

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
 Data File : BF111799.D
 Acq On : 28 Dec 2018 20:01
 Operator : JU/SJ
 Sample : PB116072BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Manual Integrations
 APPROVED

Sohil
 1/2/2019 2:51:43 PM

Quant Time: Dec 29 02:50:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	150504	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	540342	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	236574	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	355444	20.00	ng	0.01
76) Chrysene-d12	14.07	240	339396	20.00	ng	0.02
87) Perylene-d12	15.56	264	266140	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	970521	109.92	ng	0.04
7) Phenol-d6	6.55	99	1238322	110.20	ng	0.03
23) Nitrobenzene-d5	7.47	82	781022	84.13	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	290841	104.05	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1455588	89.68	ng	0.00
79) Terphenyl-d14	13.01	244	1220252	68.18	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	117647	28.320	ng	96
3) Pyridine	3.52	79	334068	30.867	ng	98
4) n-Nitrosodimethylamine	3.47	42	202947	38.315	ng	80
6) Aniline	6.57	93	173964	12.145	ng	# 1
8) 2-Chlorophenol	6.70	128	374041	38.242	ng	98
9) Benzaldehyde	6.45	77	223959	28.979	ng	96
10) Phenol	6.56	94	433510	34.192	ng	82
11) bis(2-Chloroethyl)ether	6.64	93	343495	36.154	ng	99
12) 1,3-Dichlorobenzene	6.85	146	418749	36.943	ng	99
13) 1,4-Dichlorobenzene	6.92	146	422355	36.740	ng	98
14) 1,2-Dichlorobenzene	7.08	146	397453	37.057	ng	97
15) Benzyl Alcohol	7.05	79	329623	36.935	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	576860	32.967	ng	67
17) 2-Methylphenol	7.17	107	295793	37.768	ng	# 89
18) Hexachloroethane	7.42	117	138639	35.789	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	264081	35.387	ng	99
20) 3+4-Methylphenols	7.32	107	381534	38.554	ng	# 87
22) Acetophenone	7.31	105	503394	36.774	ng	# 90
24) Nitrobenzene	7.49	77	395107	40.610	ng	98
25) Isophorone	7.72	82	690723	41.913	ng	97
26) 2-Nitrophenol	7.80	139	180433	45.726	ng	93
27) 2,4-Dimethylphenol	7.85	122	316205	40.651	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	432808	39.466	ng	99
29) 2,4-Dichlorophenol	8.05	162	318512	38.070	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	346590	37.175	ng	98
31) Naphthalene	8.21	128	1036192	39.911	ng	97
32) Benzoic acid	7.95	122	161904m	31.480	ng	
33) 4-Chloroaniline	8.25	127	69736	6.214	ng	97
34) Hexachlorobutadiene	8.33	225	218217	38.404	ng	97
35) Caprolactam	8.62	113	91093m	32.131	ng	
36) 4-Chloro-3-methylphenol	8.75	107	305682	37.168	ng	98
37) 2-Methylnaphthalene	8.90	142	695397	41.169	ng	98
38) 1-Methylnaphthalene	9.00	142	648831	39.995	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	331911	42.696	ng	# 97

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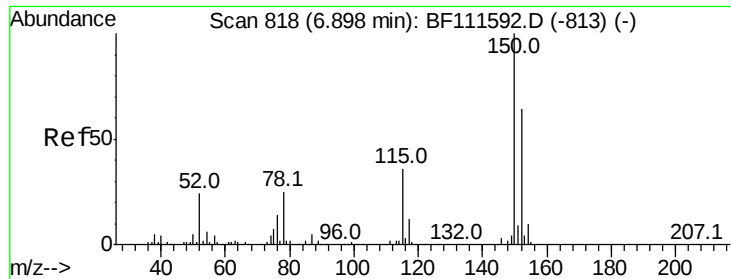
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	155855	41.315	nq	98
43) 2,4,6-Trichlorophenol	9.18	196	213444	41.124	nq	97
44) 2,4,5-Trichlorophenol	9.23	196	218059	40.953	nq	92
46) 1,1'-Biphenyl	9.36	154	844987	42.312	nq	94
47) 2-Chloronaphthalene	9.39	162	633232	40.021	nq	94
48) 2-Nitroaniline	9.48	65	188469	45.787	nq	97
49) Acenaphthylene	9.80	152	953489	41.274	nq	95
50) Dimethylphthalate	9.66	163	763739	44.147	nq	98
51) 2,6-Dinitrotoluene	9.72	165	154045	44.656	nq	98
52) Acenaphthene	9.98	154	568903	39.928	nq	97
53) 3-Nitroaniline	9.89	138	71524	19.441	nq	99
54) 2,4-Dinitrophenol	9.99	184	47754	46.503	nq	96
55) Dibenzofuran	10.15	168	825205	38.335	nq	94
56) 4-Nitrophenol	10.06	139	209532	74.630	nq	93
57) 2,4-Dinitrotoluene	10.12	165	184414	44.480	nq	94
58) Fluorene	10.49	166	616922	39.772	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	159561	35.609	nq	92
60) Diethylphthalate	10.36	149	702975	41.424	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	321665	37.534	nq	94
62) 4-Nitroaniline	10.50	138	117528	32.869	nq	87
63) Azobenzene	10.64	77	600218	35.231	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	34985	27.187	nq	# 77
66) n-Nitrosodiphenylamine	10.60	169	540732	45.319	nq	97
67) 4-Bromophenyl-phenylether	10.97	248	189310	42.941	nq	98
68) Hexachlorobenzene	11.05	284	197750	40.230	nq	94
69) Atrazine	11.12	200	173882	41.949	nq	96
70) Pentachlorophenol	11.24	266	179419	59.042	nq	95
71) Phenanthrene	11.46	178	792234	42.027	nq	94
72) Anthracene	11.50	178	815178	43.083	nq	95
73) Carbazole	11.66	167	699026	38.053	nq	95
74) Di-n-butylphthalate	11.99	149	906986	44.036	nq	96
75) Fluoranthene	12.64	202	819909	42.952	nq	93
77) Benzidine	12.76	184	392206	30.710	nq	97
78) Pyrene	12.87	202	843374	35.188	nq	96
80) Butylbenzylphthalate	13.48	149	372188	38.096	nq	93
81) Benzo(a)anthracene	14.06	228	821762	42.426	nq	97
82) 3,3'-Dichlorobenzidine	14.02	252	273408	35.726	nq	# 96
83) Chrysene	14.10	228	775122	40.717	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	526906	42.817	nq	# 99
85) Di-n-octyl phthalate	14.66	149	925418	48.537	nq	95
86) Indeno(1,2,3-cd)pyrene	17.07	276	547872	33.854	nq	# 87
88) Benzo(b)fluoranthene	15.13	252	684556	44.011	nq	# 96
89) Benzo(k)fluoranthene	15.16	252	674333	45.538	nq	# 96
90) Benzo(a)pyrene	15.50	252	615217	43.536	nq	# 94
91) Dibenzo(a,h)anthracene	17.09	278	469901	37.974	nq	# 91
92) Benzo(g,h,i)perylene	17.53	276	437209	36.183	nq	# 86

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



#1

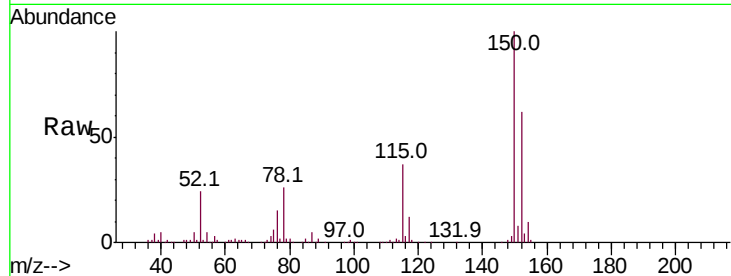
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.6	189.8
115	59.8	50.7	76.1

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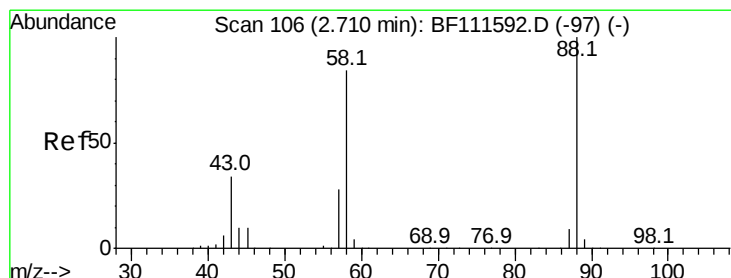
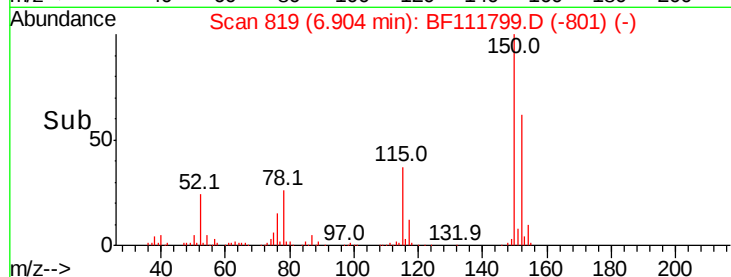
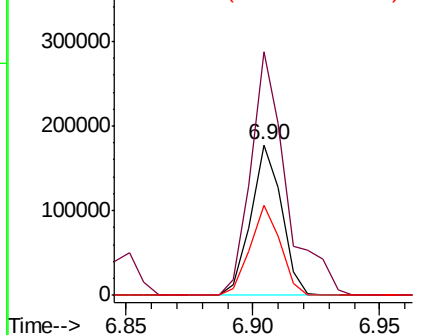


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

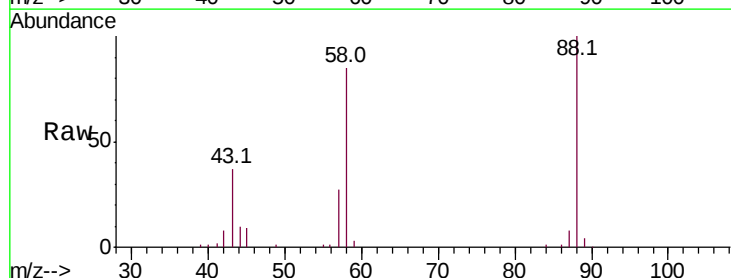
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.320 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.06 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	68.9	103.3
43	38.1	25.8	38.6

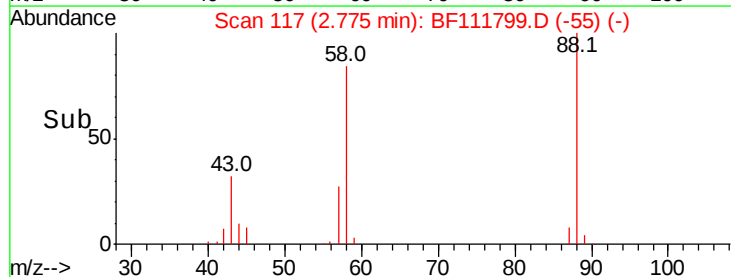
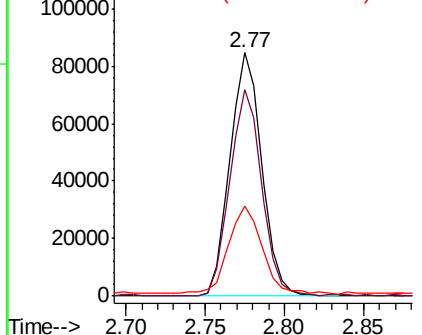


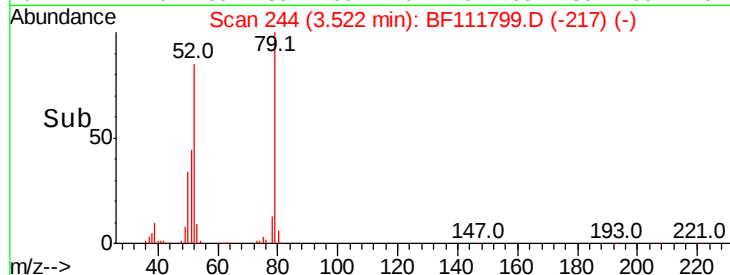
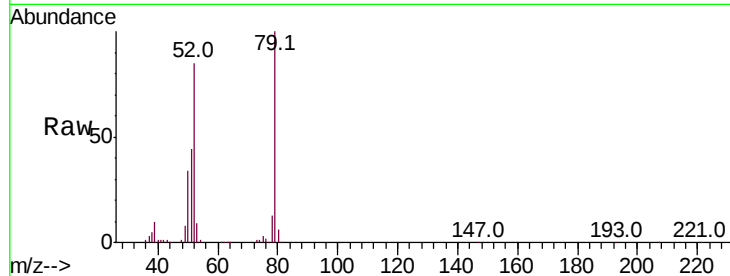
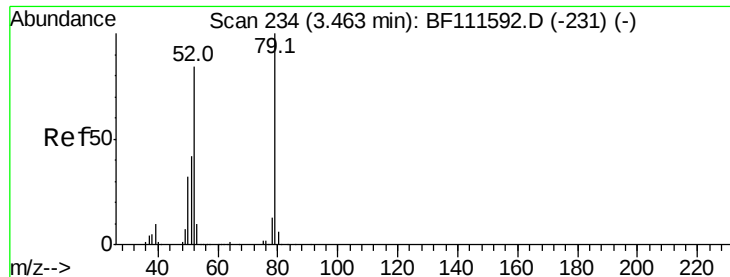
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





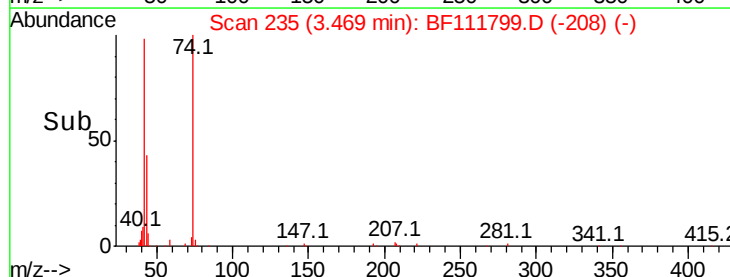
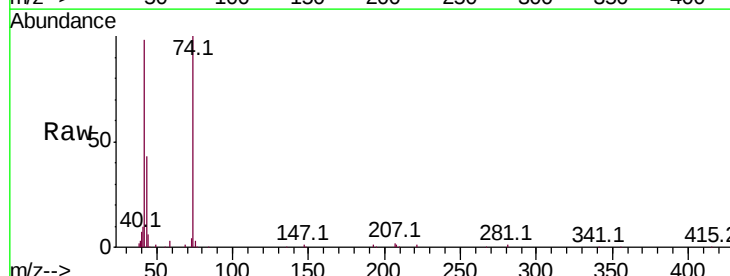
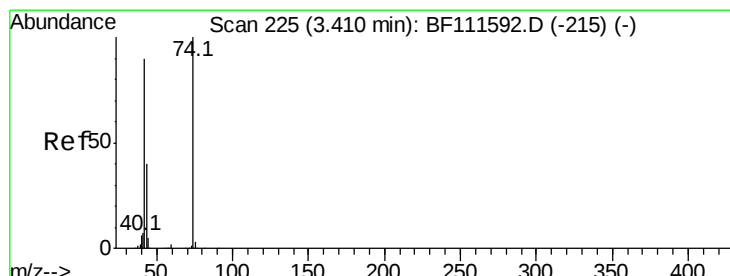
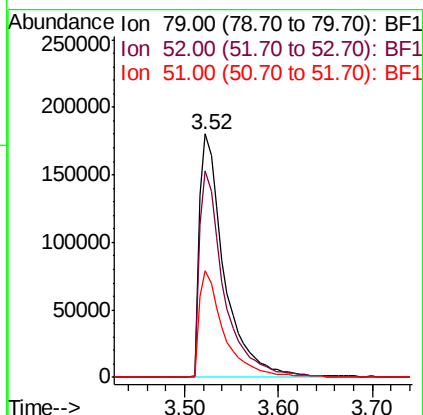
#3
Pvridine
Concen: 30.867 ng
RT: 3.52 min Scan# 244
Delta R.T. 0.06 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.6	68.3	102.5
51	44.1	32.6	49.0

