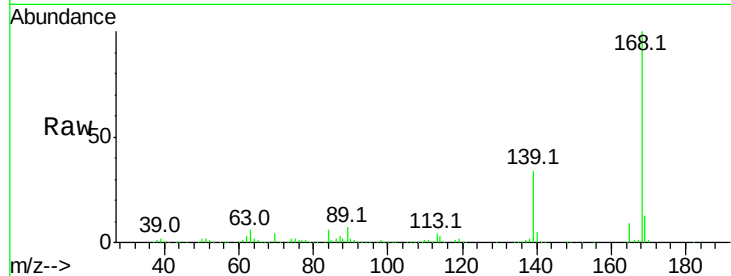
ClientSampleId :

EP-12-W1MSD

Tot Ion:	168	Resp:	368517
Ion Ratio	Lower	Upper	
168	100		
139	33.9	30.1	45.1
169	13.3	10.9	16.3

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7/12/2018 2:19:50 PM



#55

4-Nitrophenol

Concen: 35.318 ng

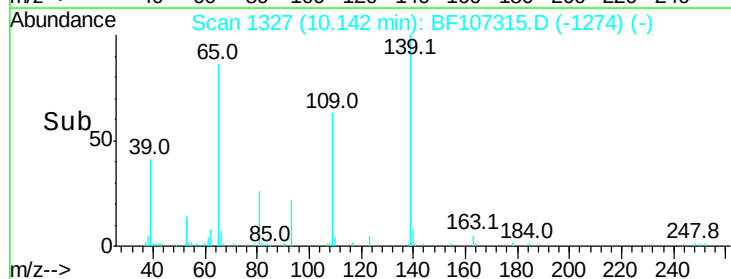
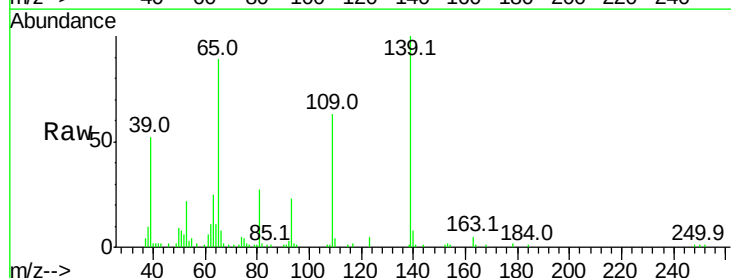
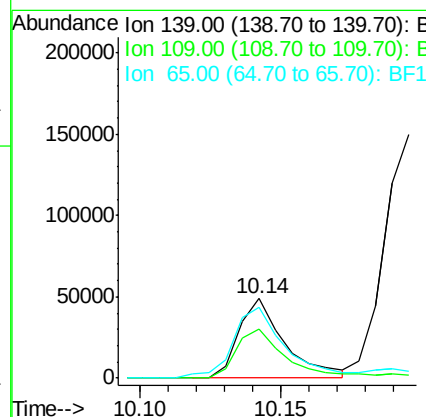
RT: 10.14 min Scan# 1327

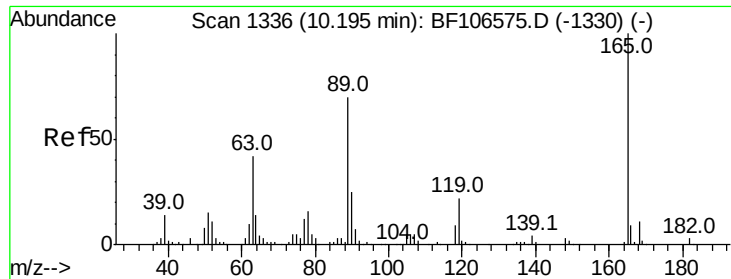
Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	139	Resp:	55386
Ion Ratio	Lower	Upper	
139	100		
109	62.7	48.4	88.4
65	88.7	72.6	112.6





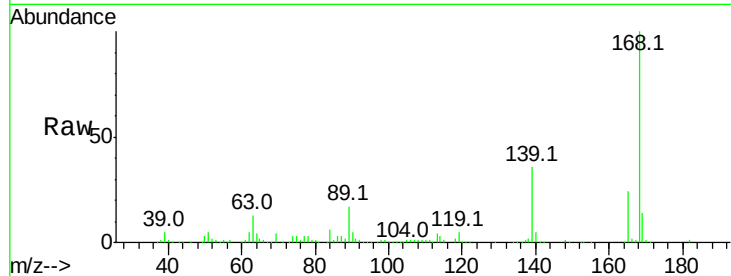
#56
2,4-Dinitrotoluene
Concen: 25.489 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

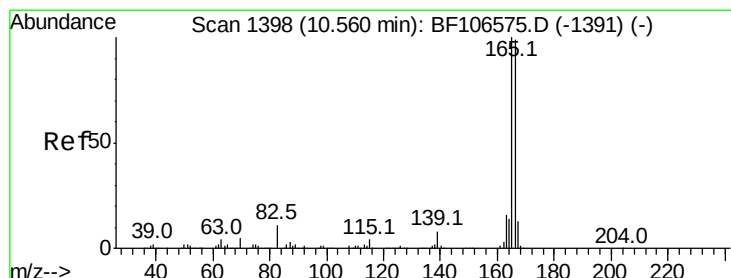
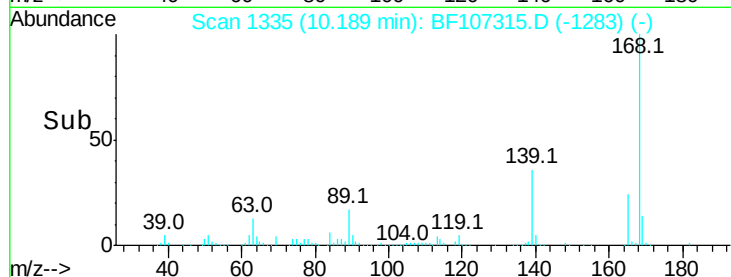
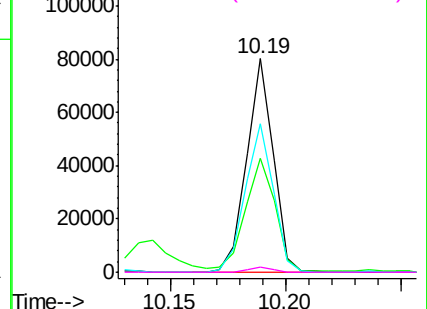
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.5	36.4	54.6
89	69.4	57.8	86.6
182	2.3	1.6	2.4

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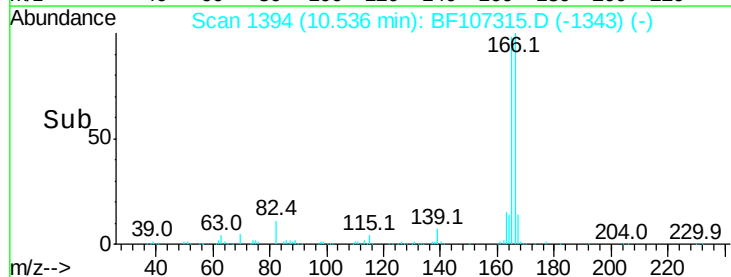
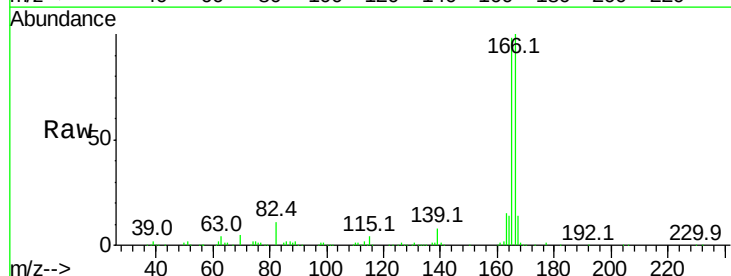
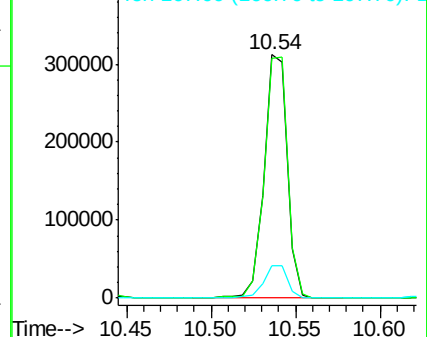
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

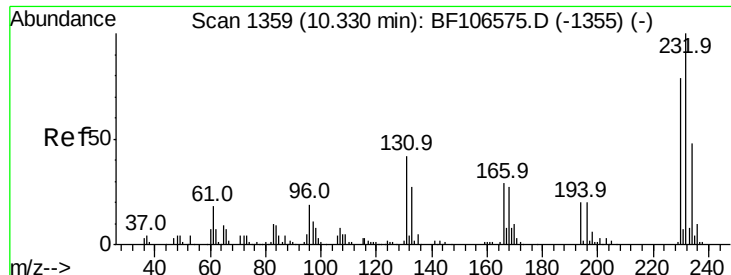


#57
Fluorene
Concen: 35.837 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.5	10.6	16.0

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





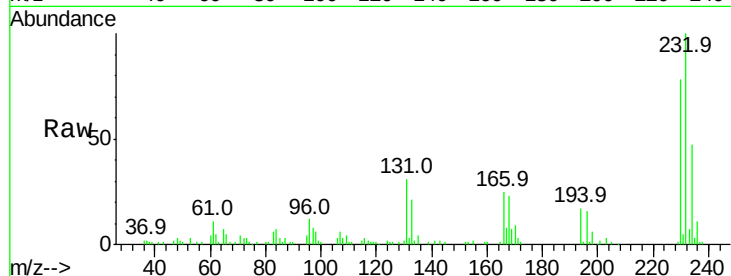
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.600 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.8	43.8	65.8#
130	1.5	2.1	3.1#
166	25.6	27.8	41.6#

Manual Integrations
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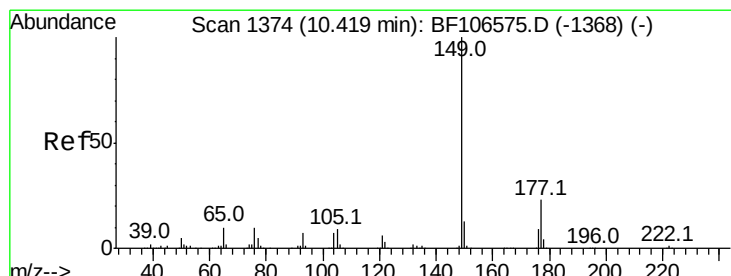
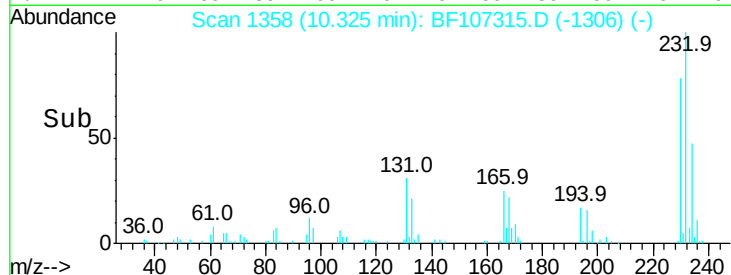
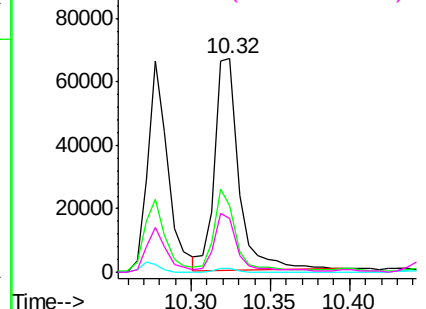
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

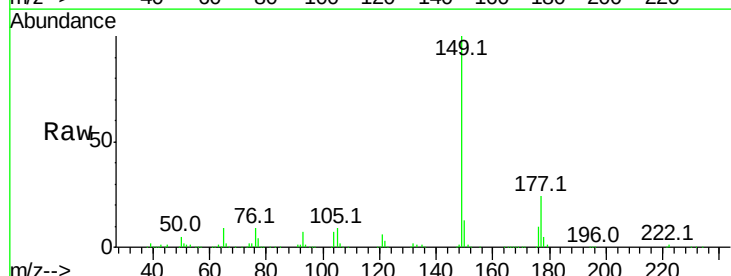
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 34.773 ng
 RT: 10.40 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.1	24.1
150	12.8	10.1	15.1