Instrument :
BNA_F
ClientSampleId :
PB116072BS

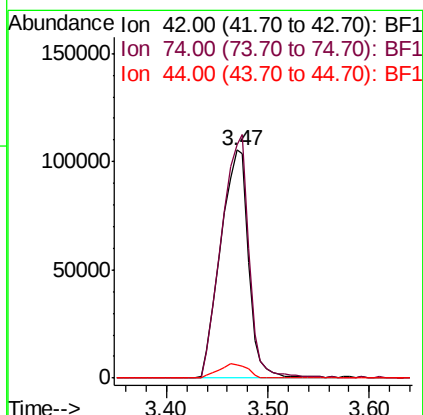
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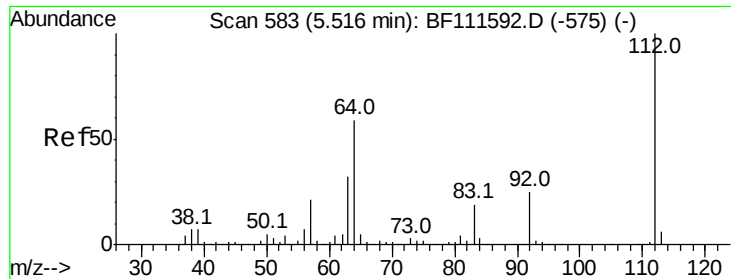
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#4
n-Nitrosodimethylamine
Concen: 38.315 ng
RT: 3.47 min Scan# 235
Delta R.T. 0.06 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	102.5	101.5	152.3
44	6.0	6.0	9.0





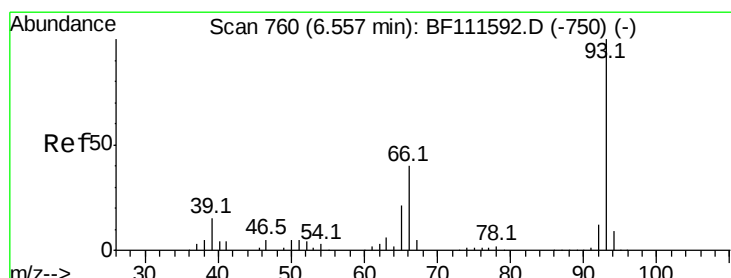
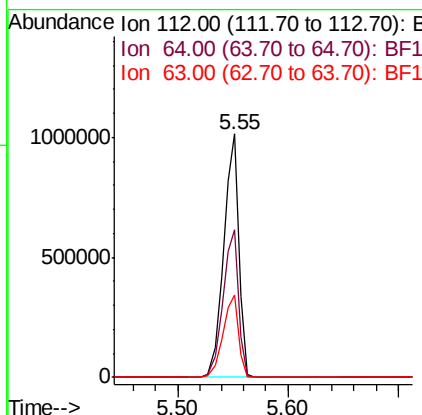
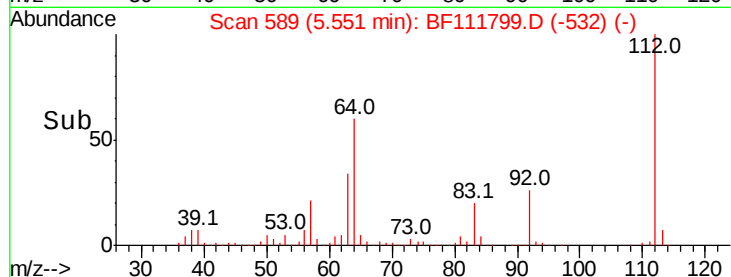
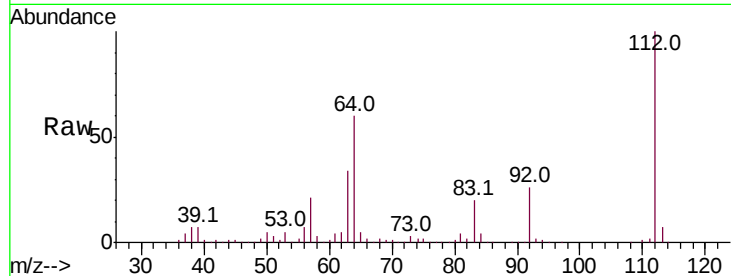
#5
2-Fluorophenol
Concen: 109.916 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.04 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampled :
PB116072BS

Tot Ion:	112	Resp:	970521
Ion Ratio	Lower	Upper	
112	100		
64	60.4	51.8	77.6
63	33.8	26.8	40.2

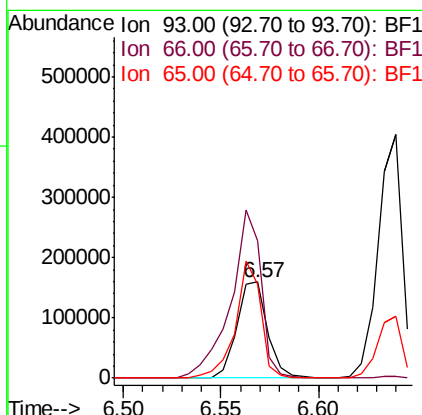
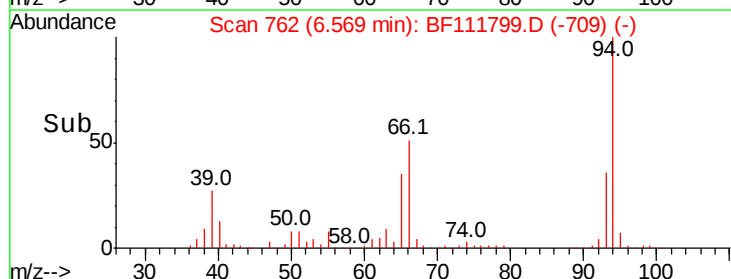
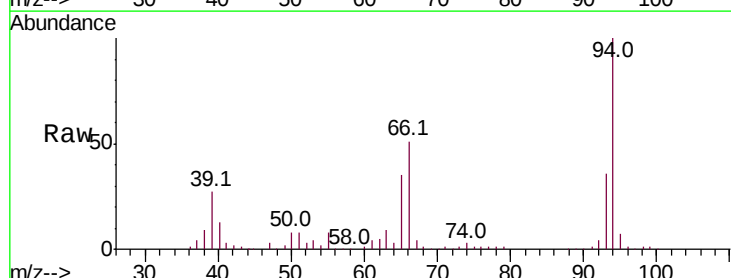
Manual Integrations
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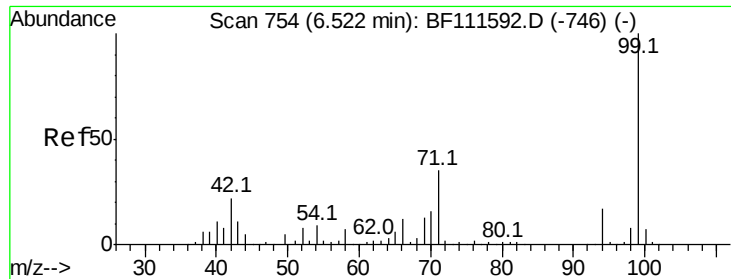
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#6
Aniline
Concen: 12.145 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion:	93	Resp:	173964
Ion Ratio	Lower	Upper	
93	100		
66	143.1	33.2	49.8#
65	97.9	17.0	25.4#





#7

Phenol-d6

Concen: 110.200 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

ClientSampleId :

PB116072BS

Tot Ion: 99 Resp: 1238322

Ion Ratio Lower Upper

99 100

42 22.7 17.4 26.0

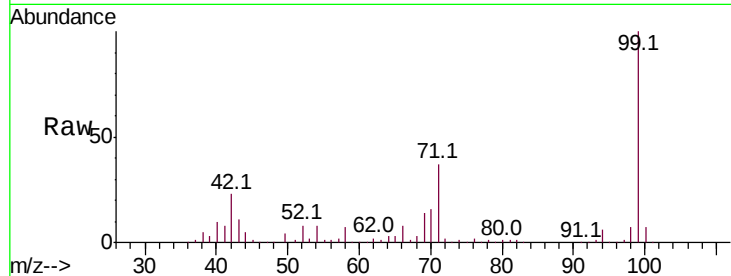
71 37.1 26.1 39.1

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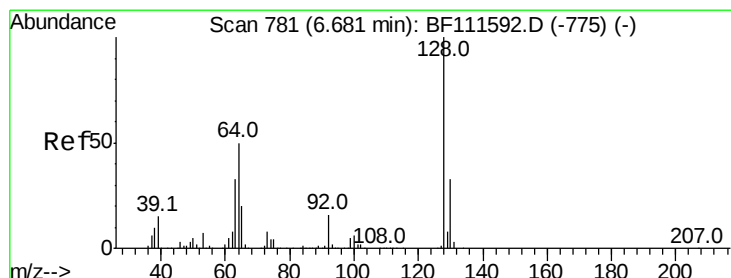
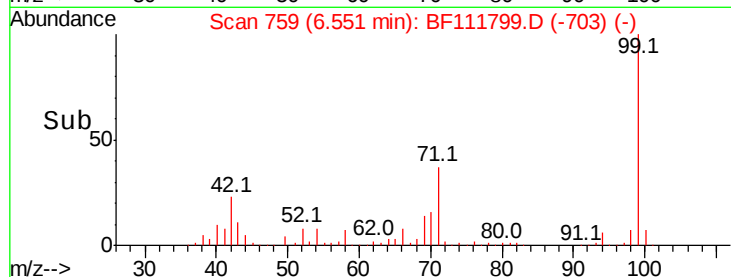
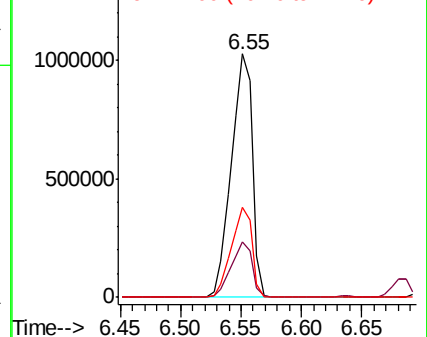
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.242 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

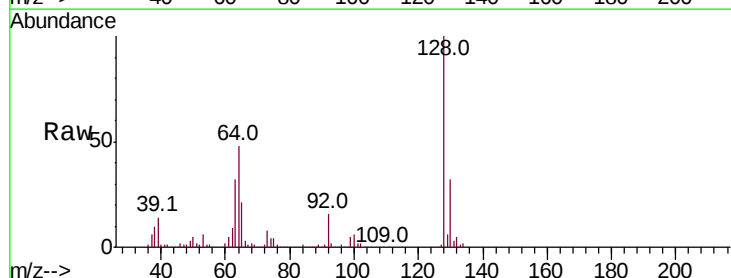
Tgt Ion:128 Resp: 374041

Ion Ratio Lower Upper

128 100

130 32.5 12.7 52.7

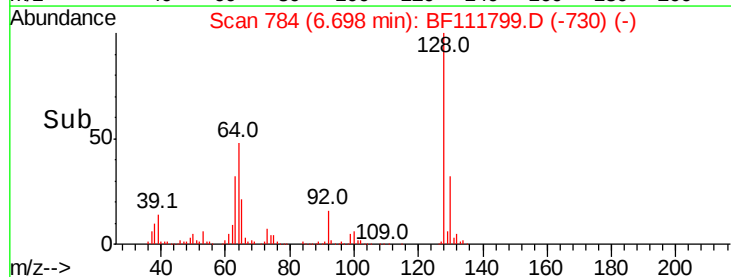
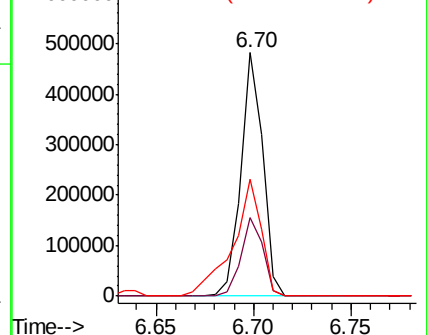
64 47.8 30.0 70.0

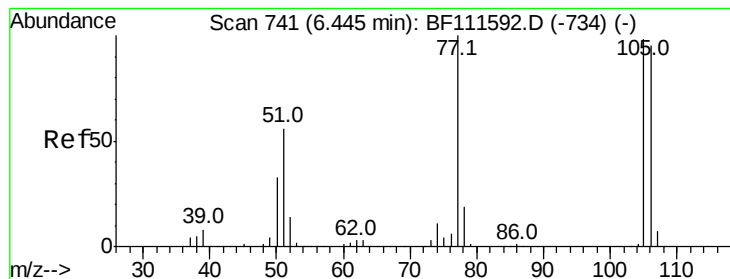


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.979 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

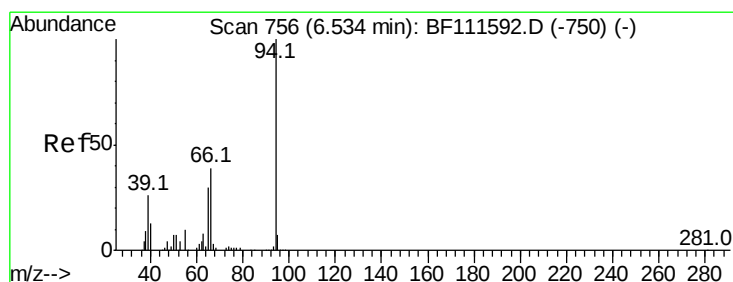
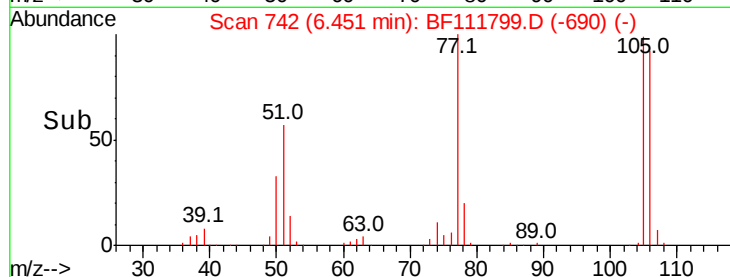
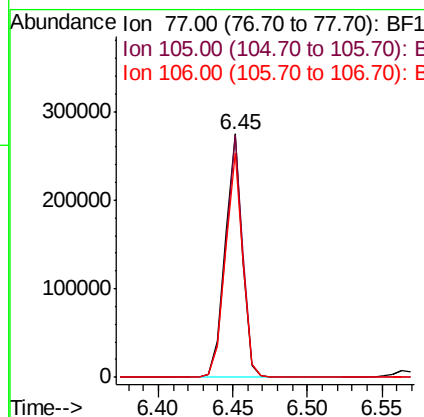
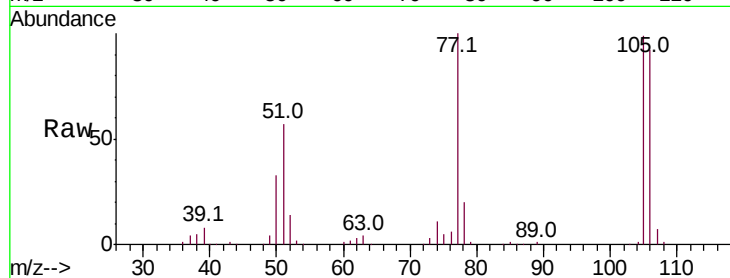
ClientSampleId :

PB116072BS

Tot Ion:	77	Resp:	223959
Ion	Ratio	Lower	Upper
77	100		
105	99.5	81.4	121.4
106	92.2	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 34.192 ng