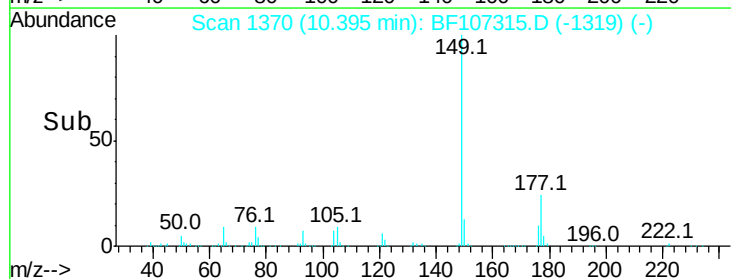
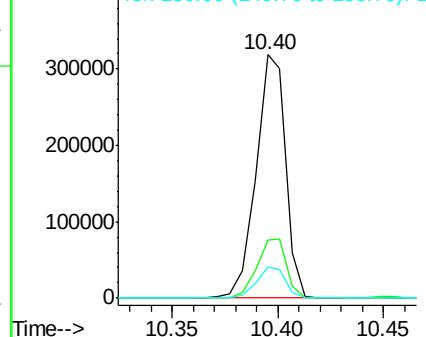


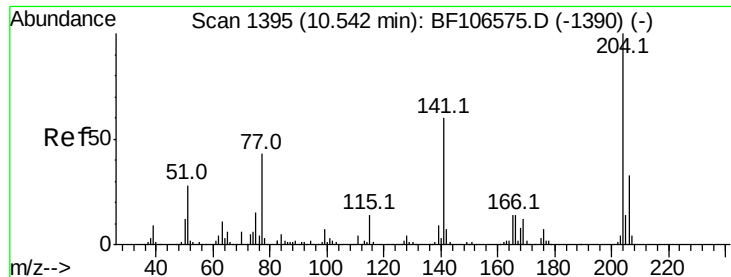
Abundance

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





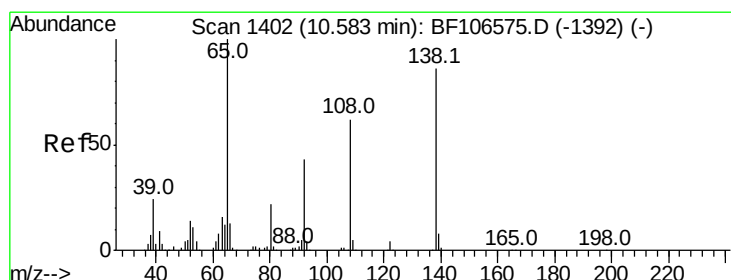
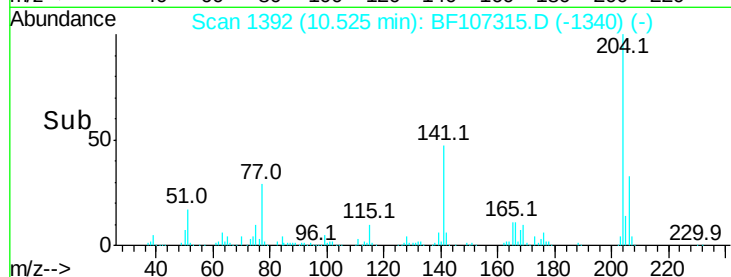
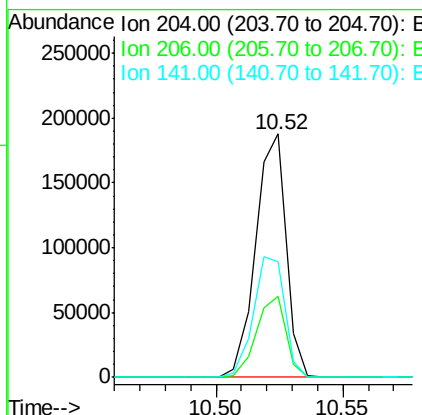
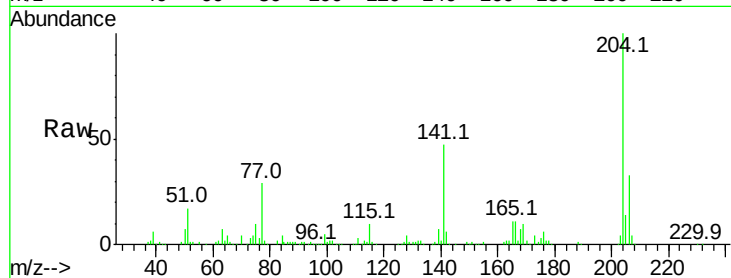
#60
4-Chlorophenyl-phenylether
Concen: 36.159 ng
RT: 10.52 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	47.5	54.6	81.8#

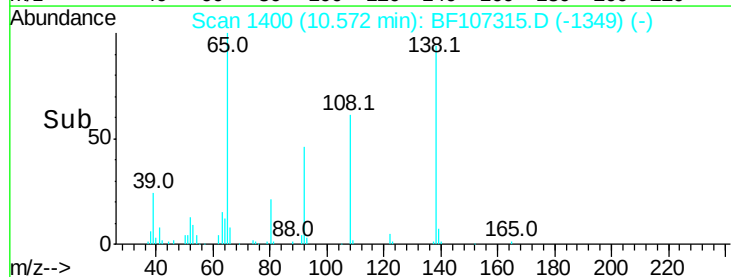
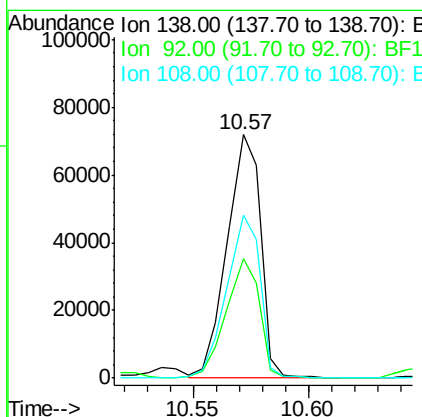
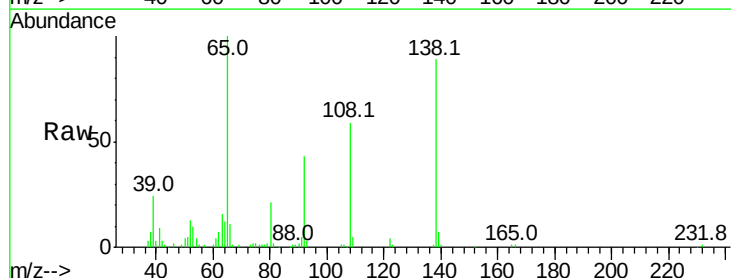
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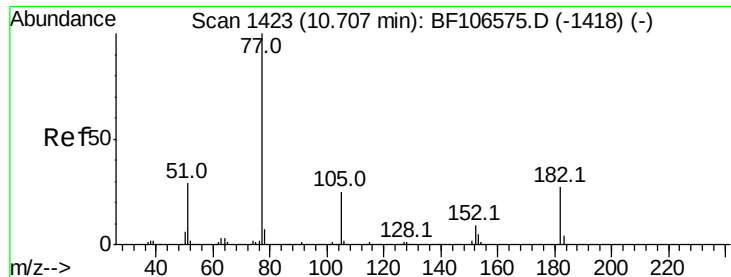
Sohil
7/12/2018 2:19:50 PM



#61
4-Nitroaniline
Concen: 32.630 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	30.2	70.2
108	66.8	52.5	92.5





#62

Azobenzene

Concen: 30.194 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MSD

Tot Ion: 77 Resp: 264600

Ion Ratio Lower Upper

77 100

182 27.6 1.7 41.7

105 24.4 3.0 43.0

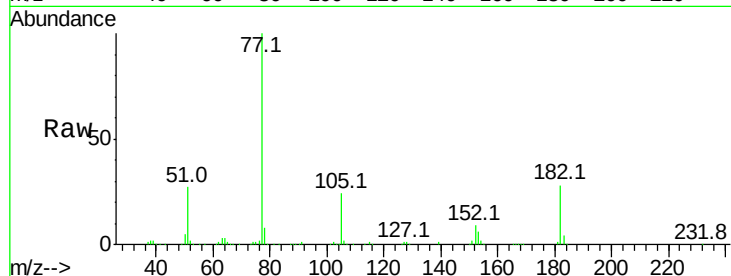
51 27.3 9.9 49.9

Manual Integrations

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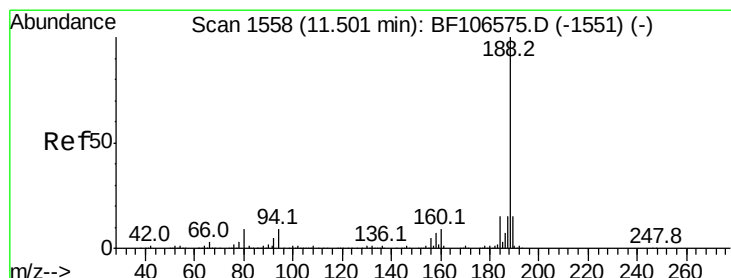
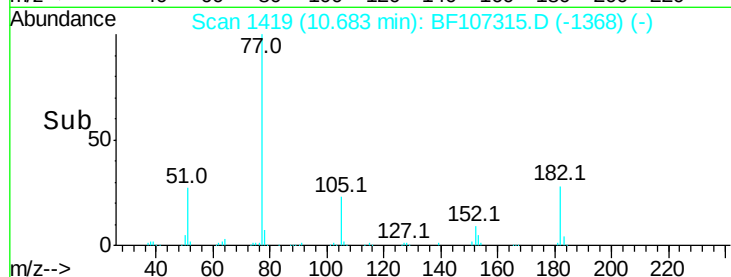
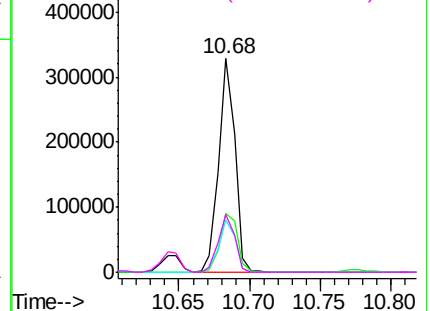


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

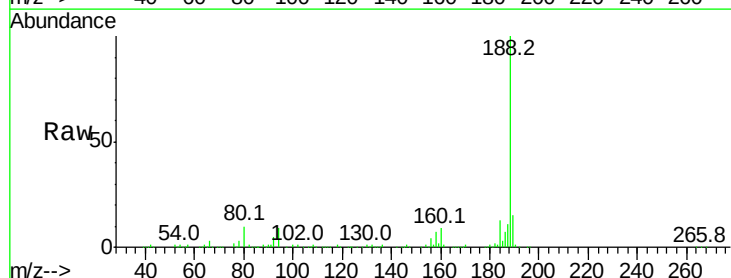
Tgt Ion: 188 Resp: 220577

Ion Ratio Lower Upper

188 100

94 8.9 8.5 12.7

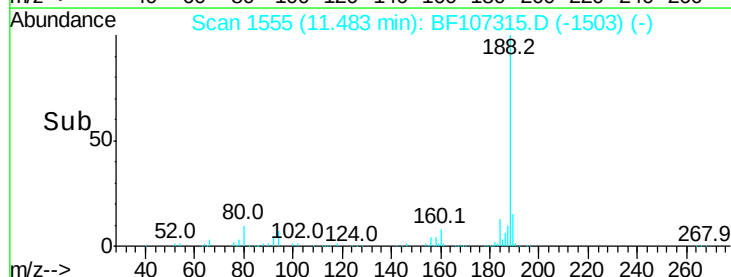
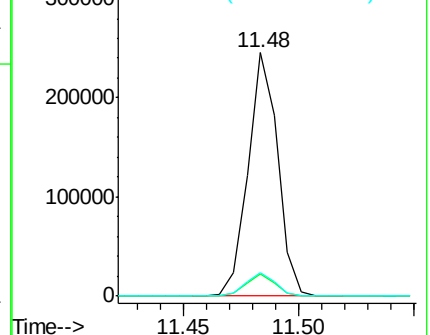
80 9.8 9.2 13.8