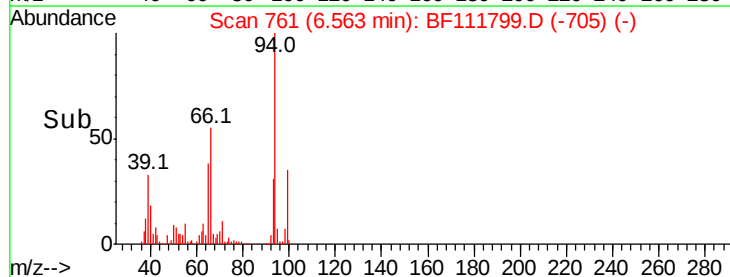
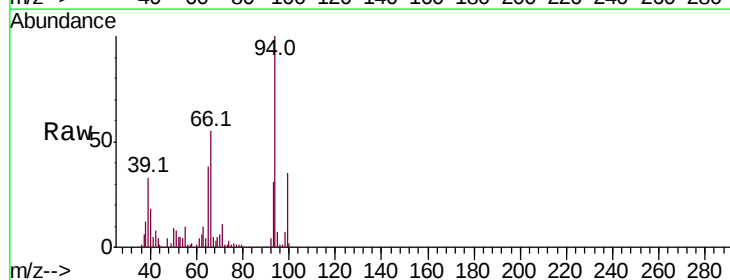
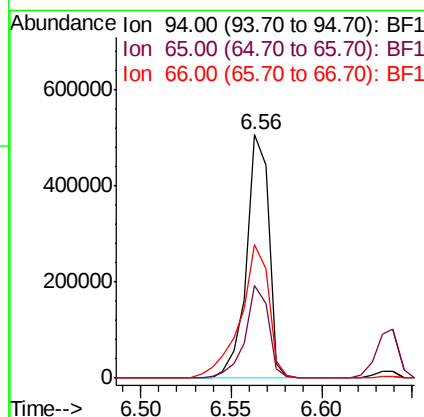
RT: 6.56 min Scan# 761

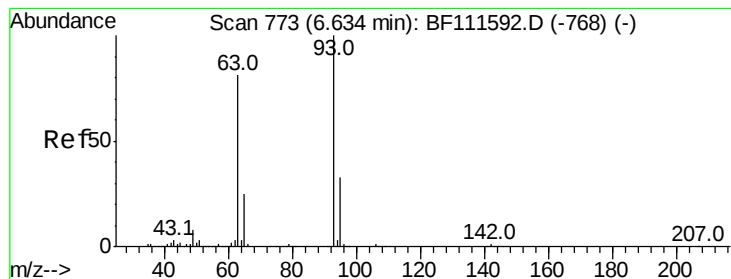
Delta R.T. 0.03 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Tgt Ion:	94	Resp:	433510
Ion	Ratio	Lower	Upper
94	100		
65	38.1	11.7	51.7
66	55.0	21.0	61.0





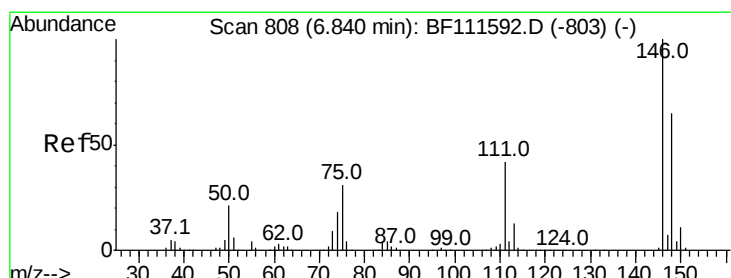
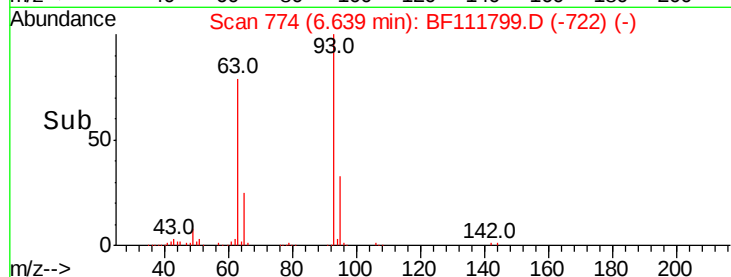
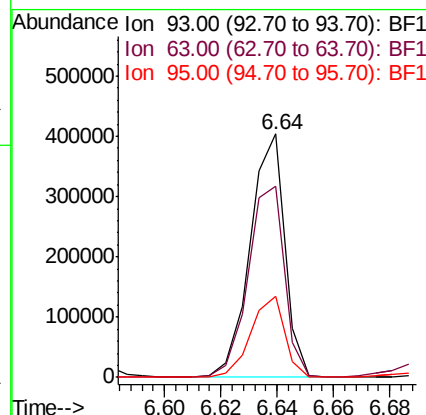
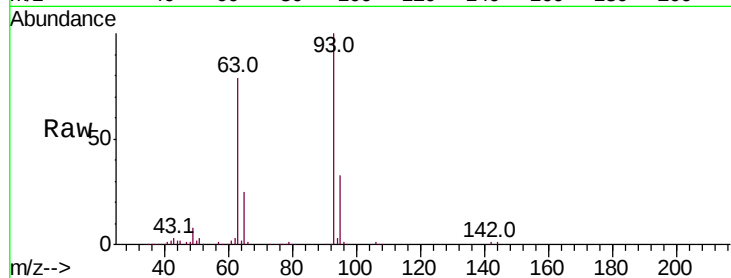
#11
bis(2-Chloroethyl)ether
Concen: 36.154 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	93	Resp	343495
Ion Ratio	100	Lower	Upper
93	100		
63	78.6	60.0	100.0
95	33.3	13.4	53.4

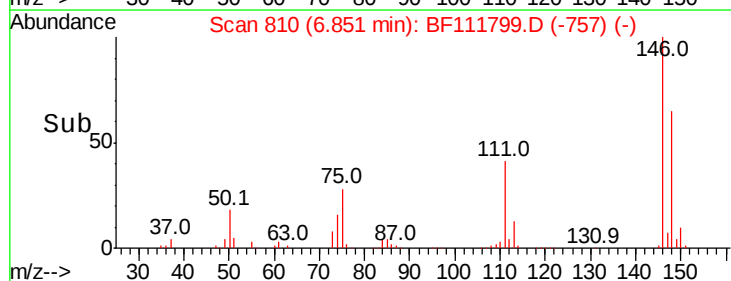
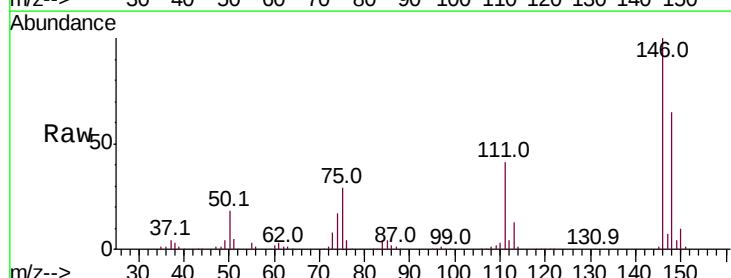
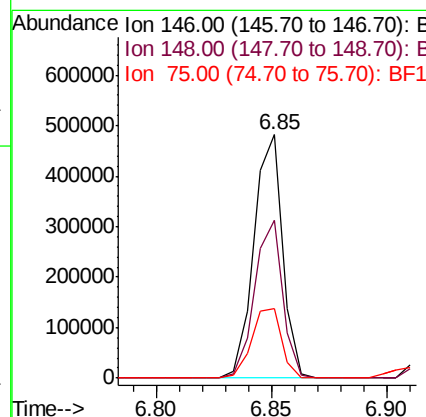
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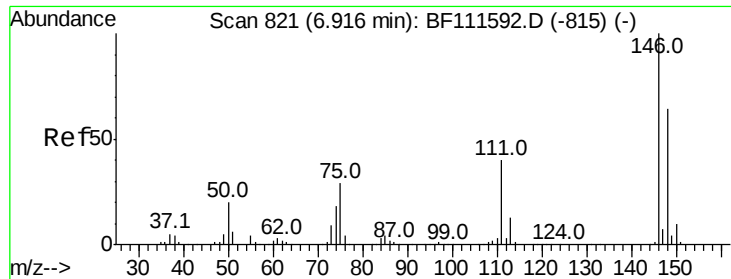
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.943 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	146	Resp	418749
Ion Ratio	100	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	28.5	23.9	35.9





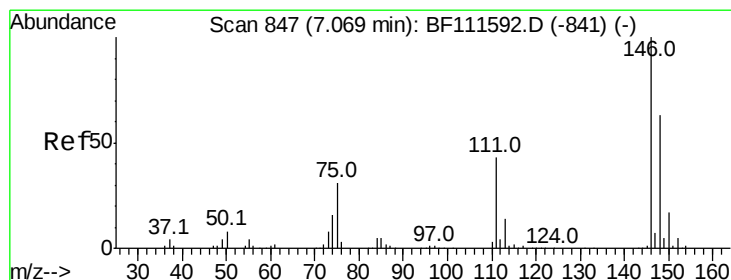
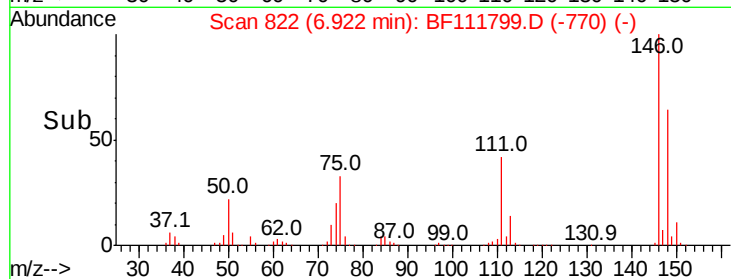
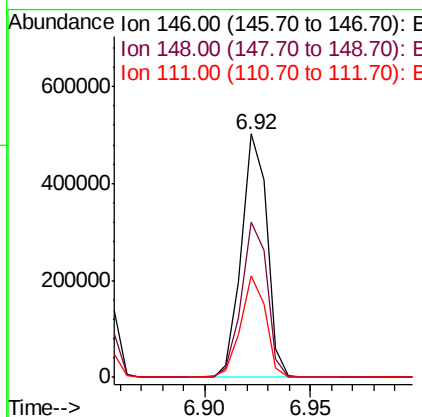
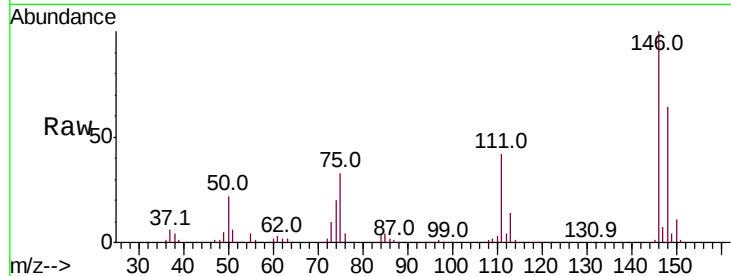
#13
 1,4-Dichlorobenzene
 Concen: 36.740 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.8	79.2
111	41.7	33.4	50.0

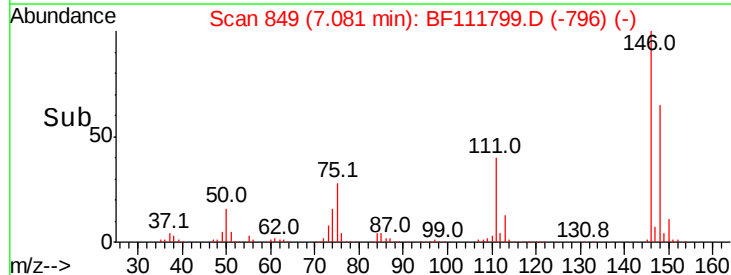
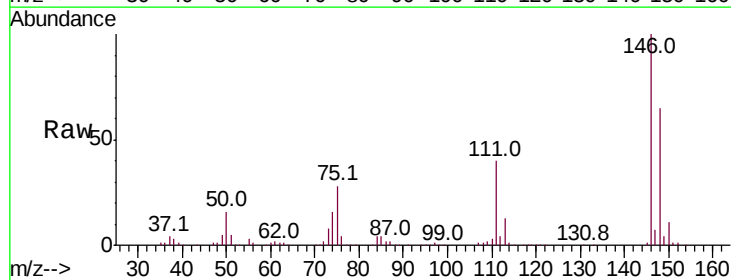
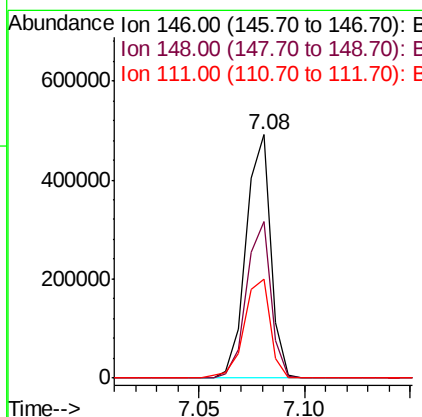
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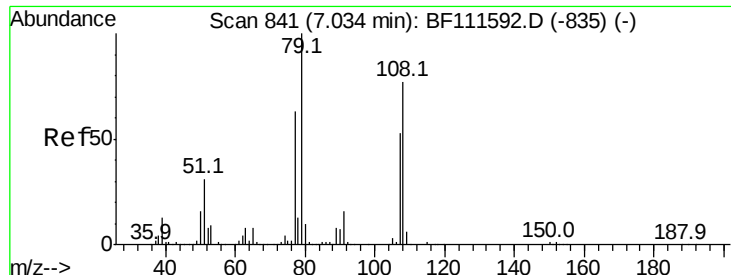
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#14
 1,2-Dichlorobenzene
 Concen: 37.057 ng
 RT: 7.08 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	40.5	36.2	54.4





#15

Benzyl Alcohol

Concen: 36.935 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

ClientSampleId :

PB116072BS

Tot Ion: 79 Resp: 329623

Ion Ratio Lower Upper

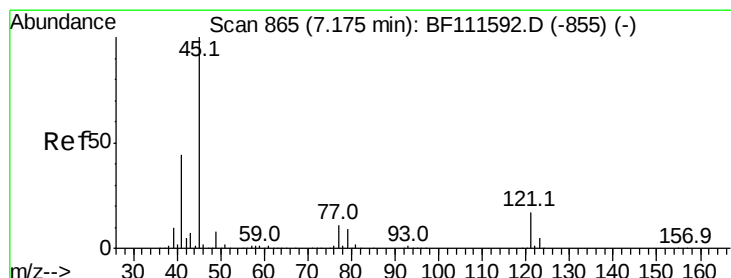
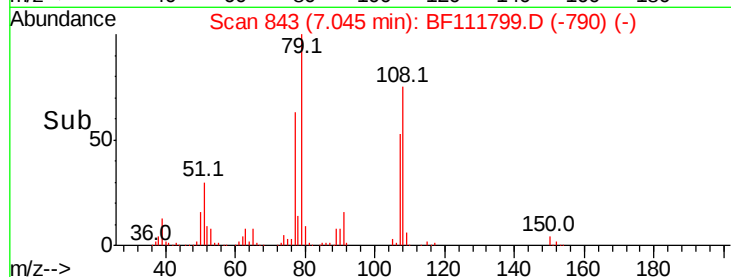
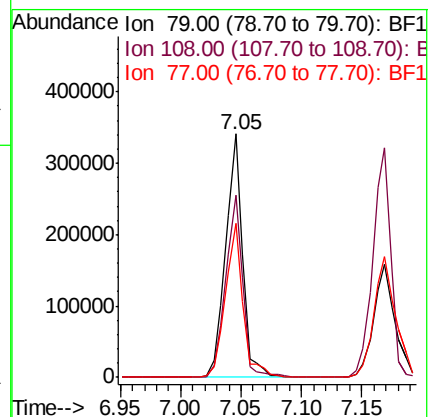
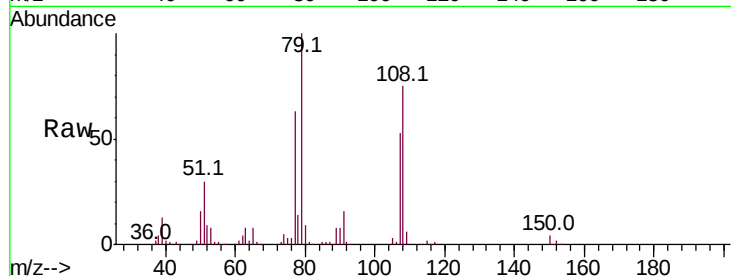
79 100