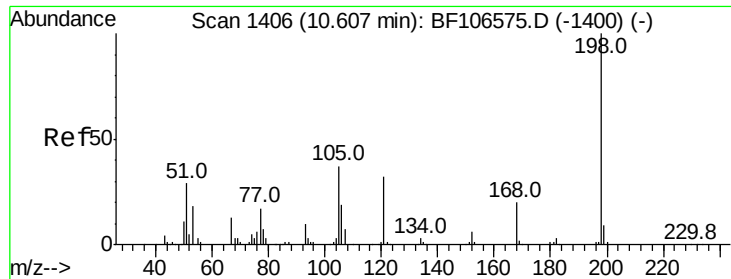


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





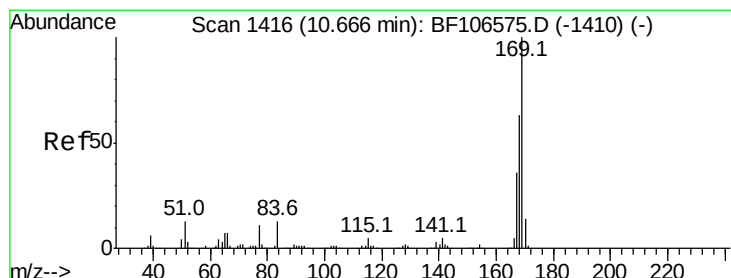
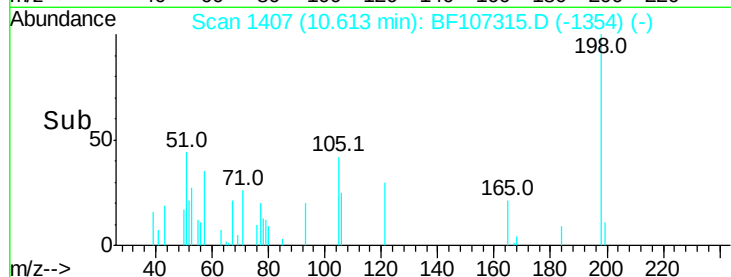
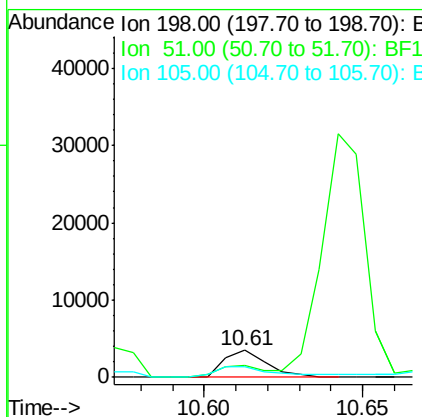
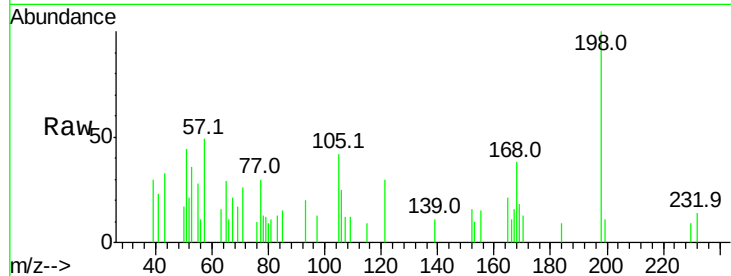
#64
4,6-Dinitro-2-methylphenol
Concen: 2.376 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.8	37.7	77.7
105	41.6	36.3	76.3

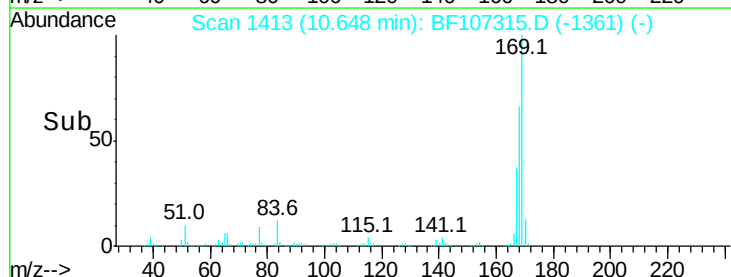
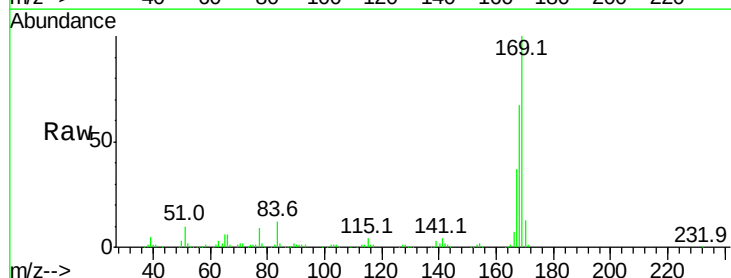
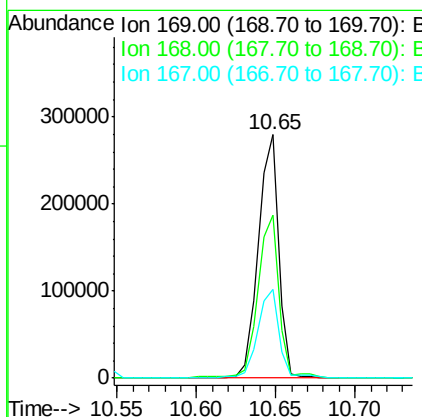
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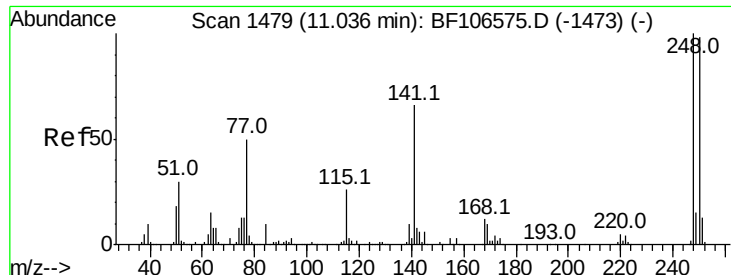
Sohil
7/12/2018 2:19:50 PM



#65
n-Nitrosodiphenylamine
Concen: 34.045 ng
RT: 10.65 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.4	81.6
167	36.7	29.8	44.6





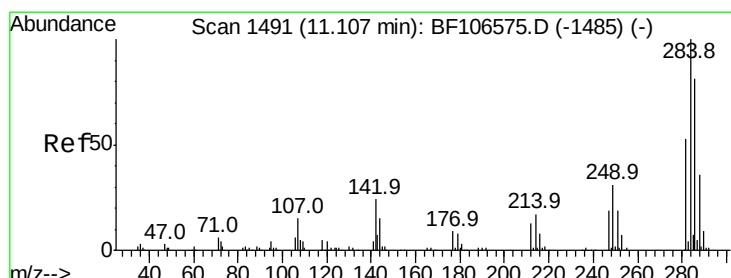
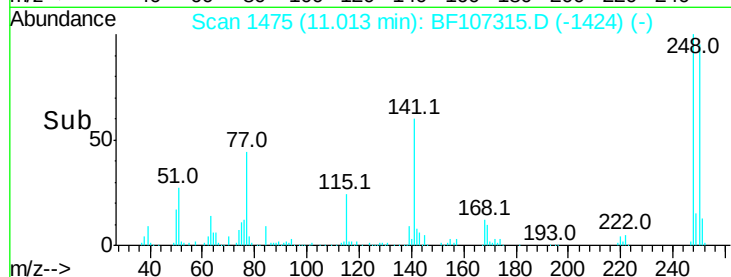
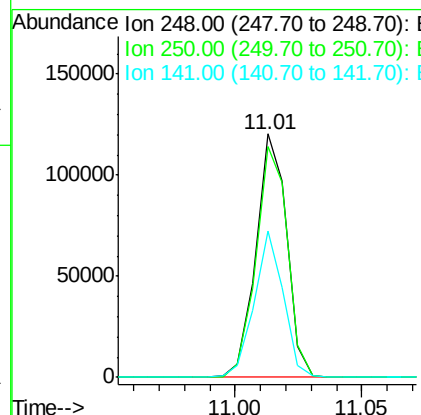
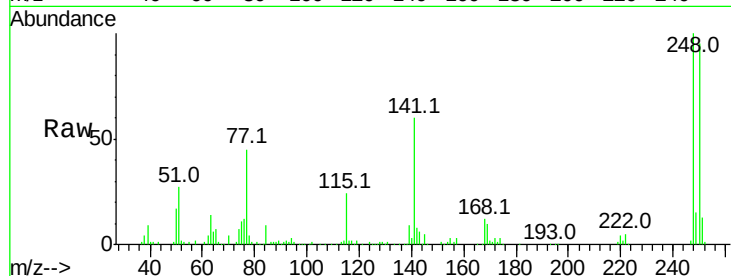
#66
 4-Bromophenyl-phenylether
 Concen: 38.554 ng
 RT: 11.01 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	76.9	115.3
141	60.0	74.4	111.6

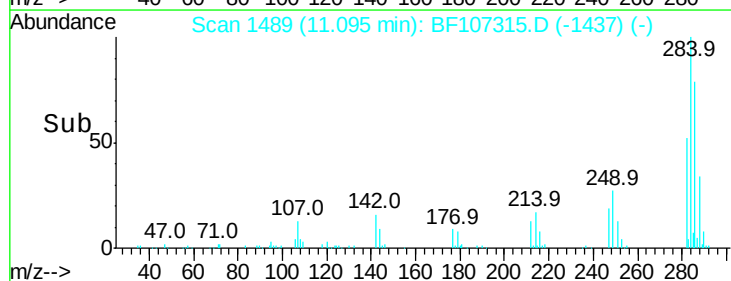
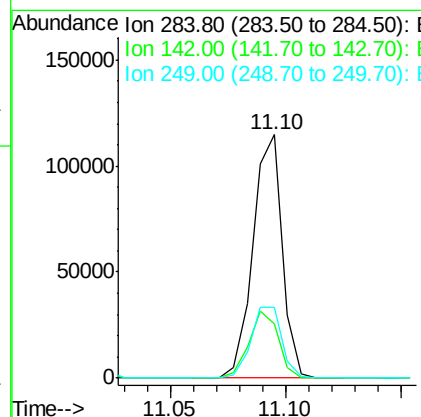
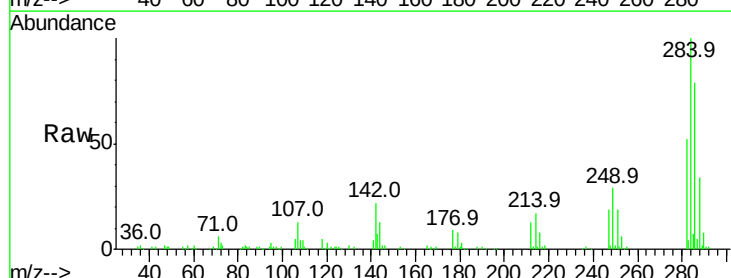
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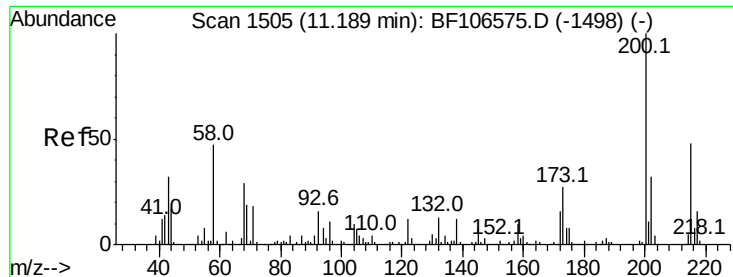
Sohil
 7/12/2018 2:19:50 PM



#67
 Hexachlorobenzene
 Concen: 36.974 ng
 RT: 11.10 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.1	34.6	52.0
249	29.3	24.8	37.2





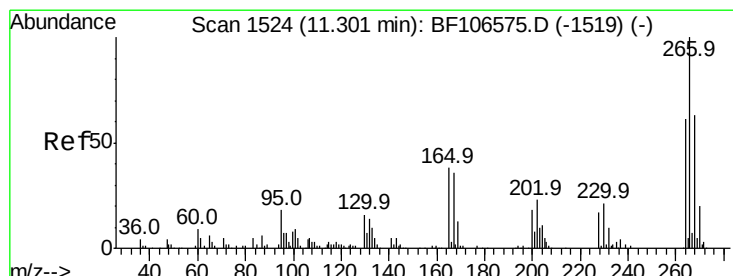
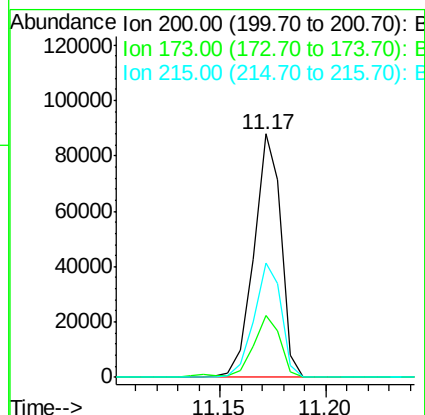
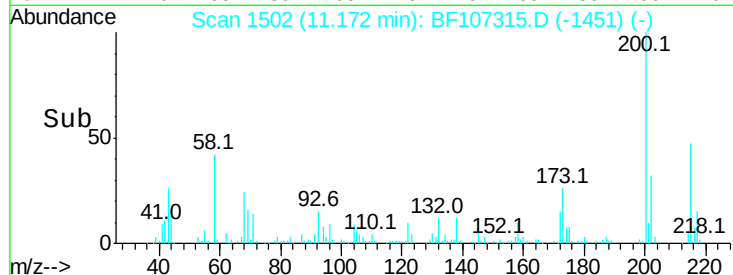
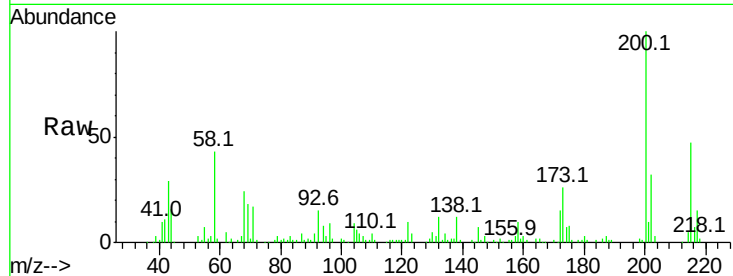
#68
Atrazine
Concen: 33.175 ng
RT: 11.17 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	8.6	48.6
215	46.7	25.1	65.1

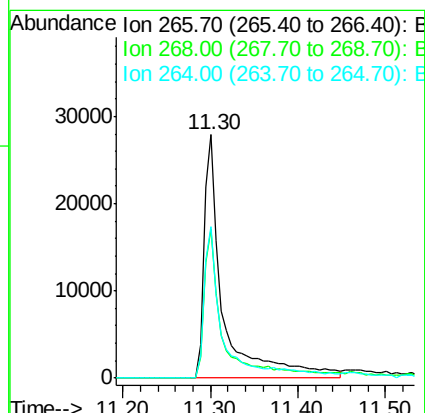
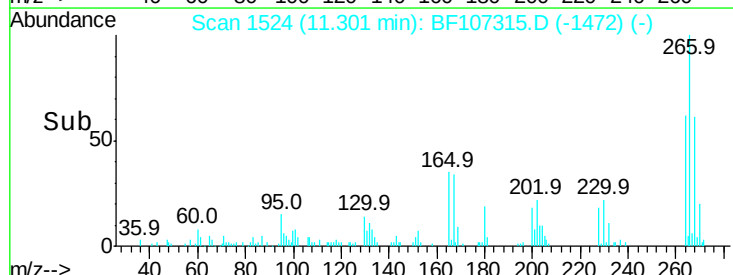
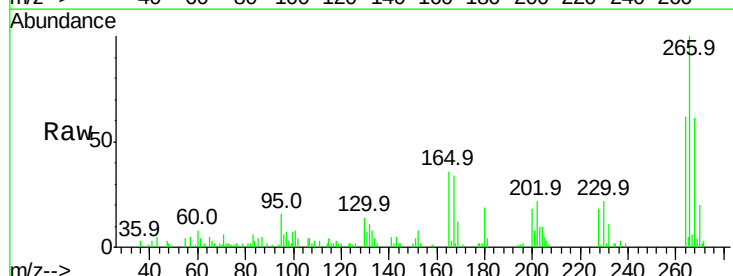
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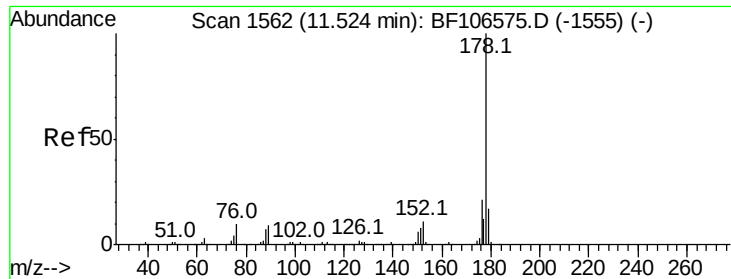
Sohil
7/12/2018 2:19:50 PM



#69
Pentachlorophenol
Concen: 30.927 ng
RT: 11.30 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	62.2	49.5	74.3





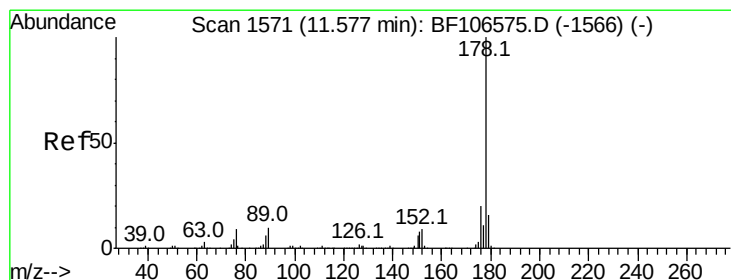
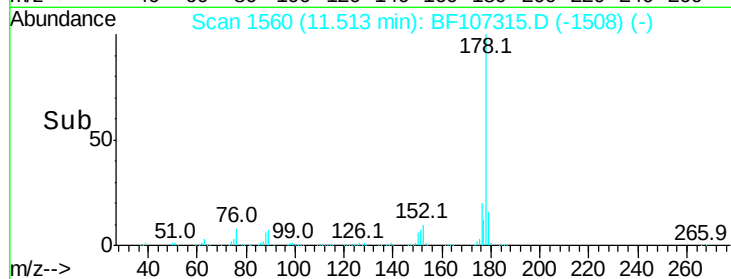
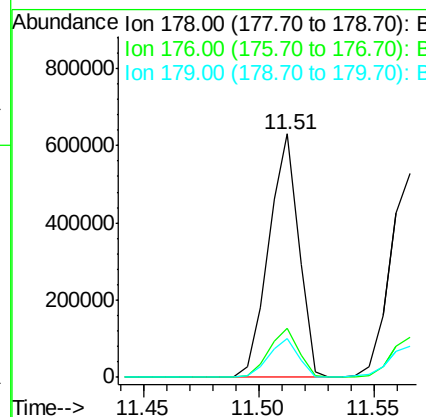
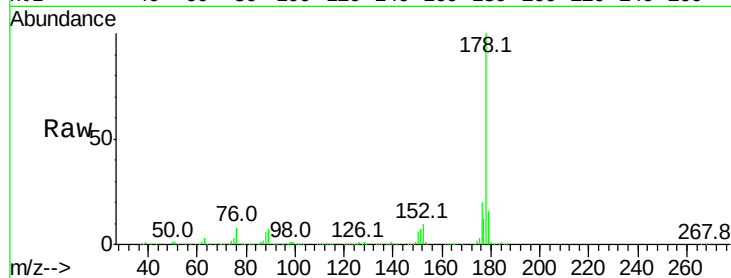
#70
Phenanthrene
Concen: 53.573 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6

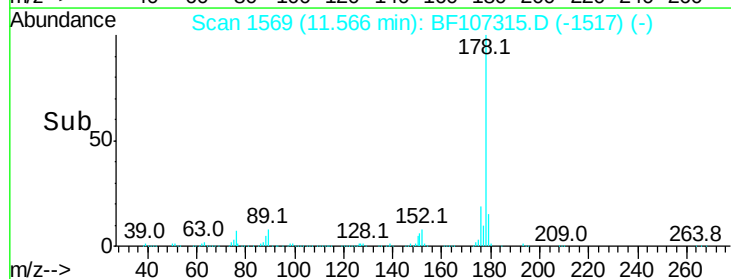
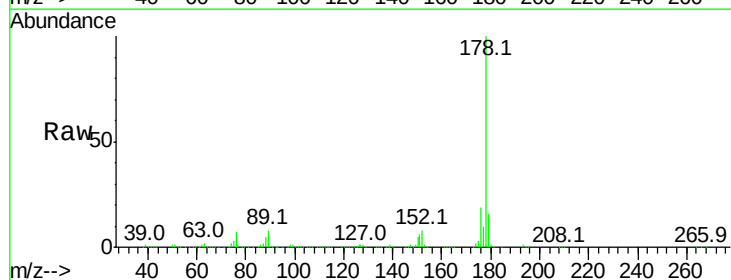
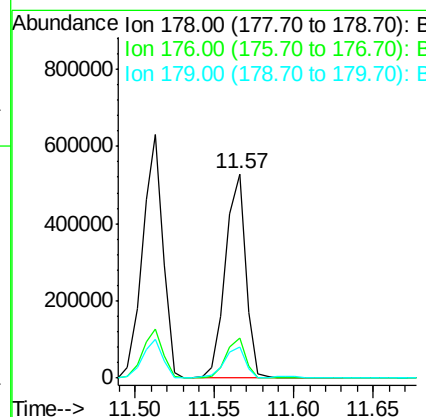
Manual Integrations
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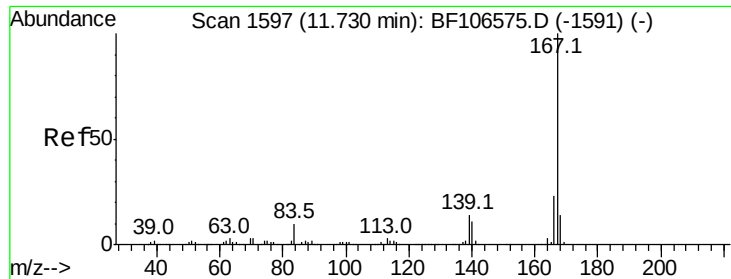
Sohil
7/12/2018 2:19:50 PM



#71
Anthracene
Concen: 43.260 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.6	19.0





#72

Carbazole

Concen: 37.538 ng

RT: 11.72 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

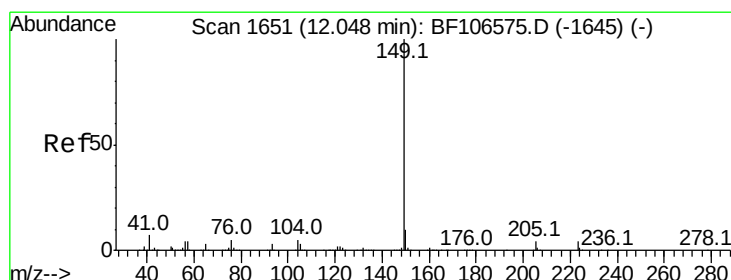
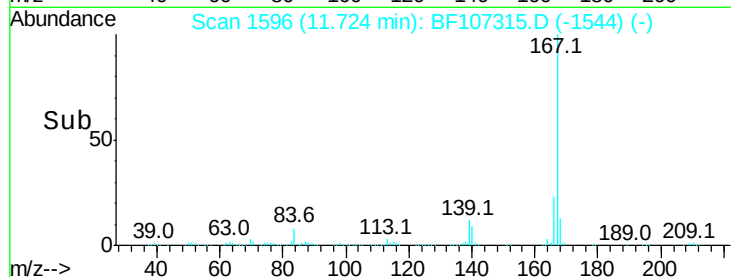
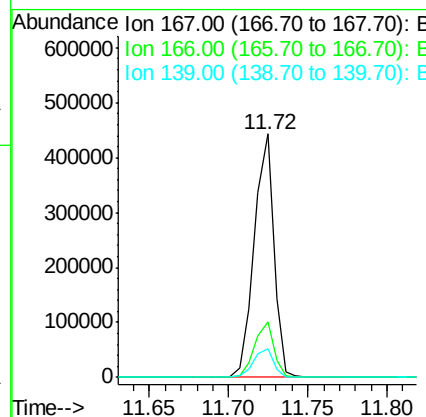
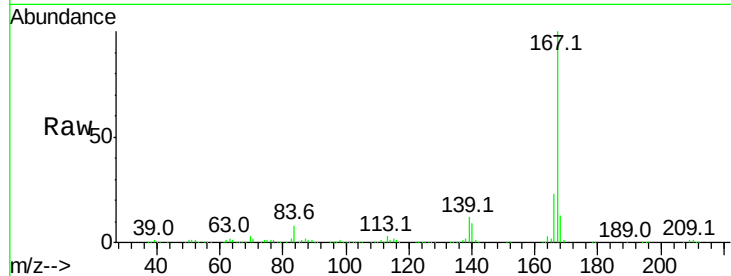
ClientSampleId :