108 75.0 69.4 104.2

77 63.1 49.7 74.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.967 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

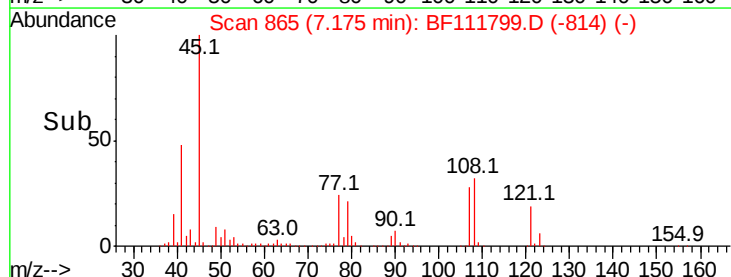
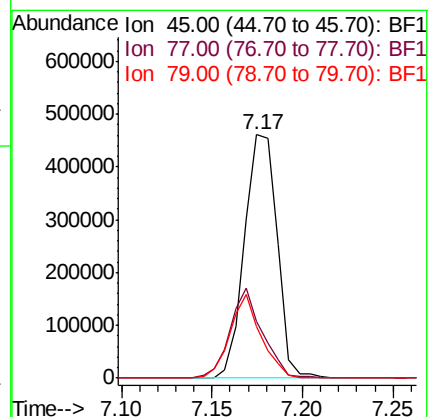
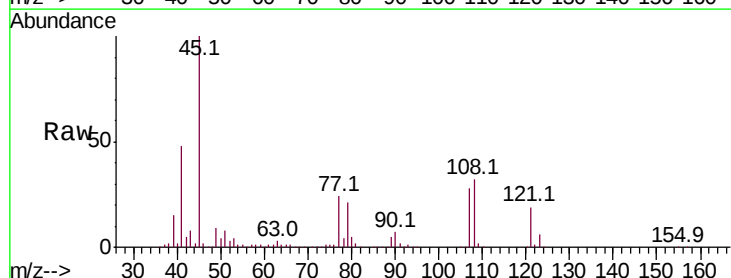
Tgt Ion: 45 Resp: 576860

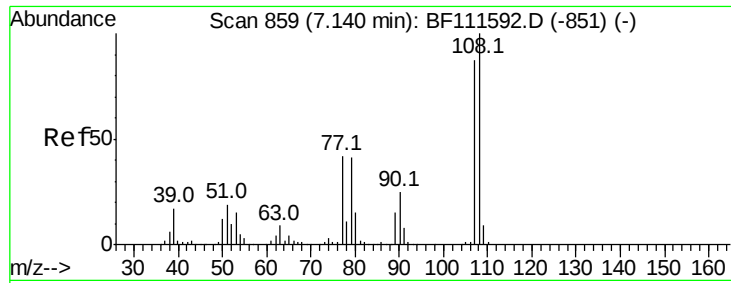
Ion Ratio Lower Upper

45 100

77 23.5 0.0 31.5

79 21.3 0.0 28.9





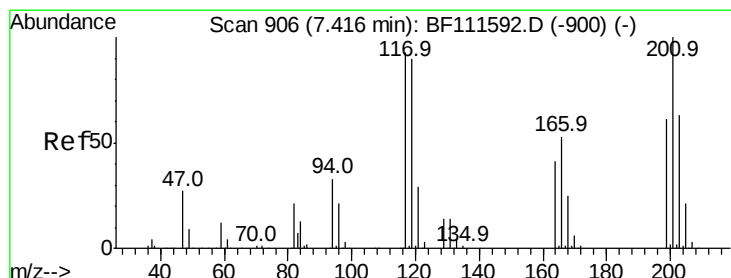
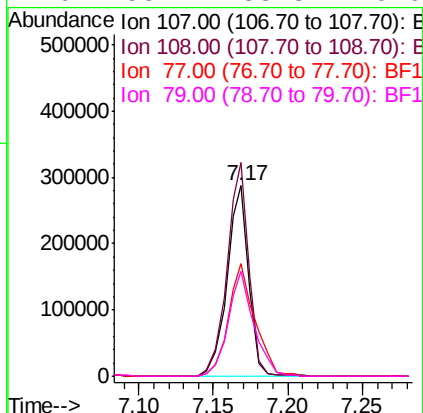
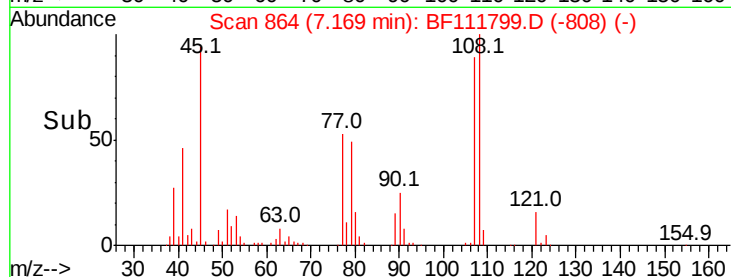
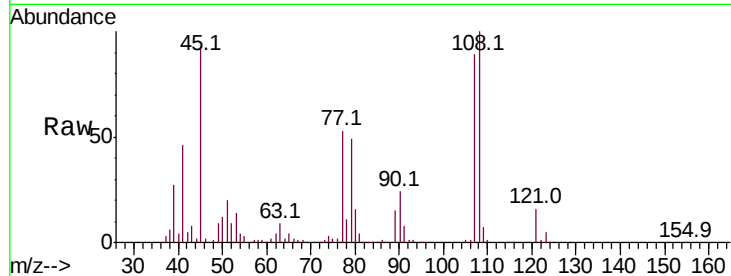
#17
2-Methylphenol
Concen: 37.768 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	91.0	136.4	
77	59.0	33.5	50.3#	
79	55.2	33.3	49.9#	

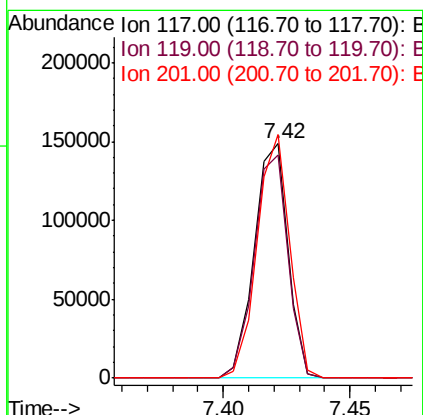
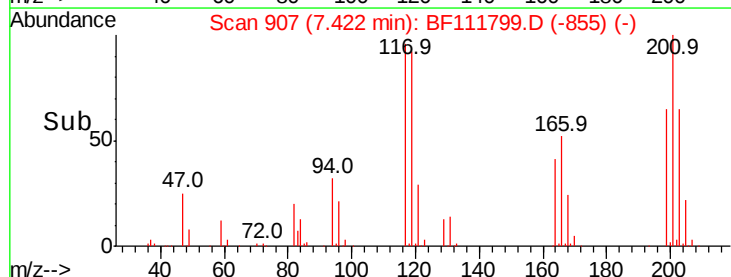
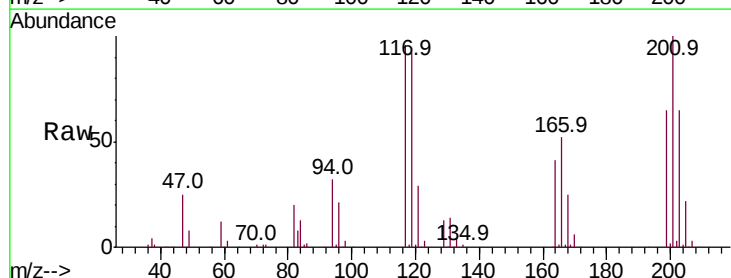
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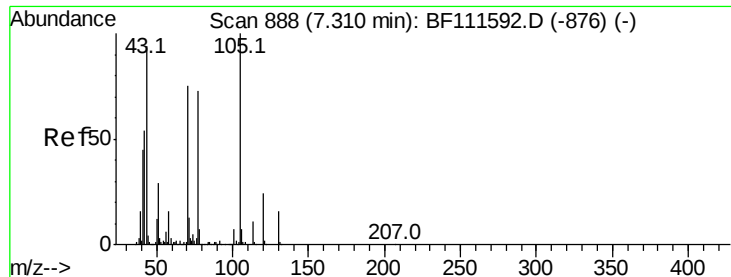
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#18
Hexachloroethane
Concen: 35.789 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.4	113.0	
201	103.9	62.4	93.6#	





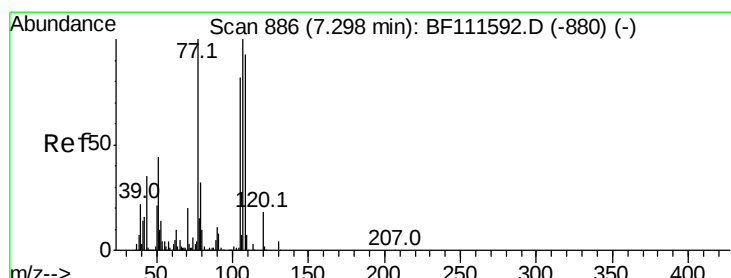
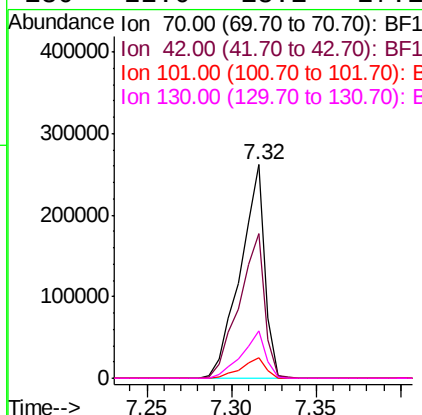
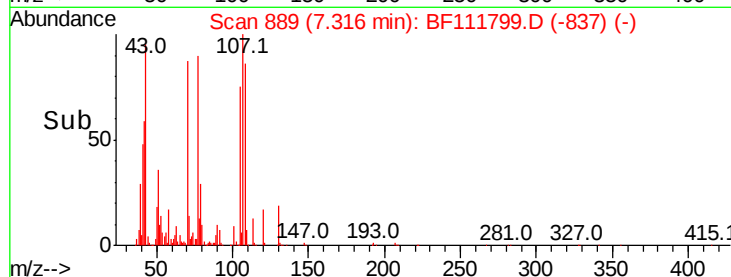
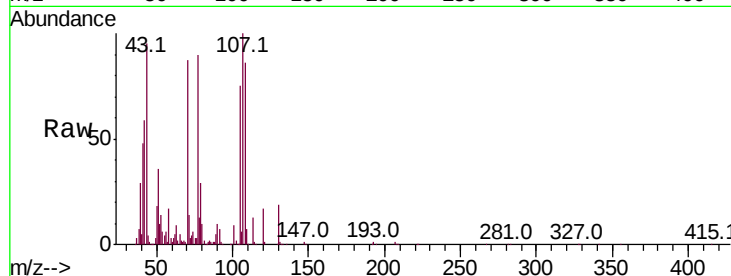
#19
n-Nitroso-di-n-propylamine
Concen: 35.387 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	53.2	79.8
101	9.8	8.2	12.4
130	22.0	18.1	27.1

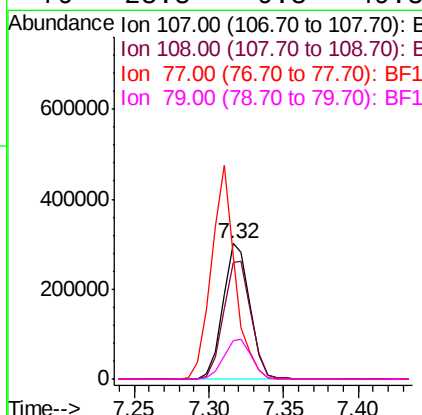
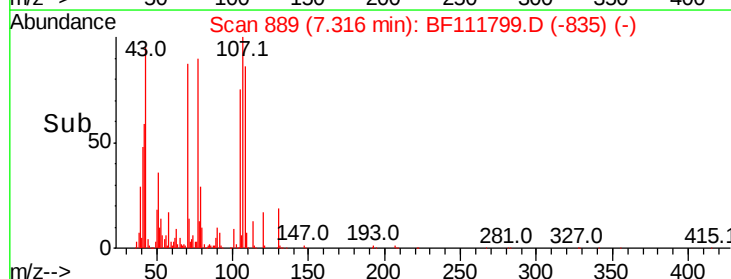
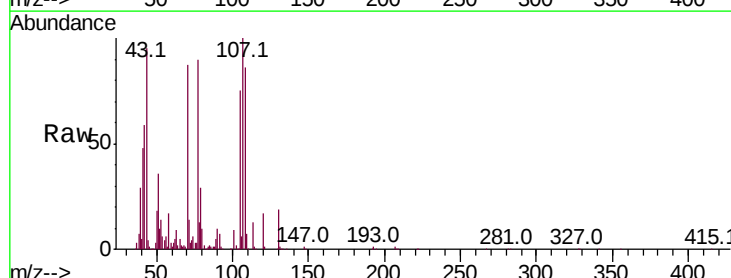
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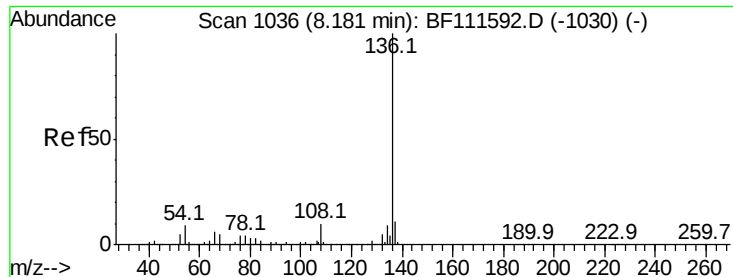
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#20
3+4-Methylphenols
Concen: 38.554 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	72.1	112.1
77	90.4	94.1	134.1#
79	28.8	9.8	49.8





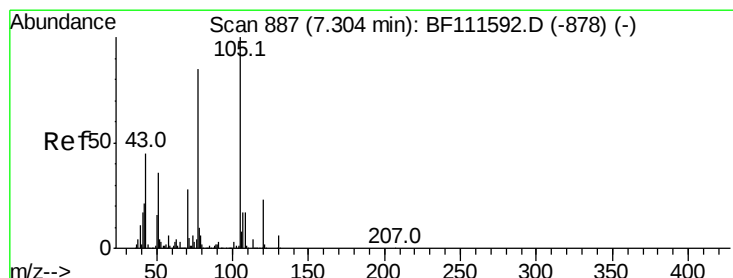
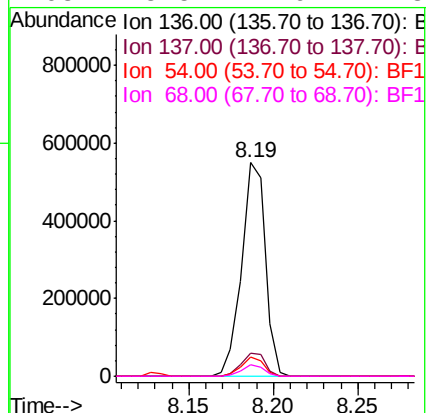
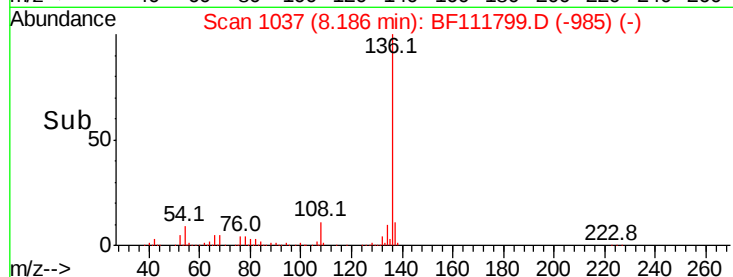
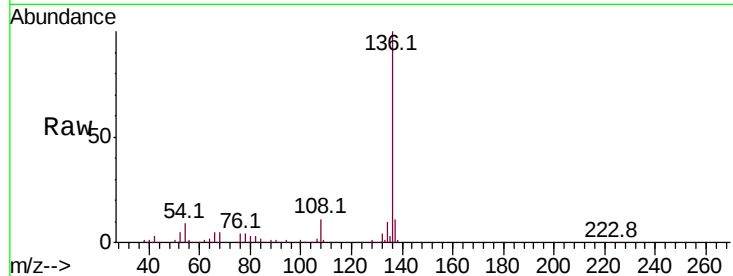
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	9.2	7.7	11.5	
68	5.5	4.9	7.3	