EP-12-W1MSD

Tot Ion:	167	Resp:	381647
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.6	26.4
139	11.8	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 36.334 ng

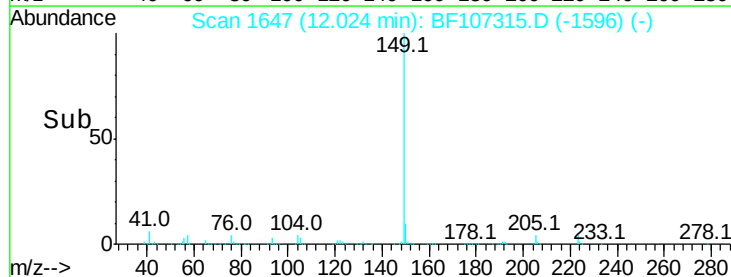
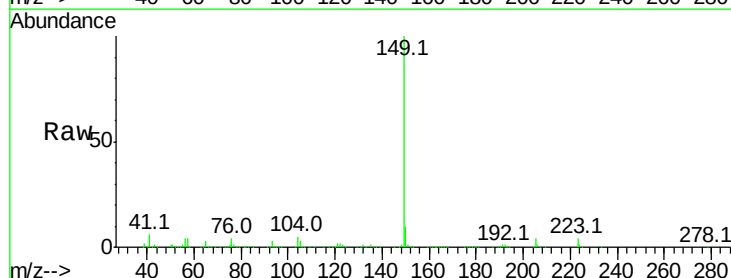
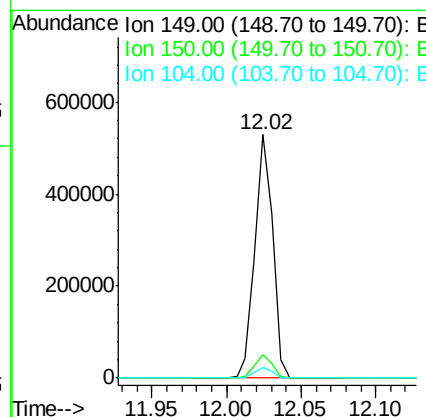
RT: 12.02 min Scan# 1647

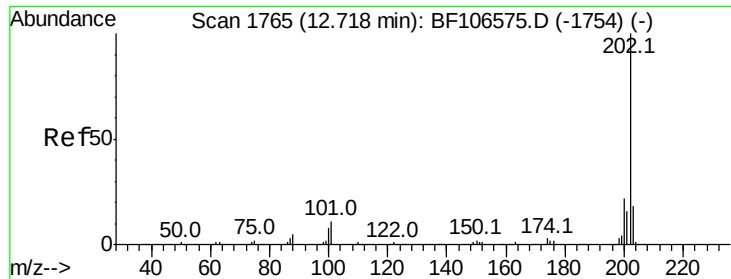
Delta R.T. -0.00 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	149	Resp:	435190
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.5	3.8	5.8





#74

Fluoranthene

Concen: 84.107 ng

RT: 12.71 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

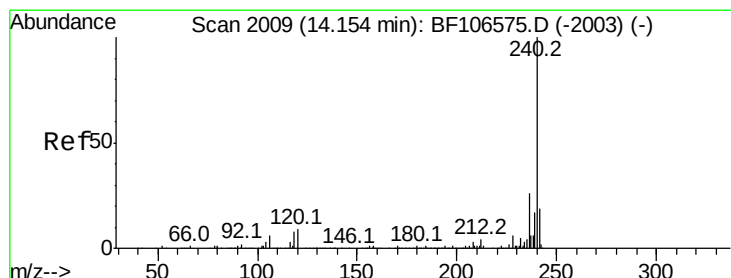
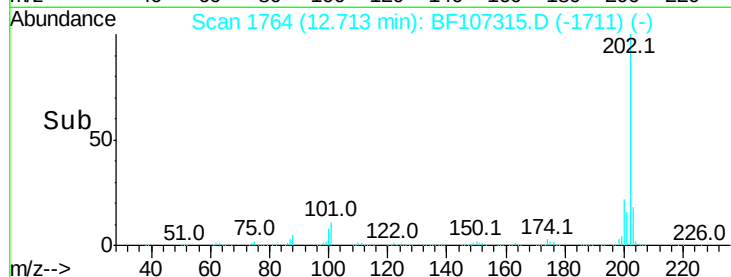
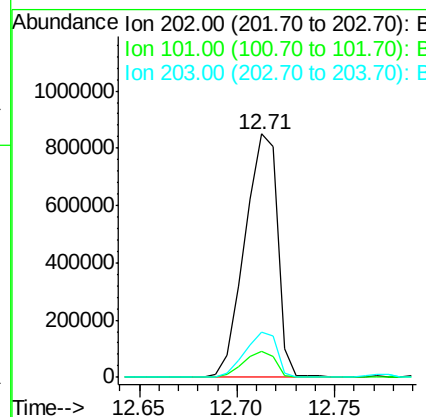
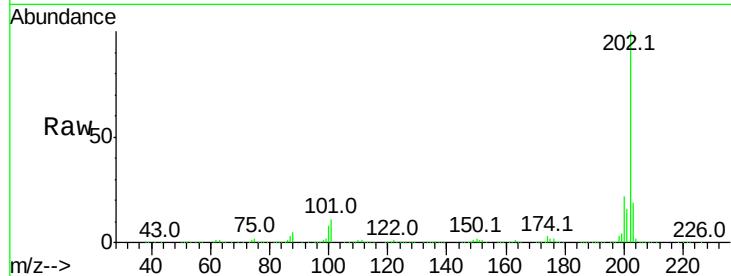
ClientSampleId :

EP-12-W1MSD

Tot Ion:	202	Resp:	986253
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	18.5	0.0	38.1

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7/12/2018 2:19:50 PM



#75

Chrysene-d12

Concen: 20.000 ng

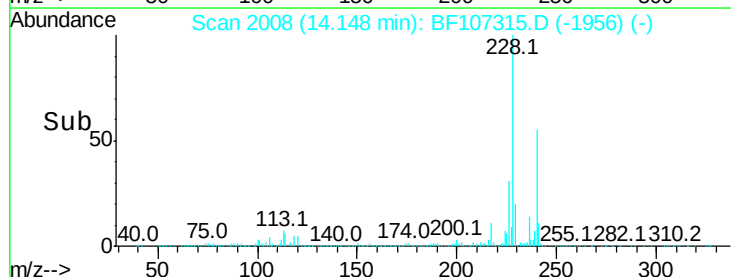
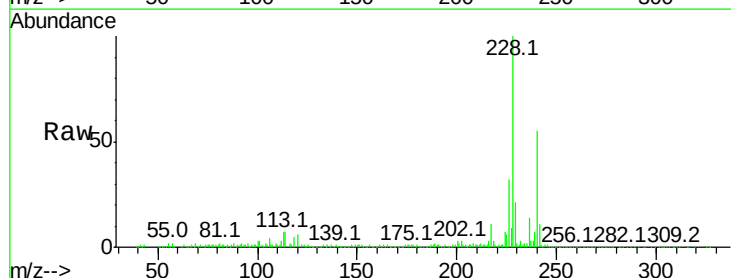
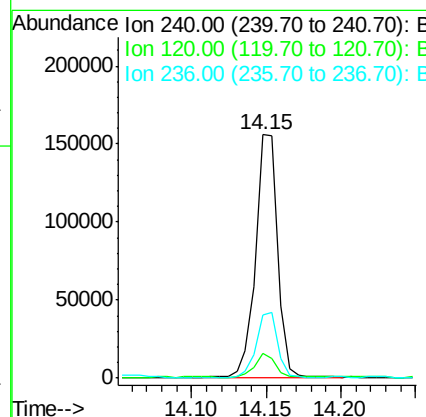
RT: 14.15 min Scan# 2008

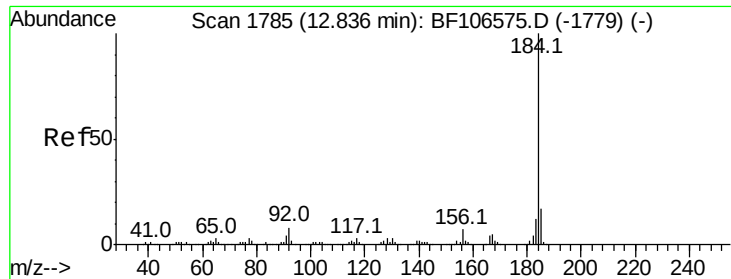
Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	240	Resp:	157049
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.9	20.7	31.1





#76

Benzidine

Concen: 18.583 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Instrument :

BNA_F

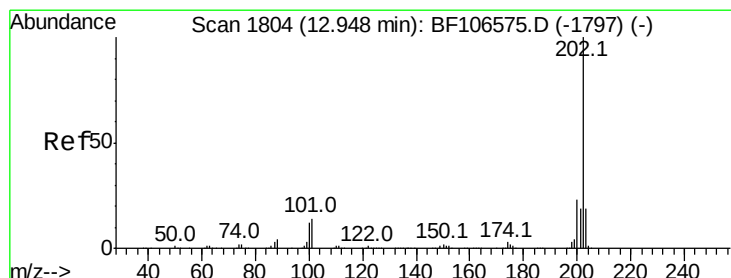
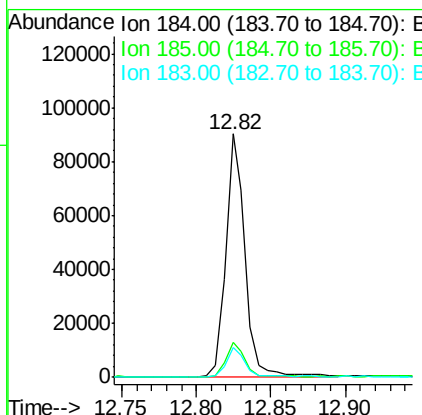
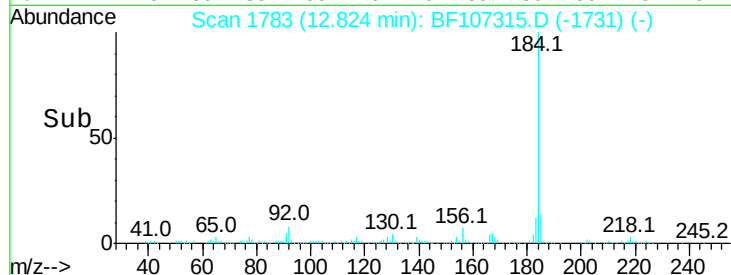
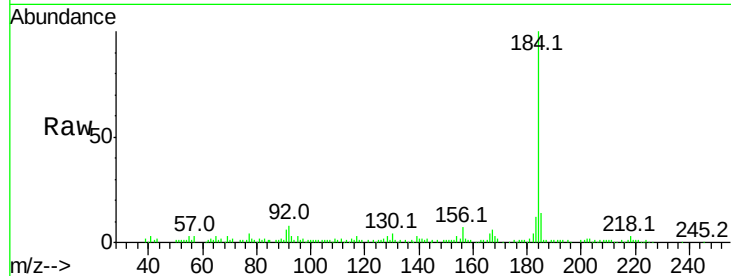
ClientSampleId :

EP-12-W1MSD

Tot Ion:	184	Resp:	83116
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	12.0	9.3	13.9

Manual Integrations
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#77

Pyrene

Concen: 91.518 ng

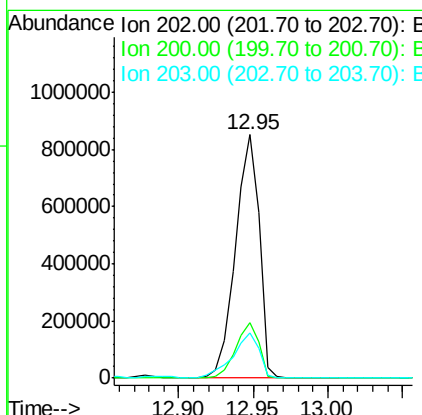
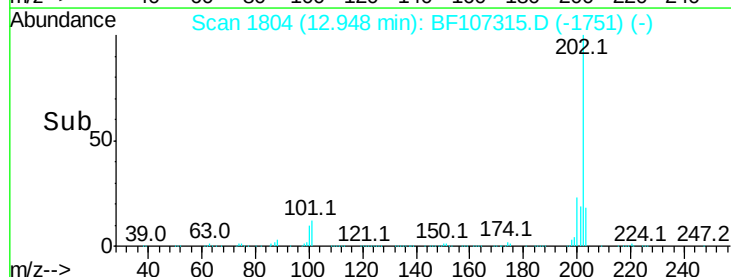
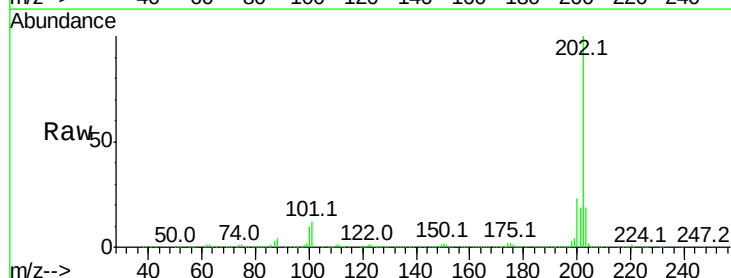
RT: 12.95 min Scan# 1804

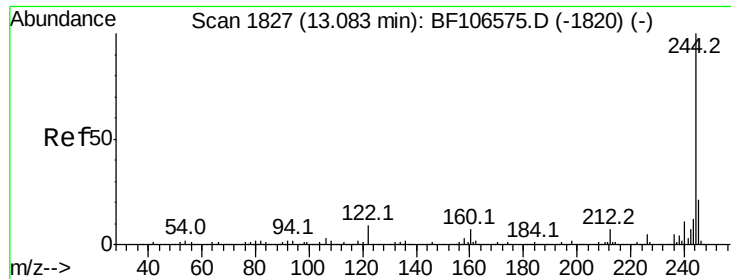
Delta R.T. 0.01 min

Lab File: BF107315.D

Acq: 11 Jul 2018 22:00

Tgt Ion:	202	Resp:	947783
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.4	26.2
203	18.7	14.3	21.5





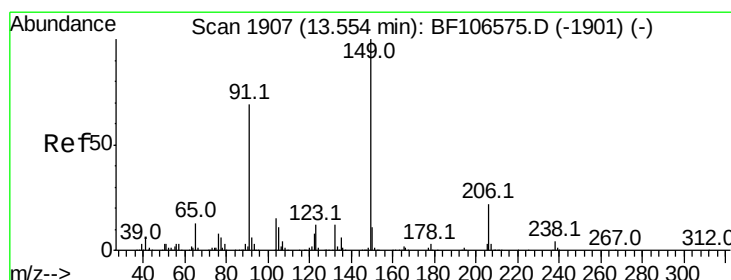
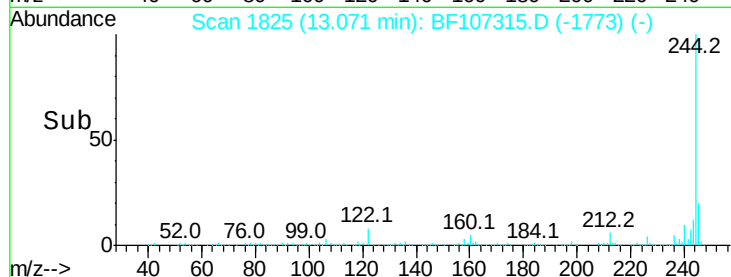
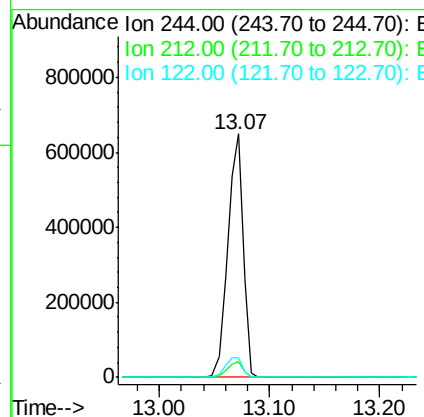
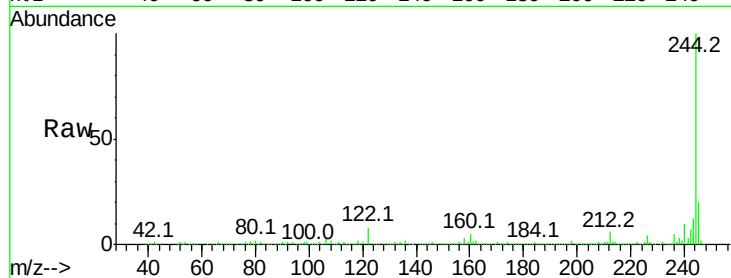
#78
 Terphenyl-d14
 Concen: 97.896 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.2	11.0	16.4

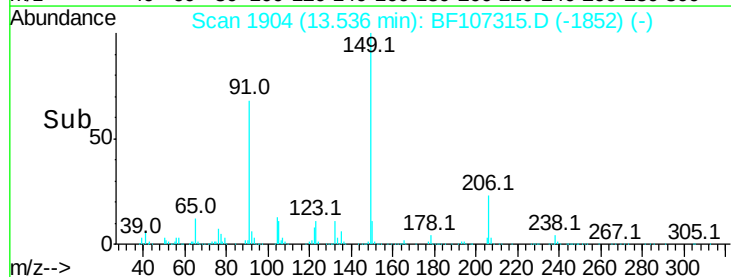
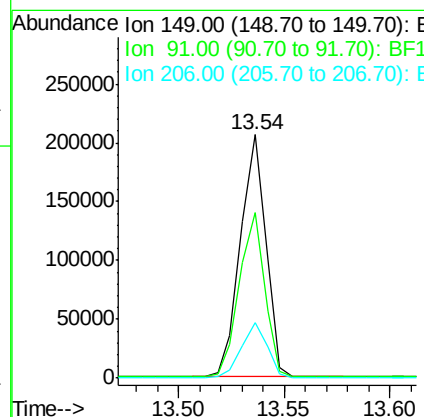
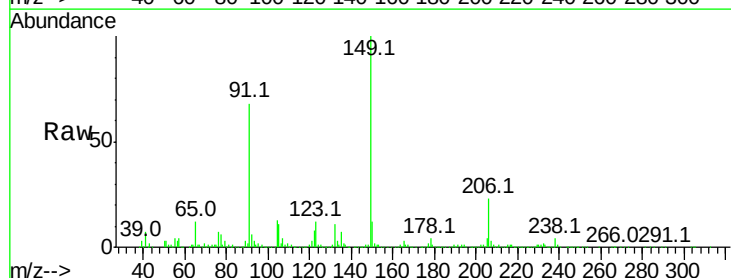
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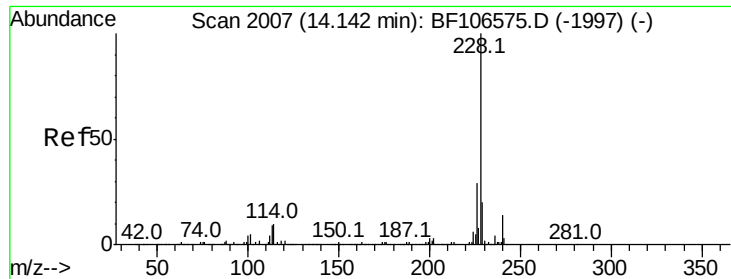
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#79
 Butylbenzylphthalate
 Concen: 40.345 ng
 RT: 13.54 min Scan# 1904
 Delta R.T. 0.01 min
 Lab File: BF107315.D
 Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	22.9	14.1	21.1





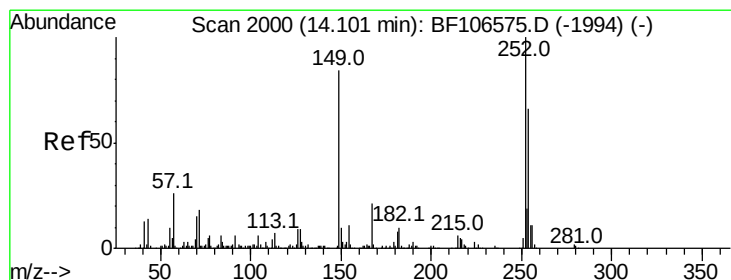
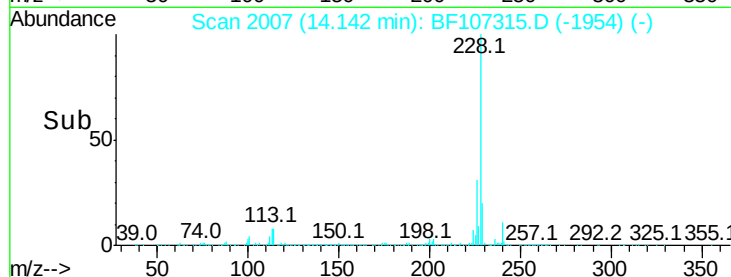
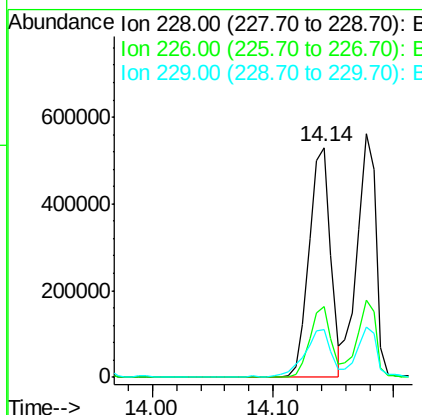
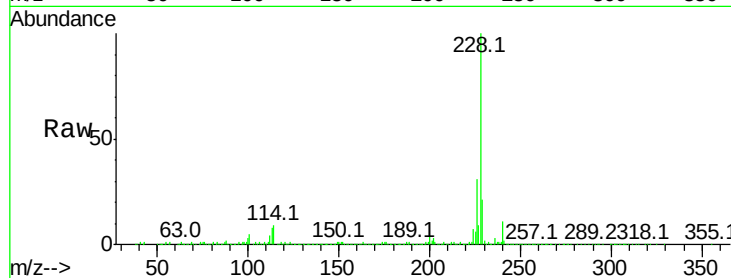
#80
Benzo(a)anthracene
Concen: 68.545 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.6	15.8	23.6

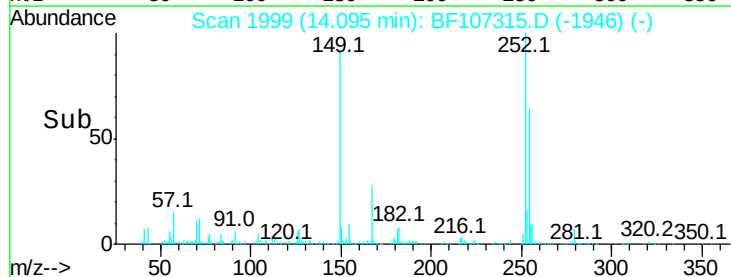
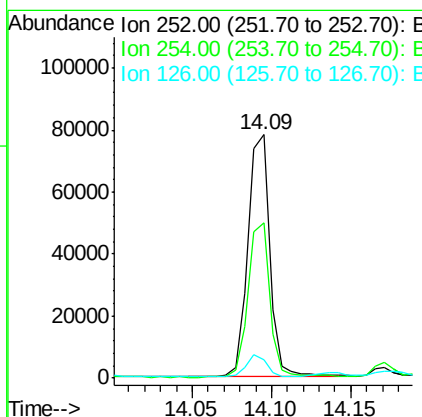
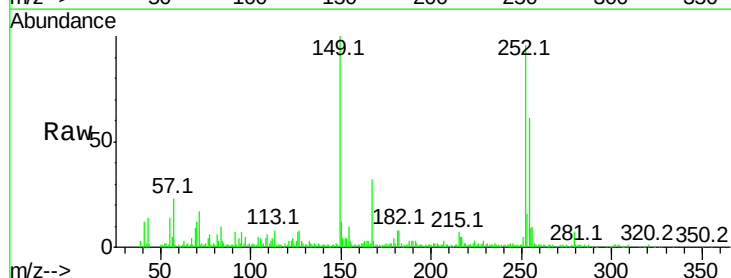
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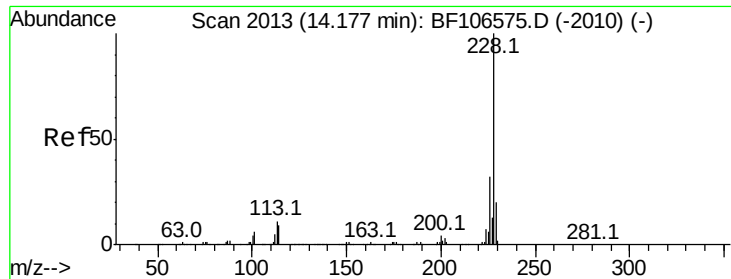
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#81
3,3'-Dichlorobenzidine
Concen: 22.386 ng
RT: 14.09 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	7.3	11.3	16.9