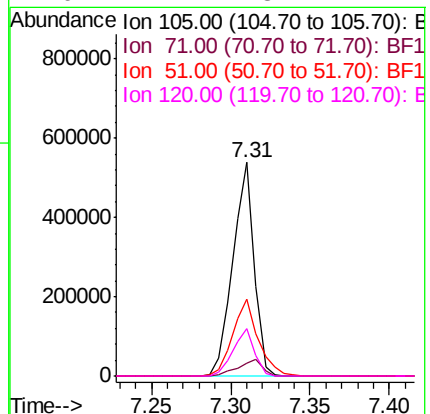
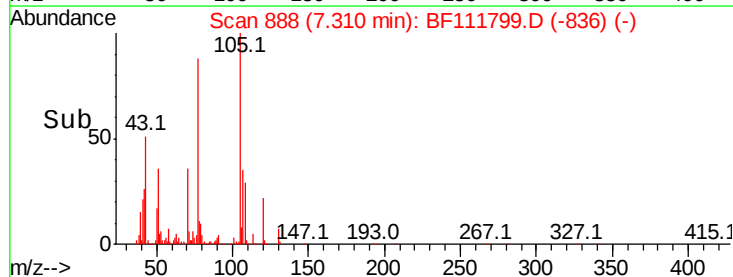
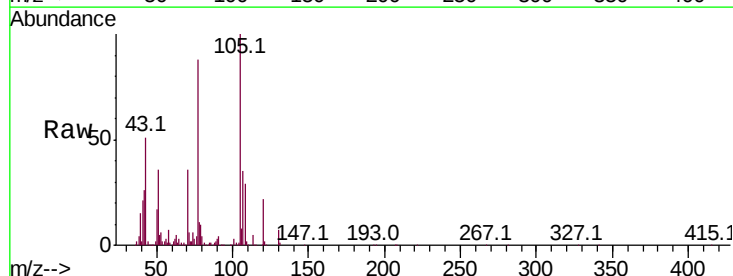
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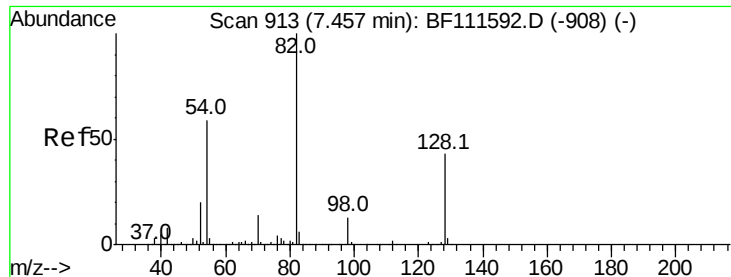
Sohil
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#22
Acetophenone
Concen: 36.774 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.1	3.1	4.7#	
51	35.8	36.6	54.8#	
120	22.4	18.2	27.4	





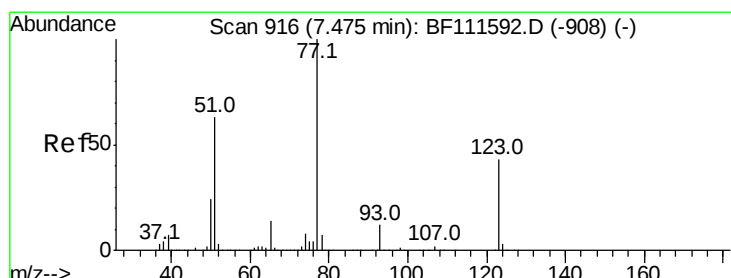
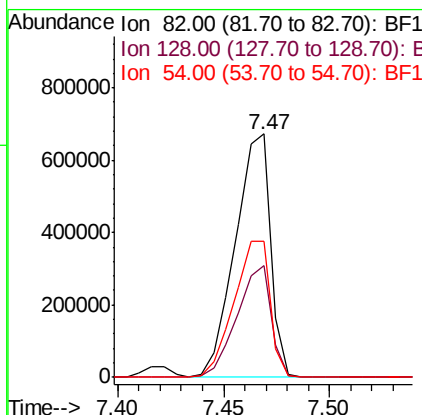
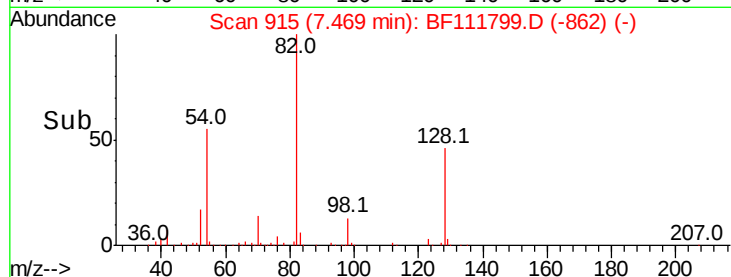
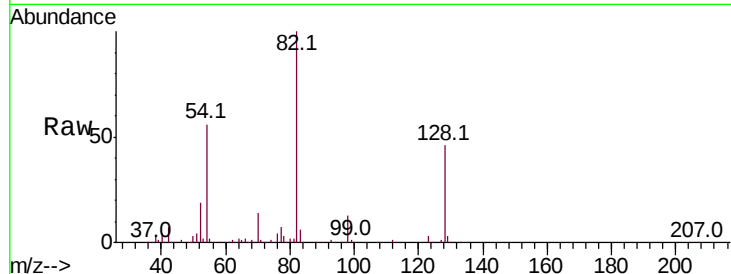
#23
 Nitrobenzene-d5
 Concen: 84.135 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.4	56.2
54	55.6	47.6	71.4

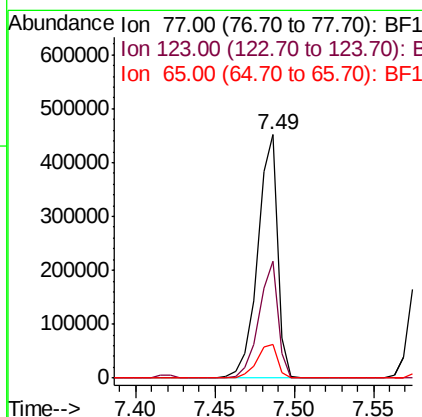
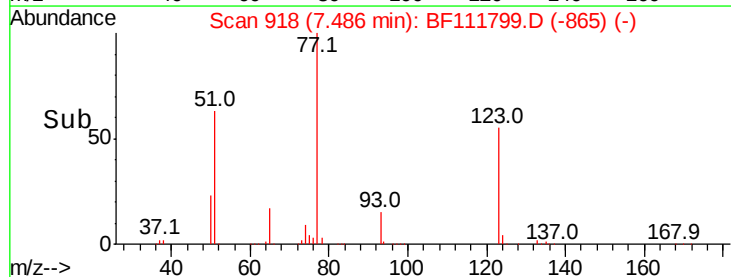
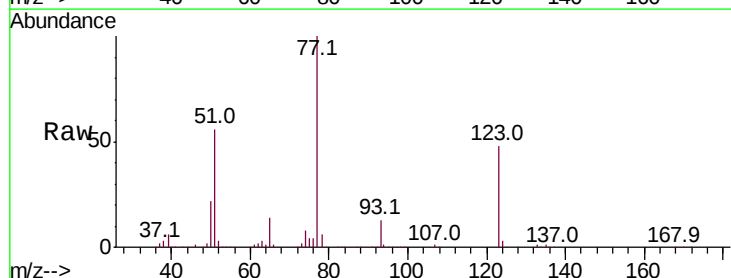
Manual Integrations
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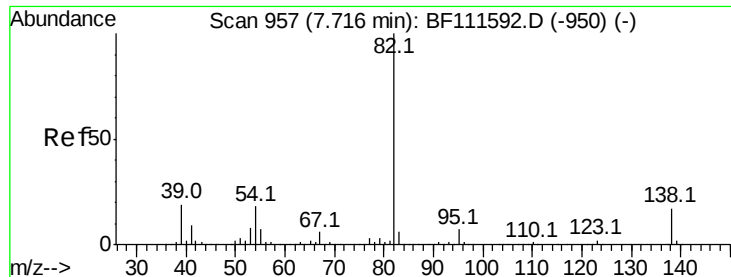
Sohil
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#24
 Nitrobenzene
 Concen: 40.610 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.2	55.8
65	13.9	11.5	17.3





#25

Isophorone

Concen: 41.913 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

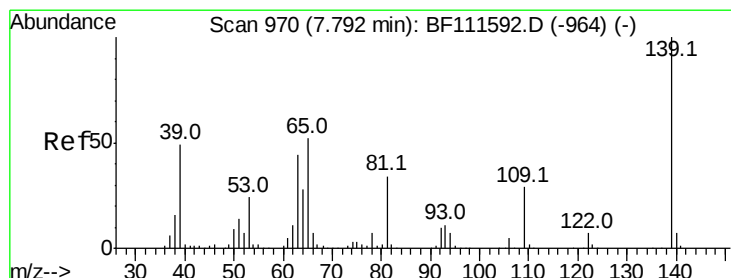
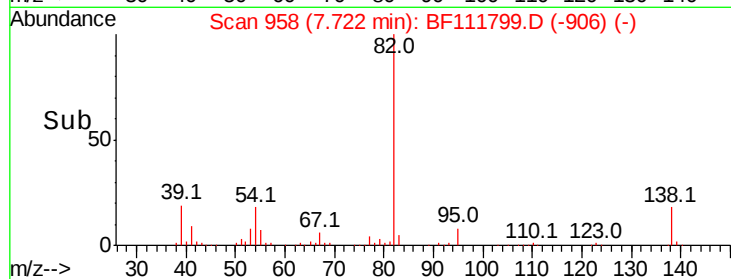
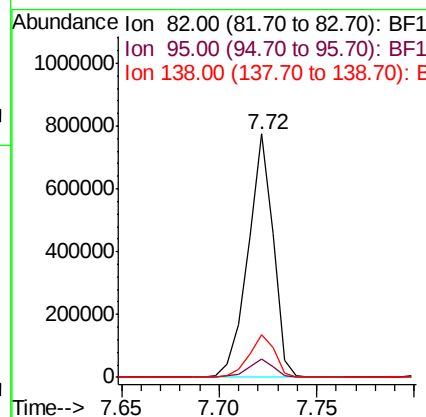
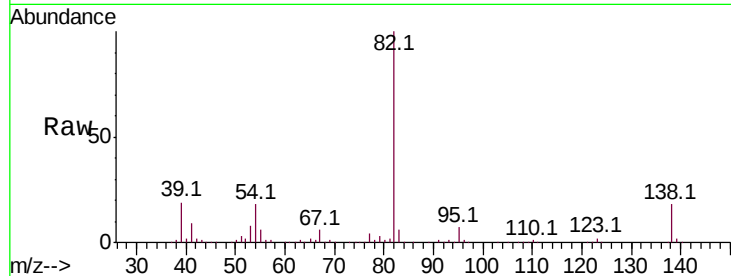
ClientSampleId :

PB116072BS

Tot Ion:	82	Resp:	690723
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.2
138	17.5	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.726 ng

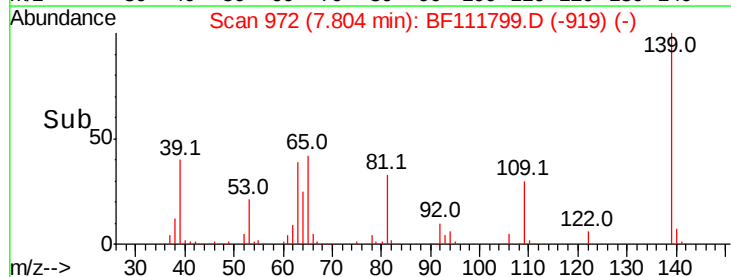
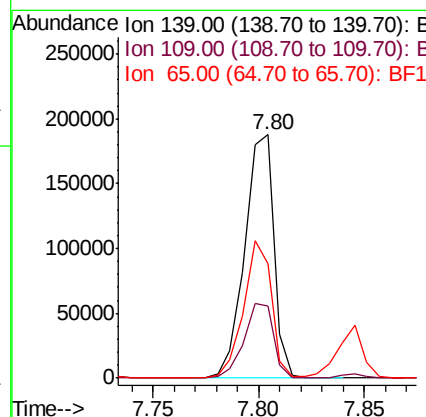
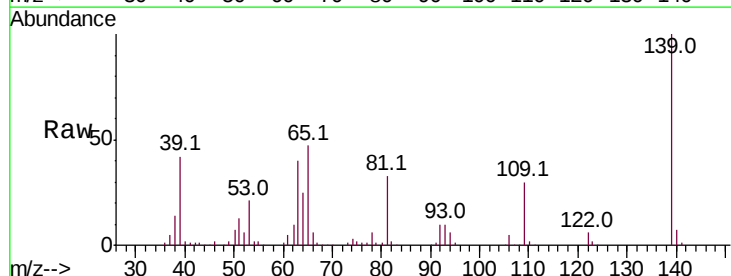
RT: 7.80 min Scan# 972

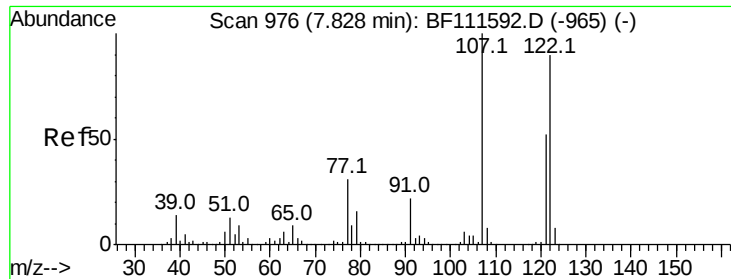
Delta R.T. 0.01 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Tgt Ion:	139	Resp:	180433
Ion Ratio	Lower	Upper	
139	100		
109	29.6	20.2	30.4
65	47.0	40.7	61.1





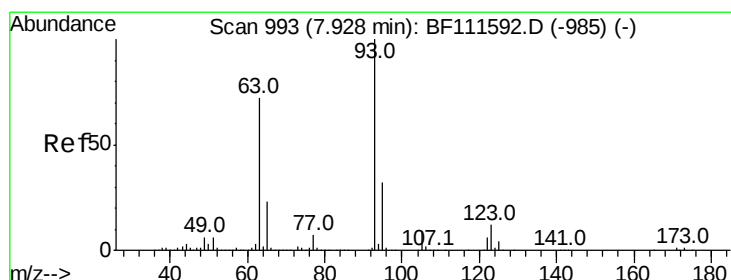
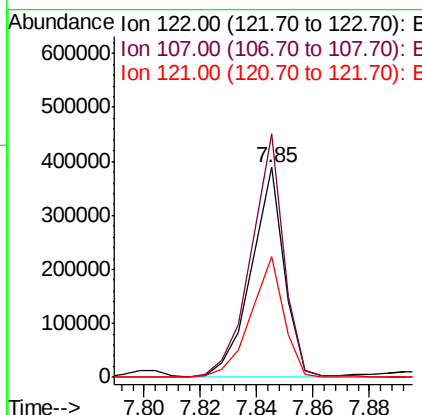
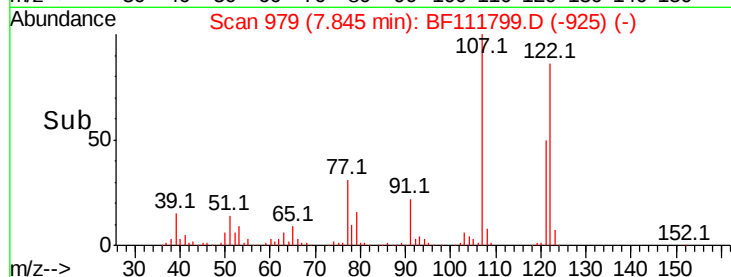
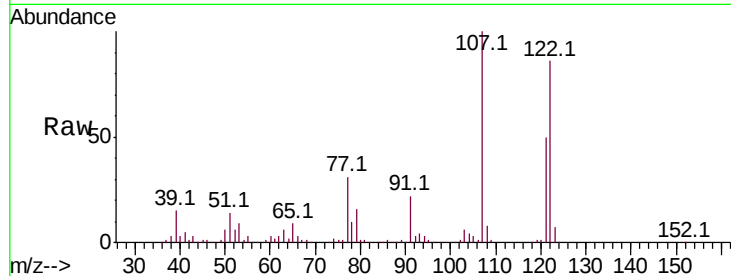
#27
2,4-Dimethylphenol
Concen: 40.651 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	85.5	128.3
121	57.7	46.6	70.0

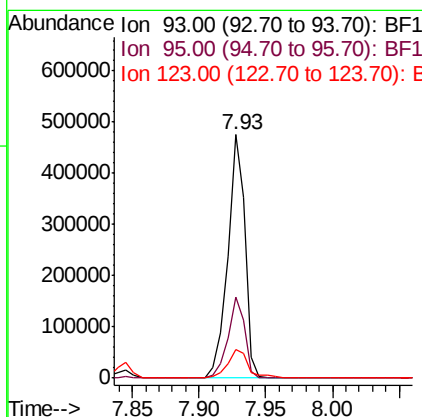
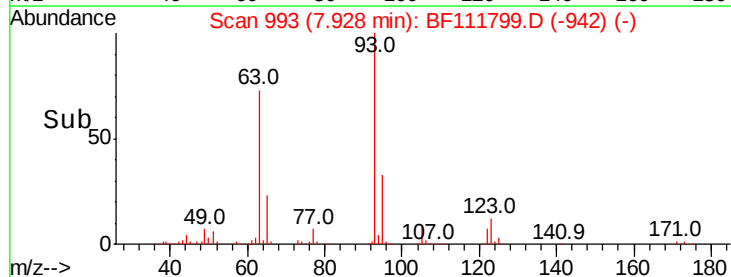
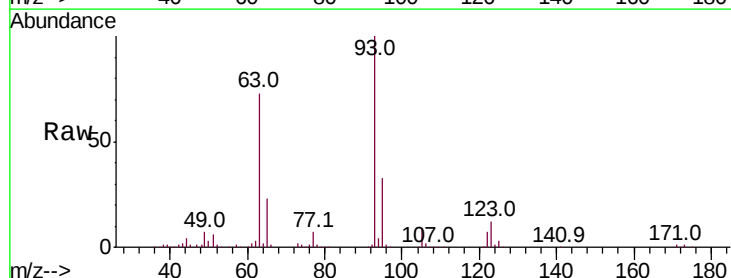
Manual Integrations
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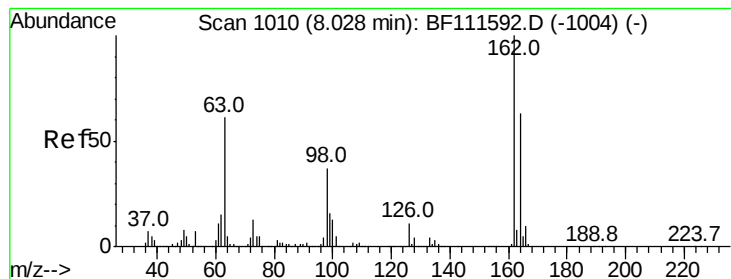
Sohil
1/2/2019 2:51:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.466 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.1	40.7
123	12.0	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 38.070 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.02 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

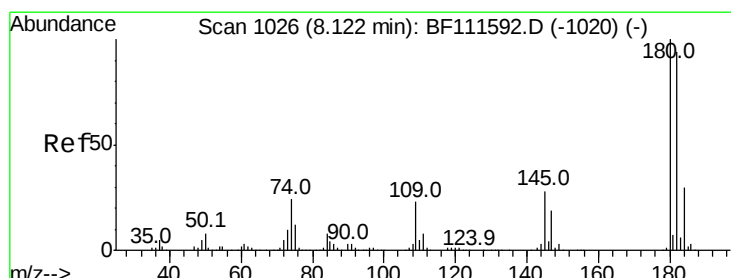
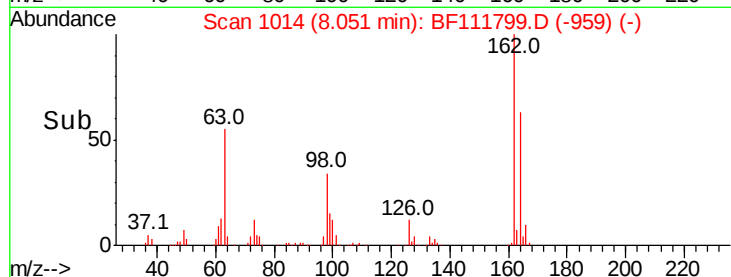
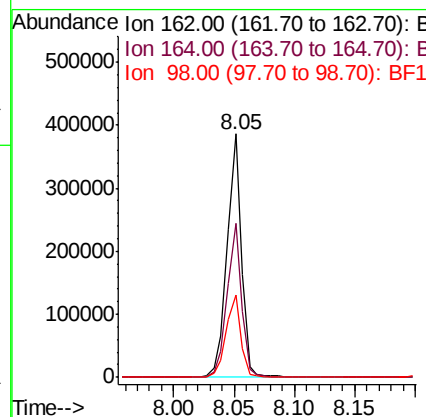
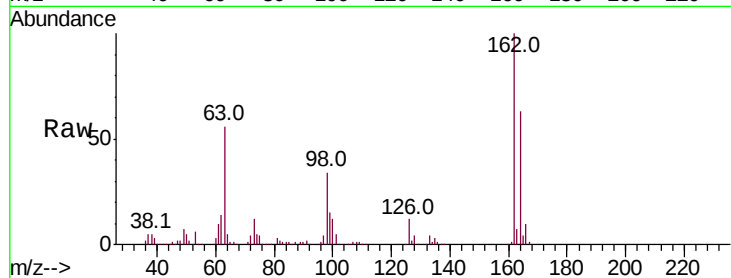
ClientSampleID :

PB116072BS

Tot Ion:	162	Resp:	318512
Ion Ratio	Lower	Upper	
162	100		
164	63.1	44.4	84.4
98	33.9	20.3	60.3

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 37.175 ng

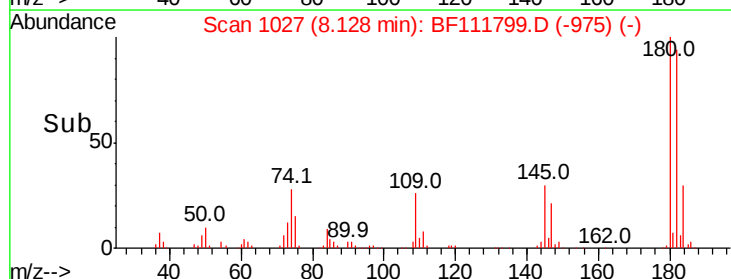
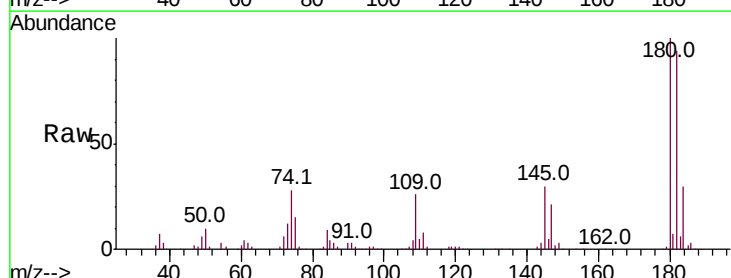
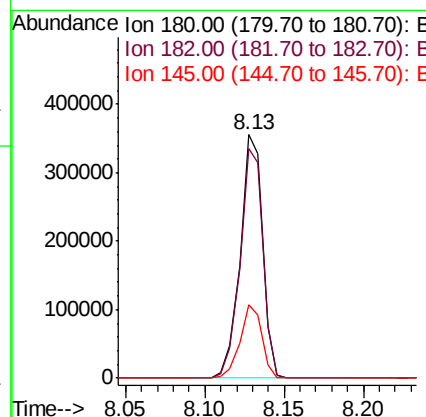
RT: 8.13 min Scan# 1027

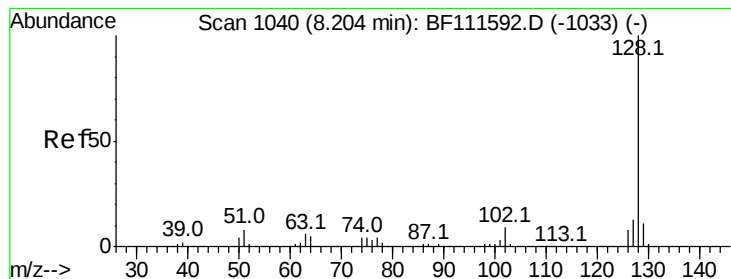
Delta R.T. 0.01 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Tgt Ion:	180	Resp:	346590
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.6	113.4
145	30.3	26.7	40.1





#31

Naphthalene

Concen: 39.911 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

ClientSampleId :

PB116072BS

Tot Ion:128 Resp: 1036192

Ion Ratio Lower Upper

128 100

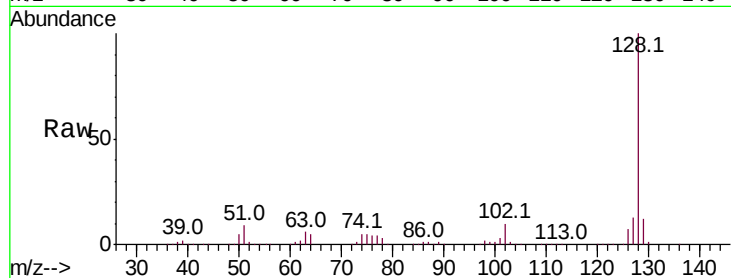
129 11.6 9.8 14.8

127 13.2 12.0 18.0

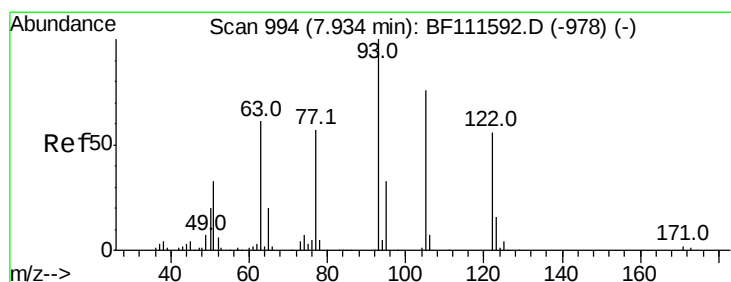
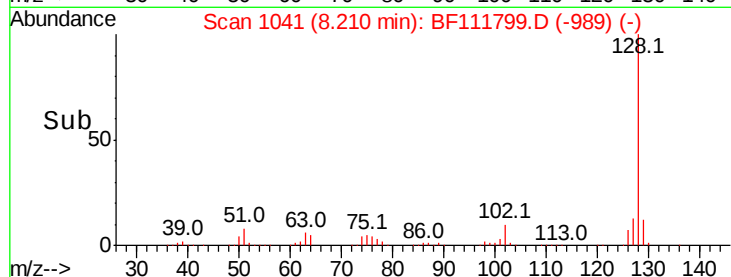
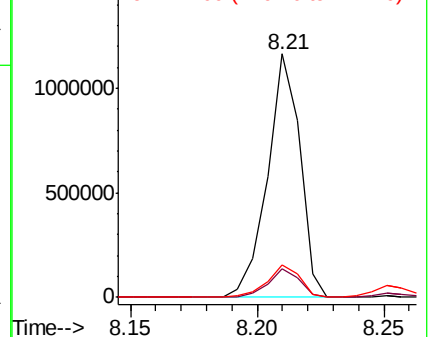
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.480 ng m

RT: 7.95 min Scan# 997

Delta R.T. 0.02 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

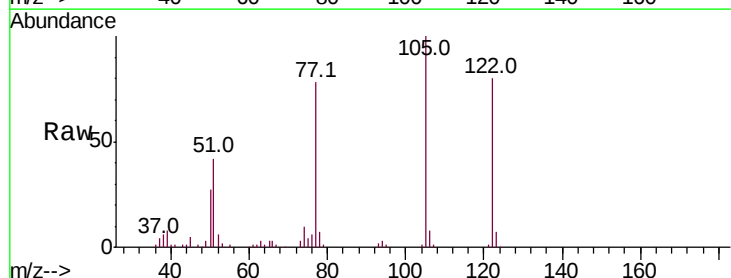
Tgt Ion:122 Resp: 161904

Ion Ratio Lower Upper

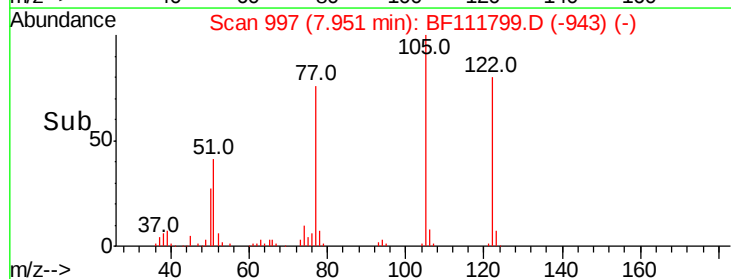
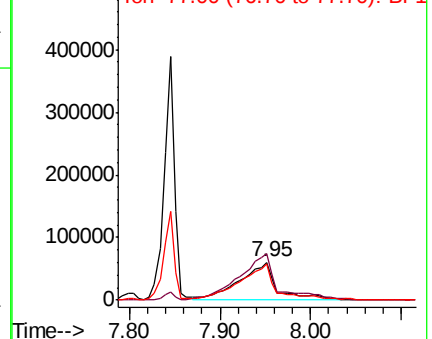
122 100

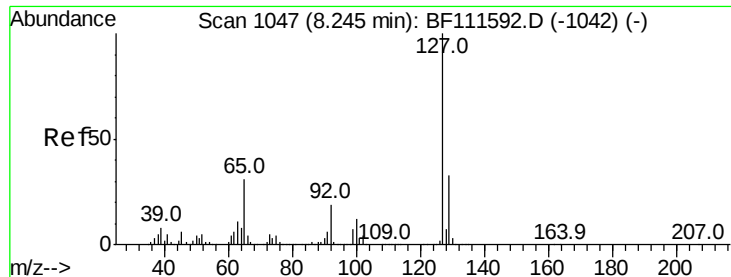
105 124.4 97.0 137.0

77 97.5 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





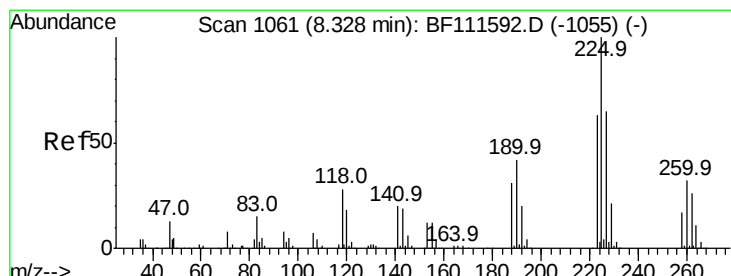
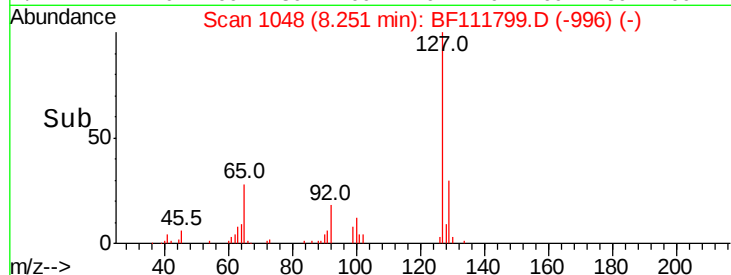
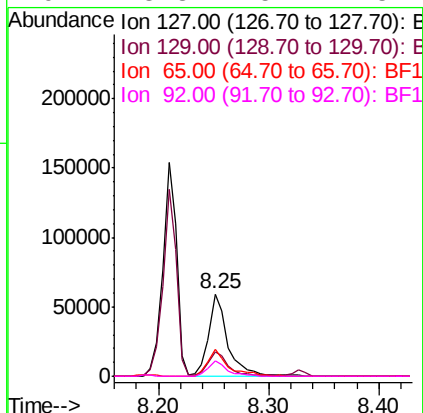
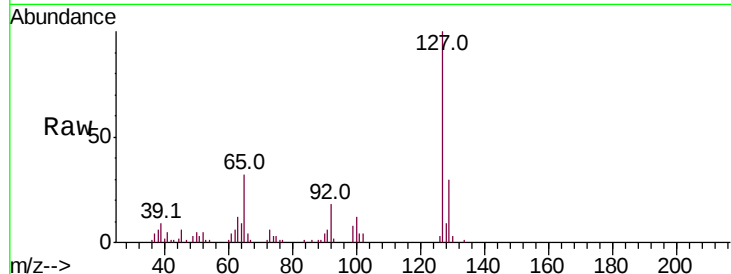
#33
4-Chloroaniline
Concen: 6.214 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	69736		
129	30.0		26.6	39.8
65	32.4		25.7	38.5
92	18.3		15.4	23.2