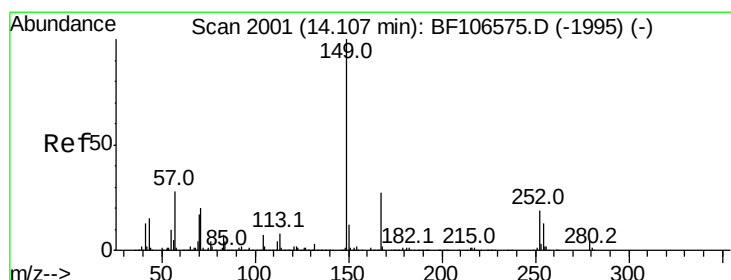
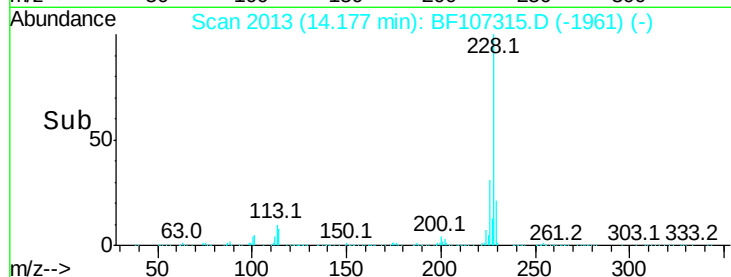
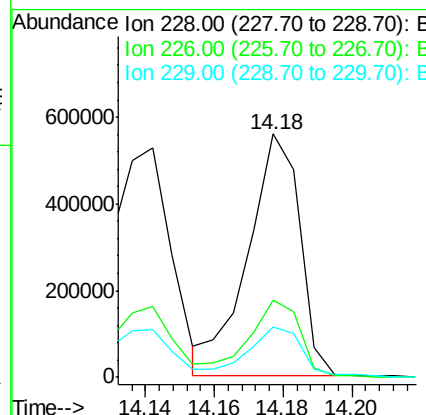
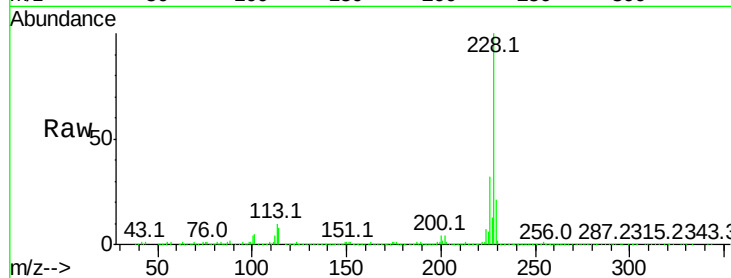
#82
Chrysene
Concen: 66.623 ng/ml
RT: 14.18 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion:	228	Resp:	586676
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	20.9	16.2	24.4

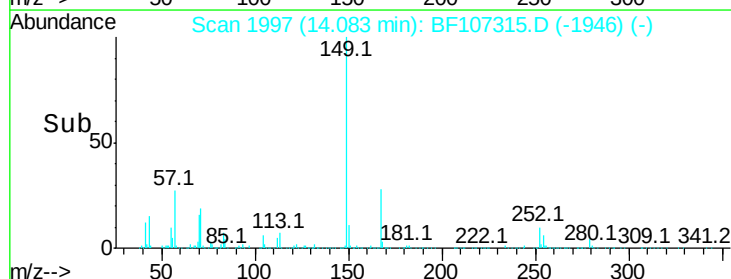
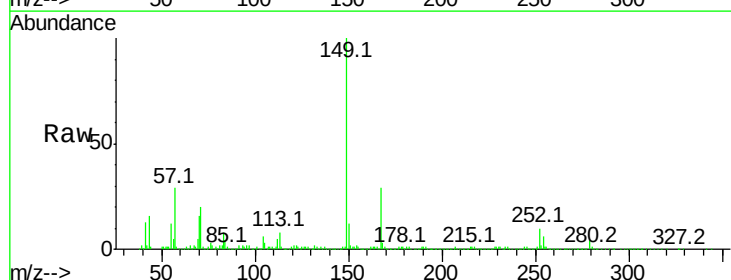
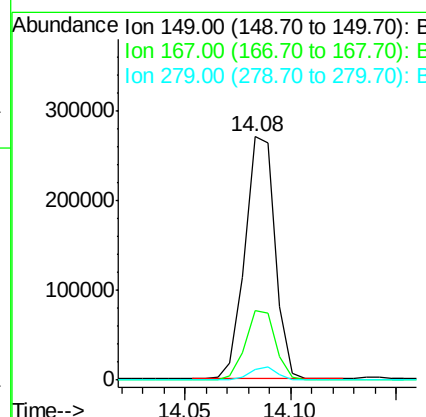
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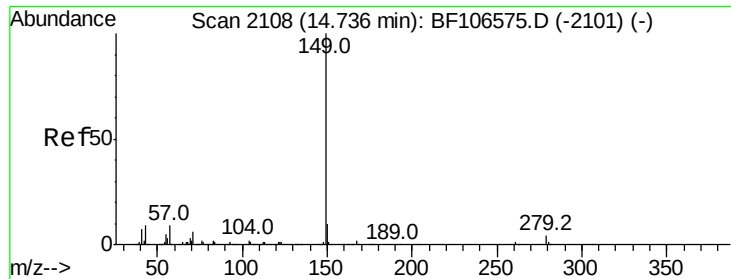
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#83
Bis(2-ethylhexyl)phthalate
Concen: 48.835 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion:	149	Resp:	265843
Ion Ratio	Lower	Upper	
149	100		
167	28.7	21.3	31.9
279	4.2	3.0	4.4





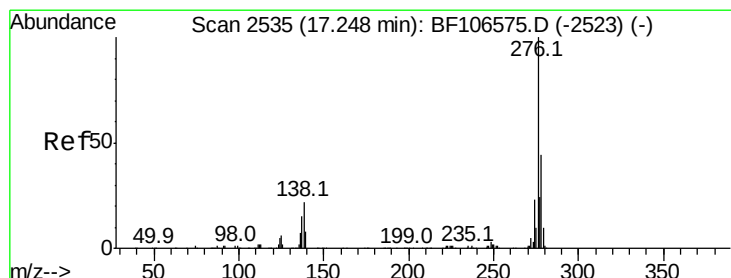
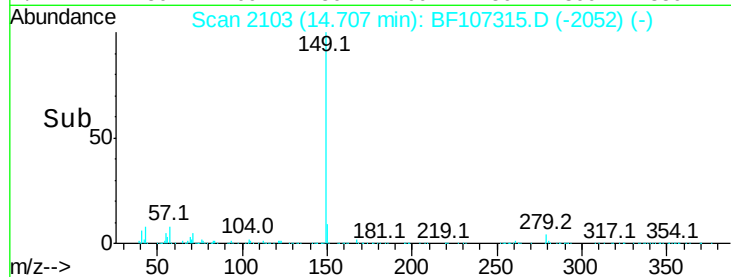
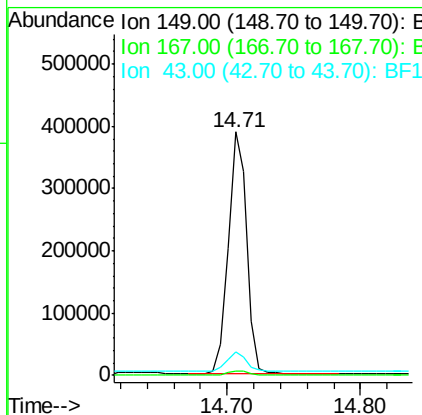
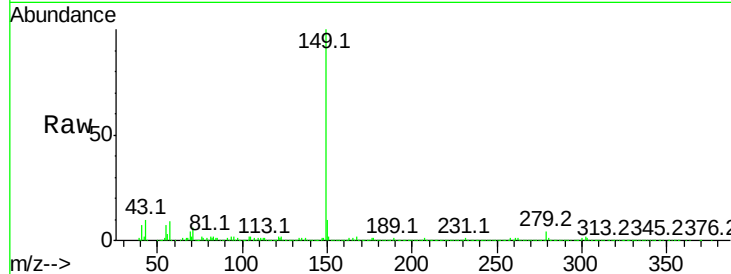
#84
Di-n-octyl phthalate
Concen: 42.261 ng
RT: 14.71 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampled :
EP-12-W1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	374997		
167	1.7		1.2	1.8
43	8.6		8.4	12.6

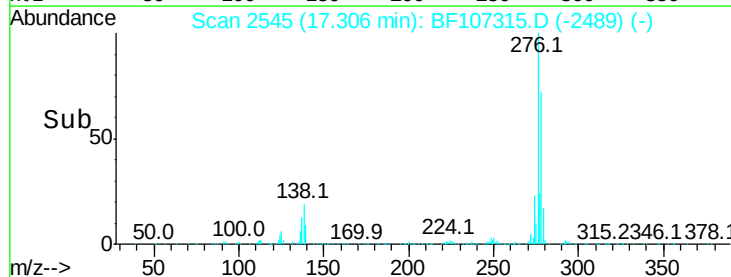
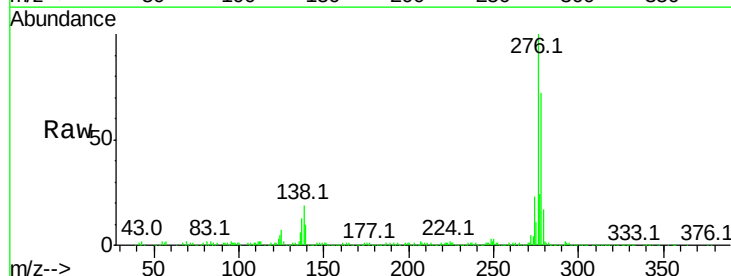
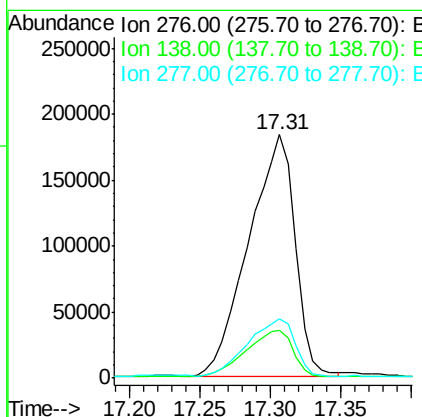
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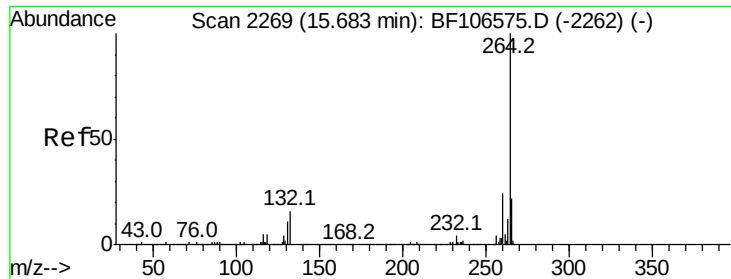
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#85
Indeno(1,2,3-cd)pyrene
Concen: 56.246 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.03 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	420319		
138	19.5		25.0	37.6#
277	24.1		20.1	30.1





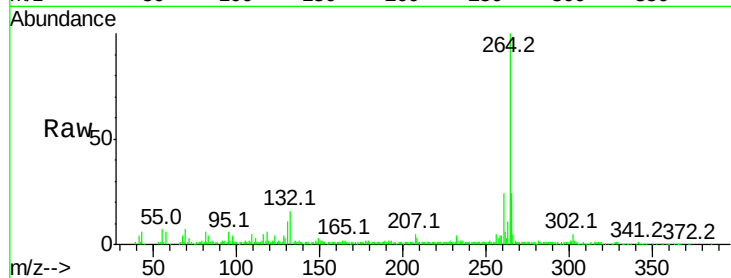
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