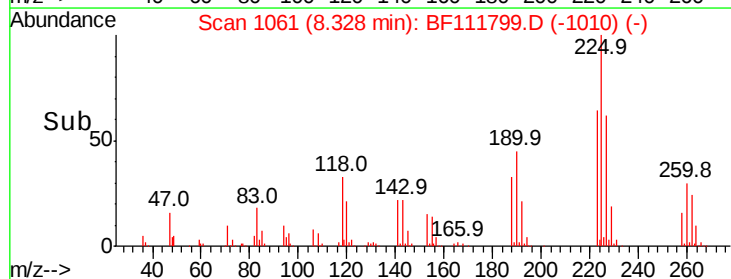
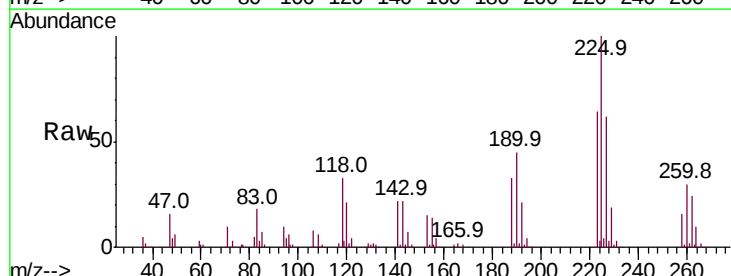
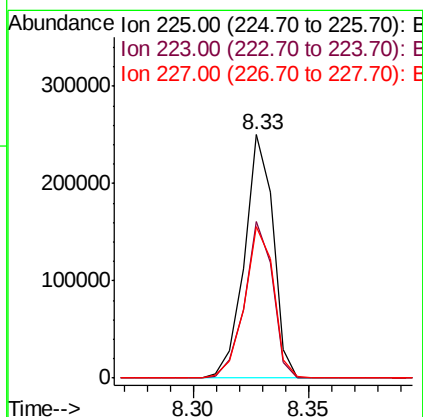
Manual Integrations
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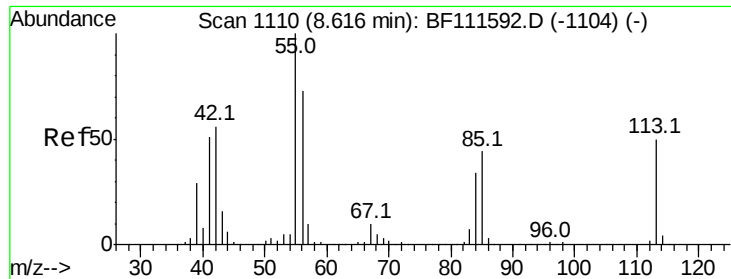
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#34
Hexachlorobutadiene
Concen: 38.404 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	218217		
223	64.3		50.7	76.1
227	62.1		52.6	78.8





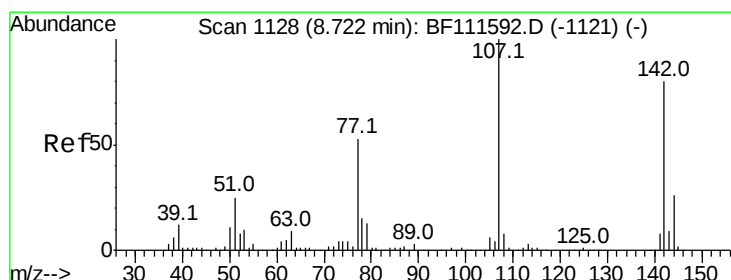
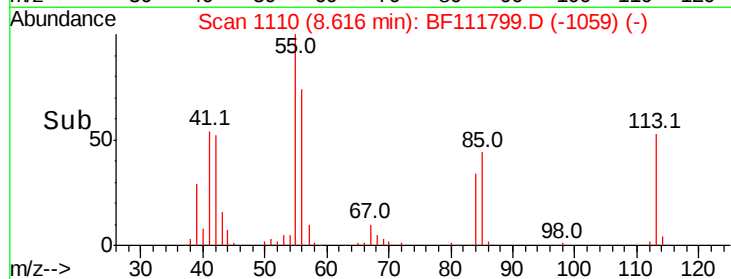
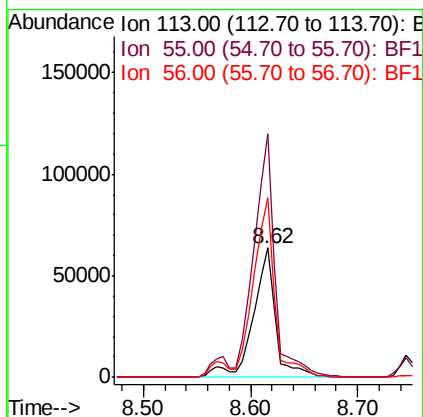
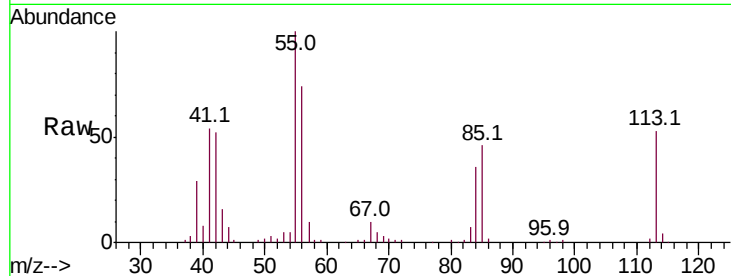
#35
 Caprolactam
 Concen: 32.131 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.1	184.1	224.1
56	138.9	126.0	166.0

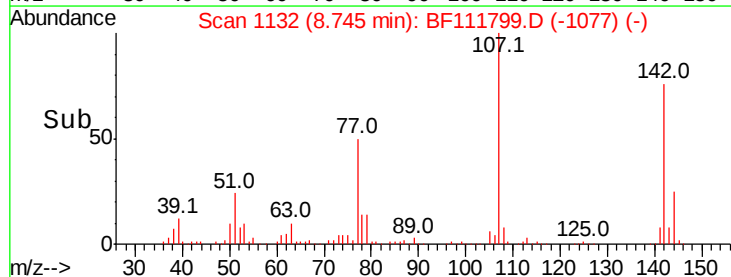
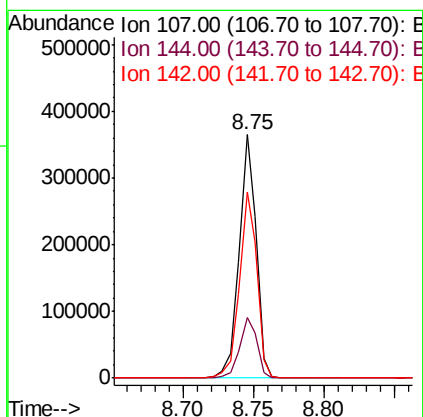
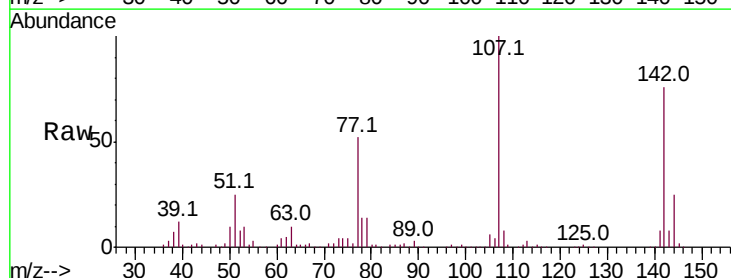
Manual Integrations
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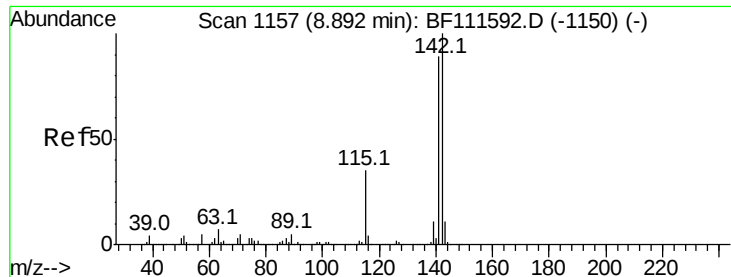
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 37.168 ng/ml
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.02 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.6
142	76.3	62.3	93.5





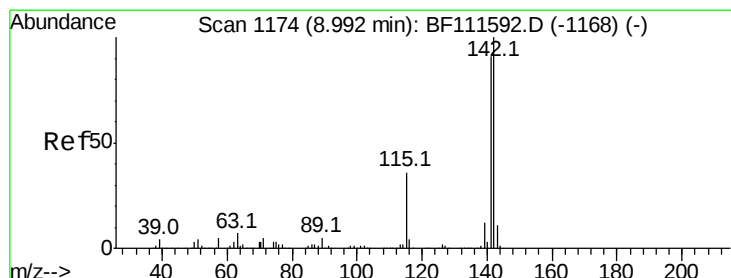
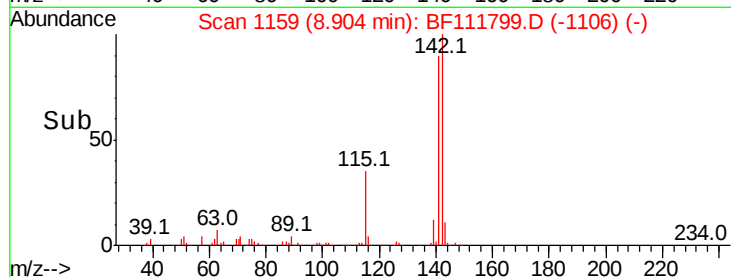
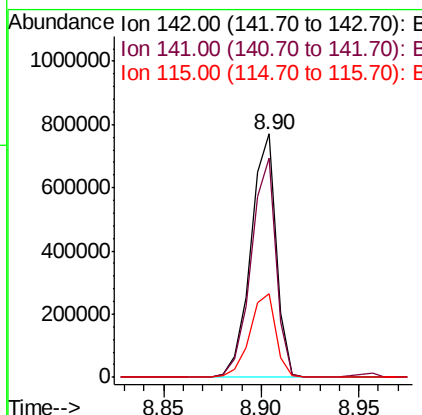
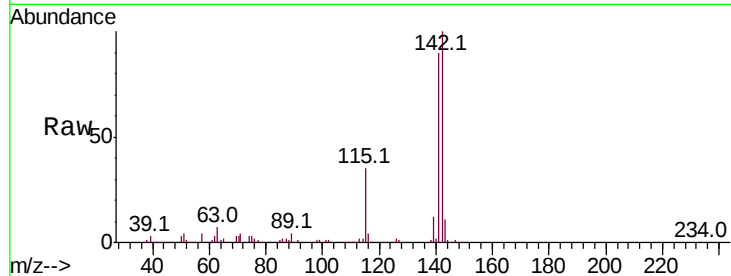
#37
2-Methylnaphthalene
Concen: 41.169 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.6	105.8
115	34.6	27.0	40.6

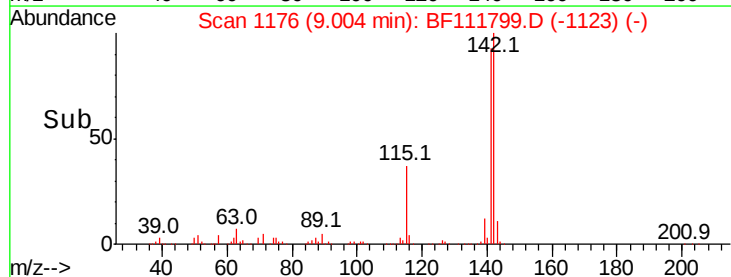
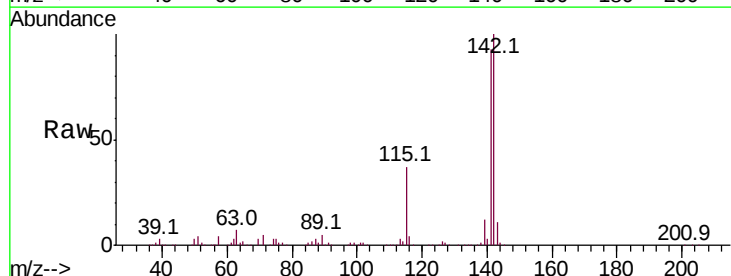
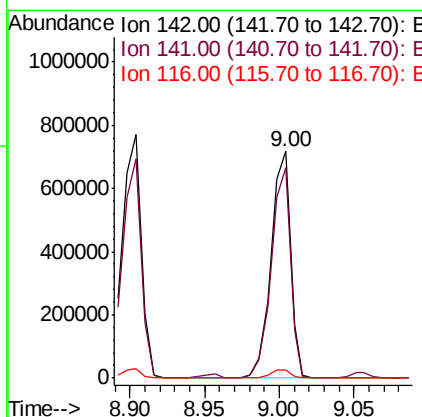
Manual Integrations
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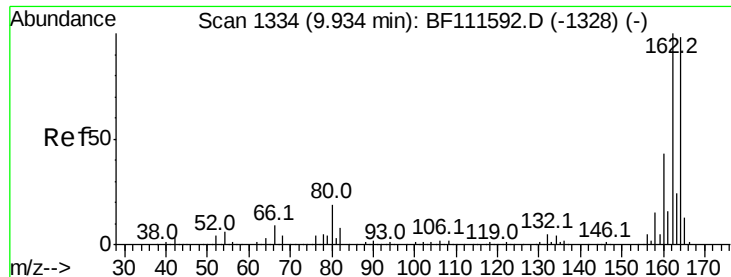
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#38
1-Methylnaphthalene
Concen: 39.995 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.2	111.4
116	3.8	2.9	4.3