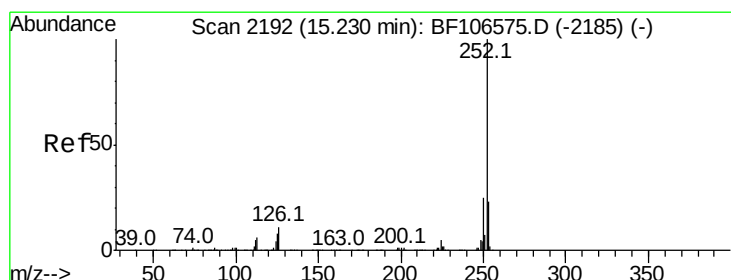
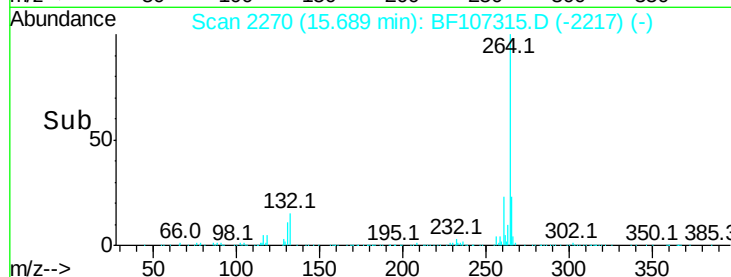
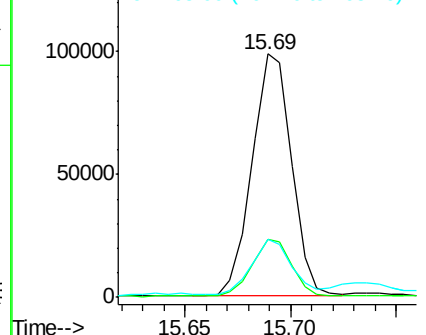
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.6	17.5	26.3

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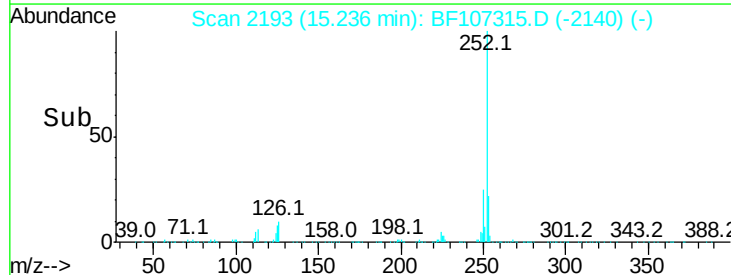
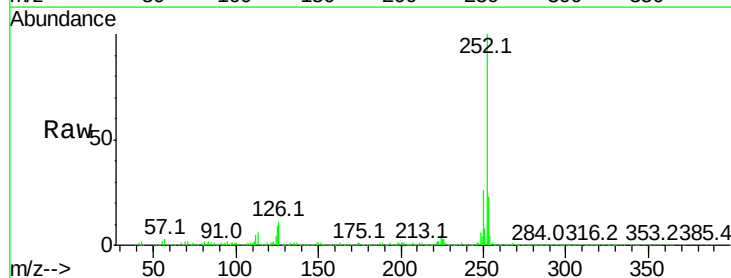
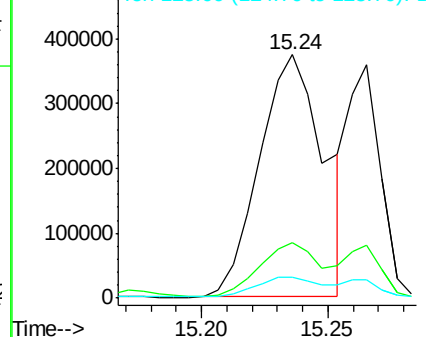
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

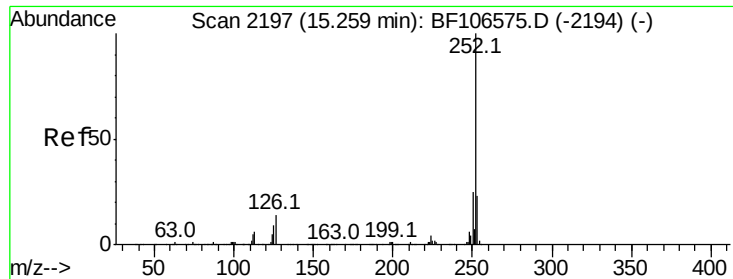


#87
Benzo(b)fluoranthene
Concen: 83.147 ng m
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.7	9.0	13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





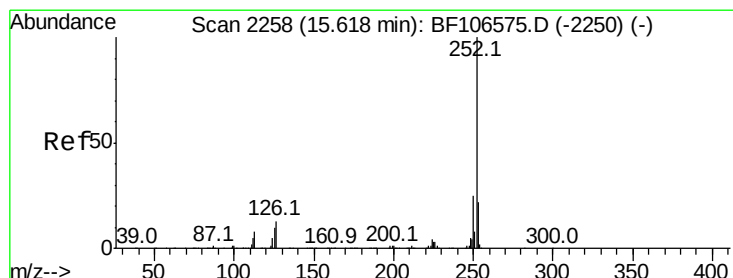
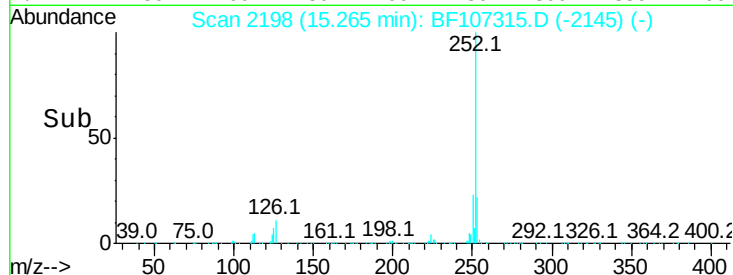
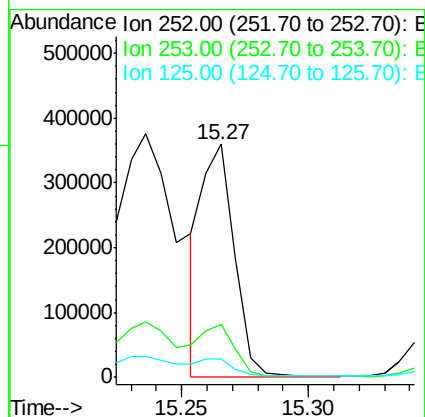
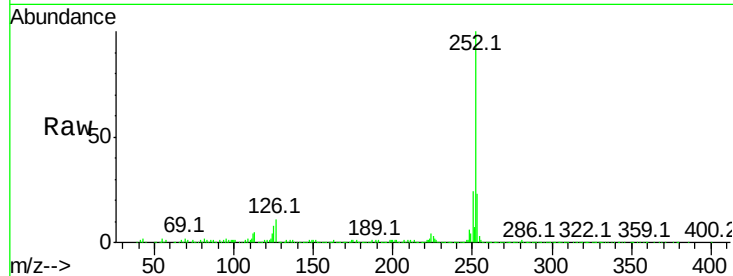
#88
Benzo(k)fluoranthene
Concen: 41.785 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	7.8	10.2	15.2#

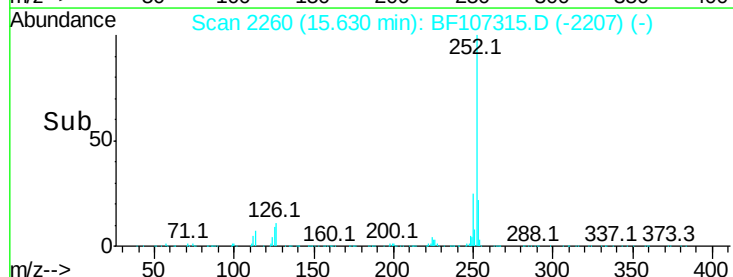
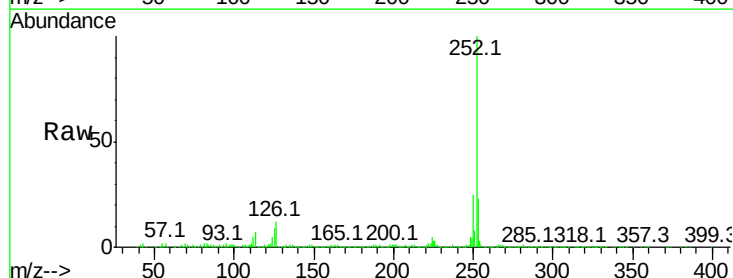
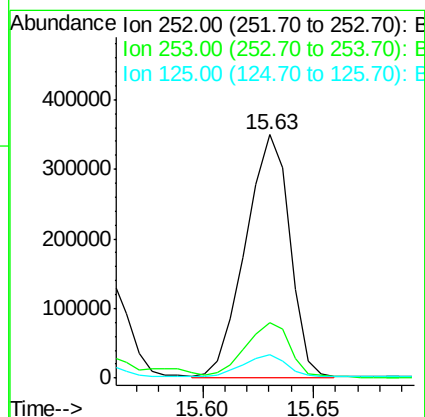
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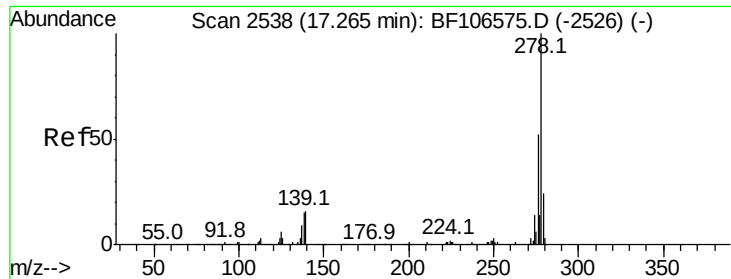
Sohil
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#89
Benzo(a)pyrene
Concen: 68.272 ng m
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	9.5	9.8	14.6#





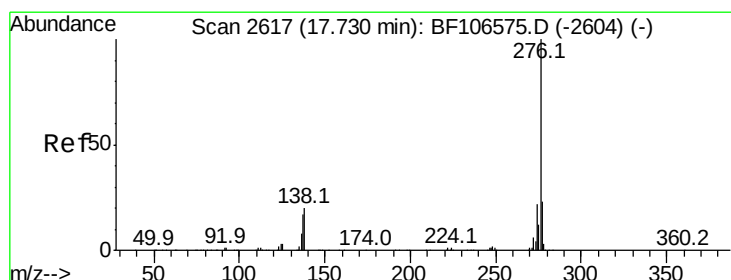
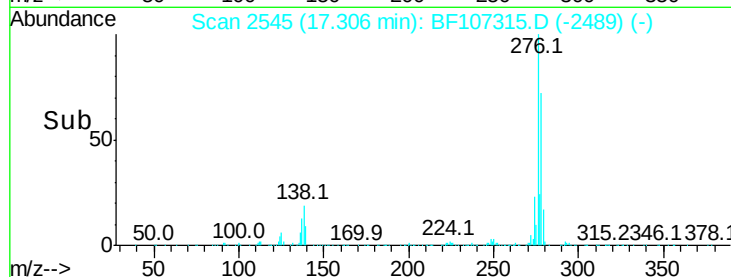
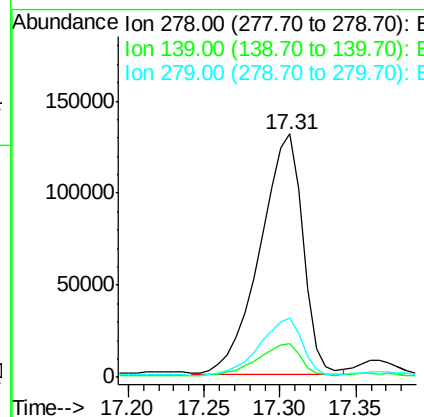
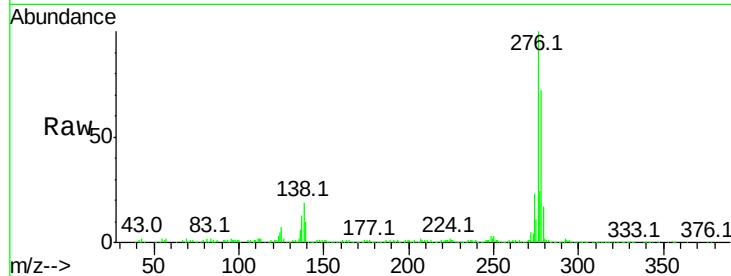
#90
Dibenzo(a,h)anthracene
Concen: 43.009 ng m
RT: 17.31 min Scan# 2545
Delta R.T. 0.03 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.9	23.9#
279	24.3	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 64.422 ng
RT: 17.79 min Scan# 2628
Delta R.T. 0.04 min
Lab File: BF107315.D
Acq: 11 Jul 2018 22:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	18.5	21.8	32.8#