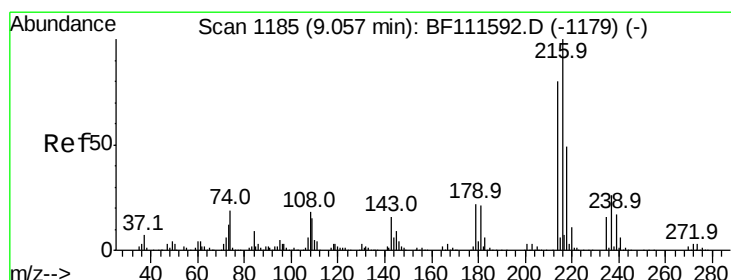
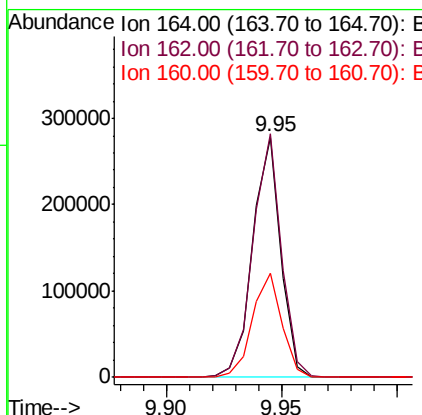
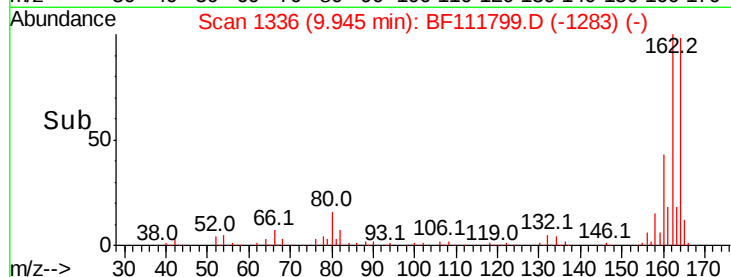
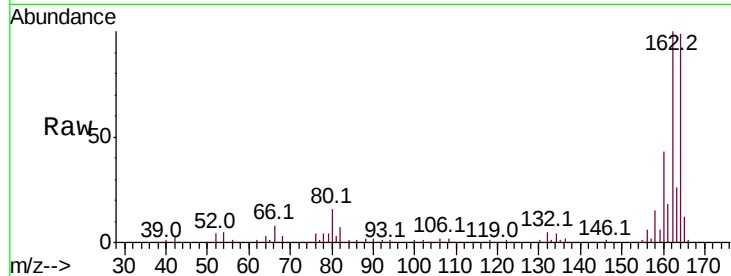
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	236574		
162	101.4	81.4	122.0	
160	43.3	35.7	53.5	

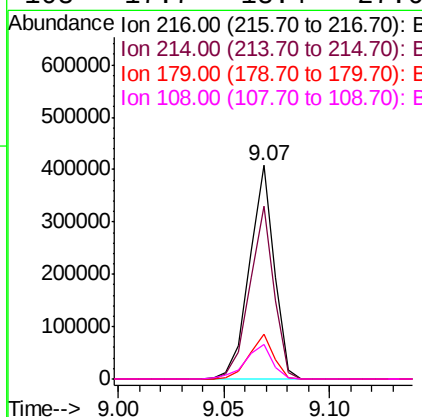
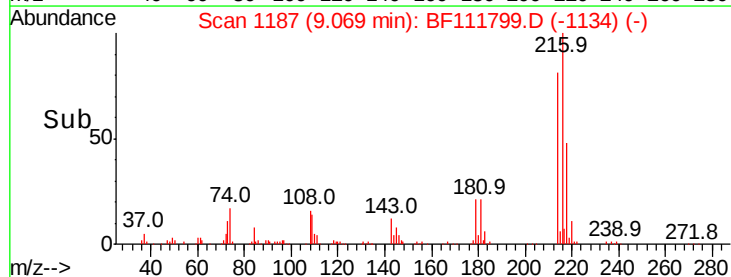
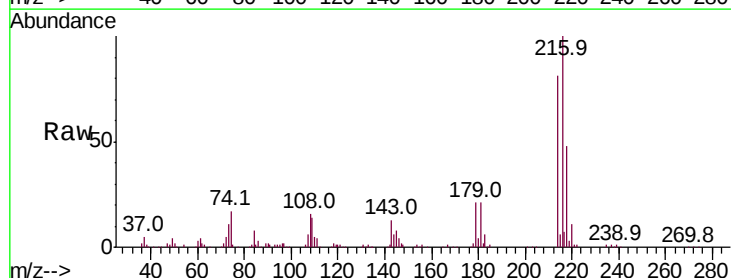
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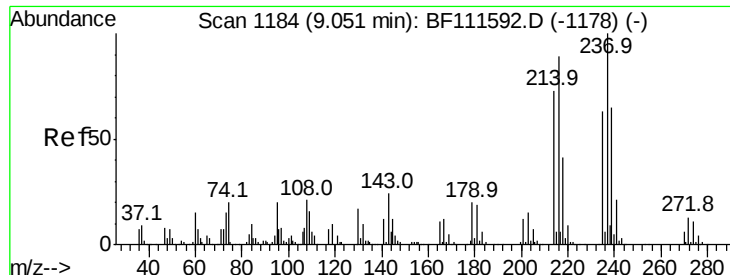
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.696 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	331911		
214	79.3	63.8	95.8	
179	20.9	17.9	26.9	
108	17.7	18.4	27.6#	





#41

Hexachlorocyclopentadiene

Concen: 41.315 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

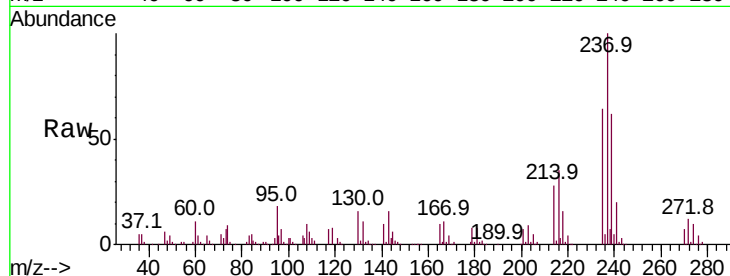
ClientSampleId :

PB116072BS

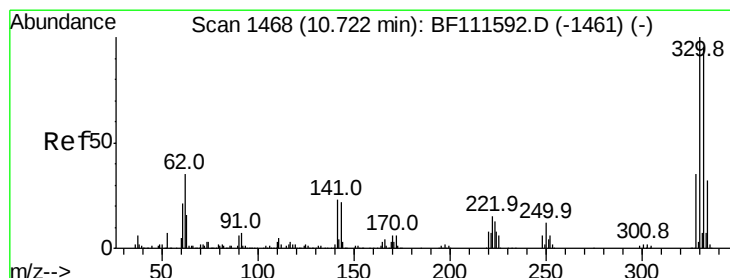
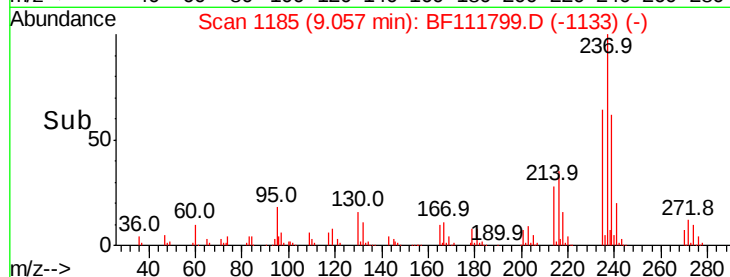
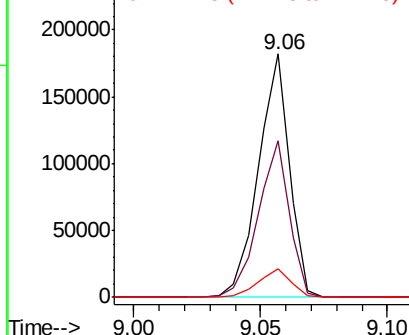
Tot Ion:	237	Resp:	155855
Ion Ratio		Lower	Upper
237	100		
235	64.5	43.1	83.1
272	12.0	0.0	33.0

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 104.046 ng

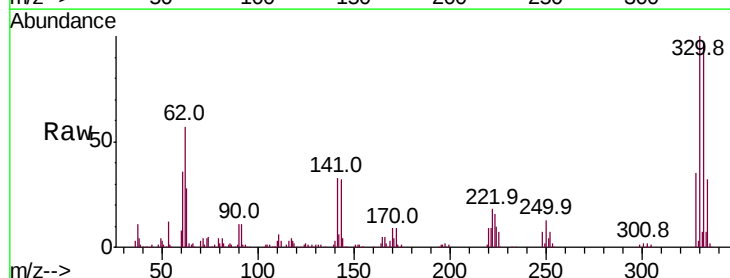
RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

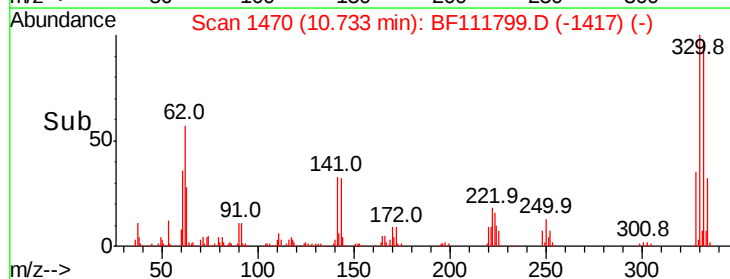
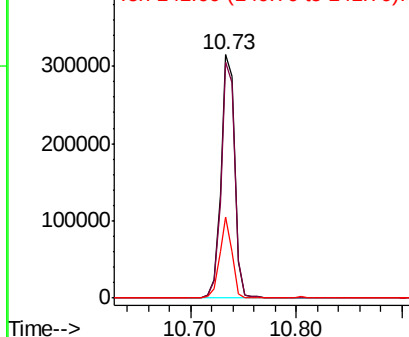
Lab File: BF111799.D

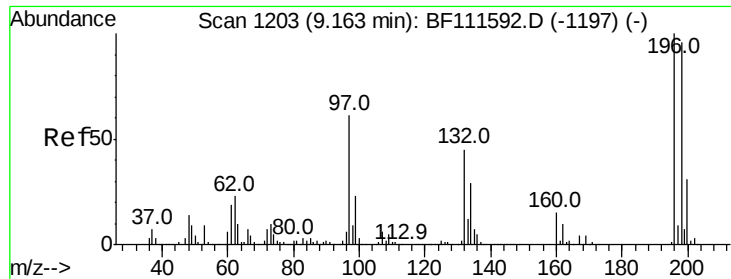
Acq: 28 Dec 2018 20:01

Tgt Ion:	330	Resp:	290841
Ion Ratio		Lower	Upper
330	100		
332	96.6	76.0	114.0
141	30.3	31.0	46.6#



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





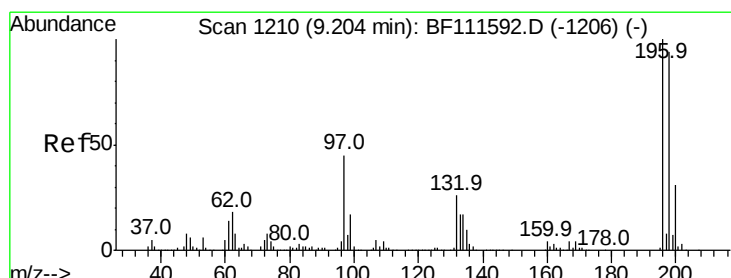
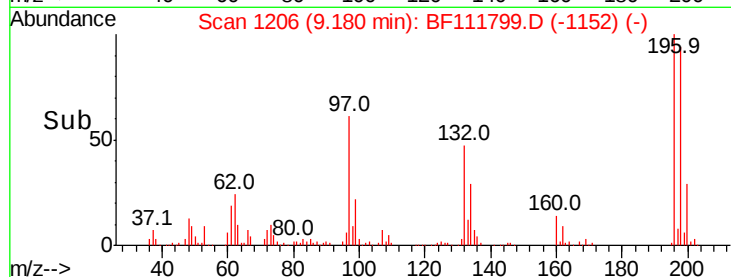
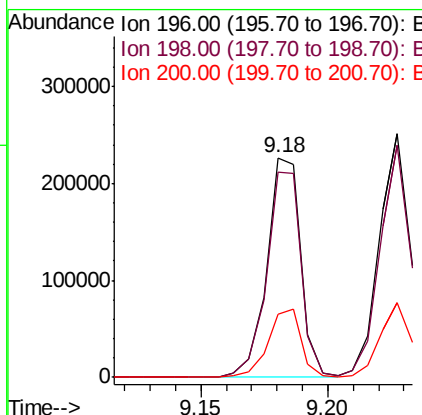
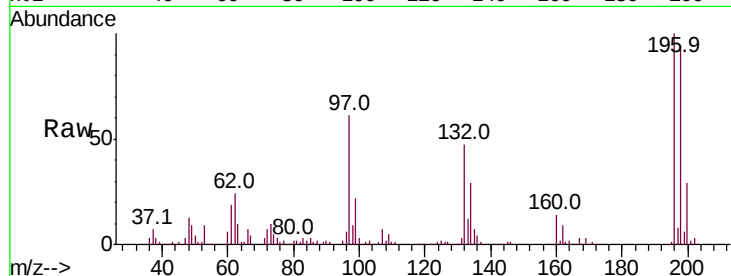
#43
 2,4,6-Trichlorophenol
 Concen: 41.124 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	213444		
198	93.6	76.3	114.5	
200	28.7	24.9	37.3	

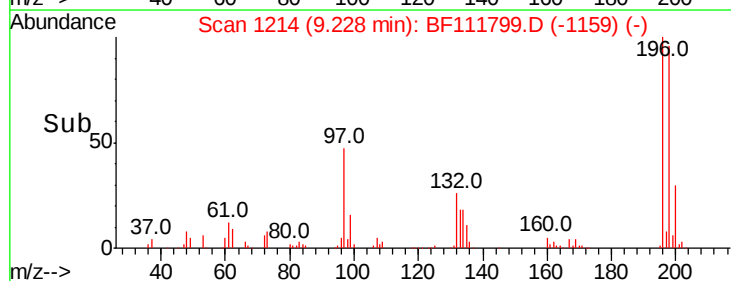
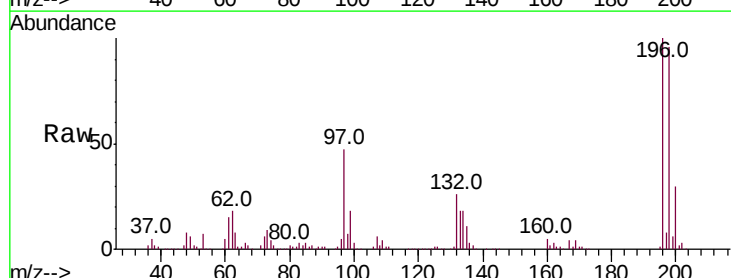
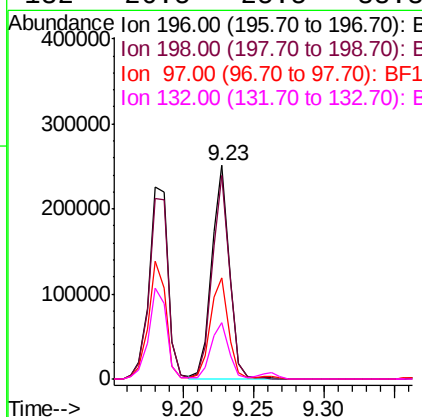
Manual Integrations
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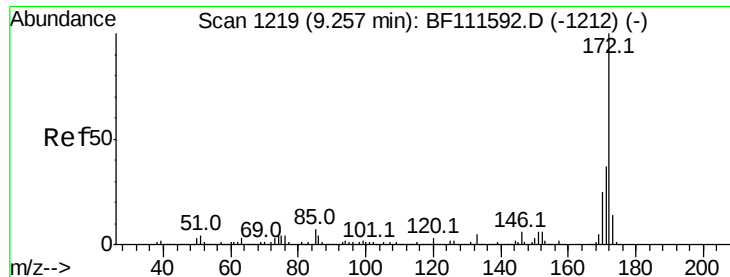
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 40.953 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218059		
198	95.5	72.9	109.3	
97	47.2	45.3	67.9	
132	26.5	25.5	38.3	





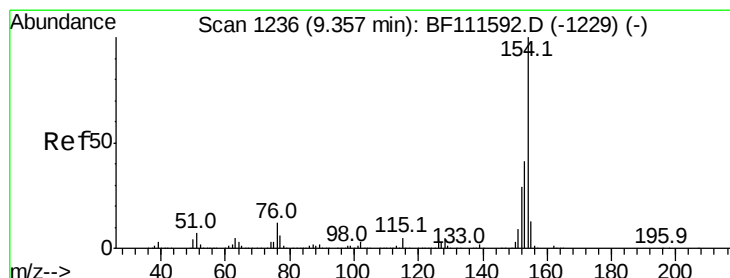
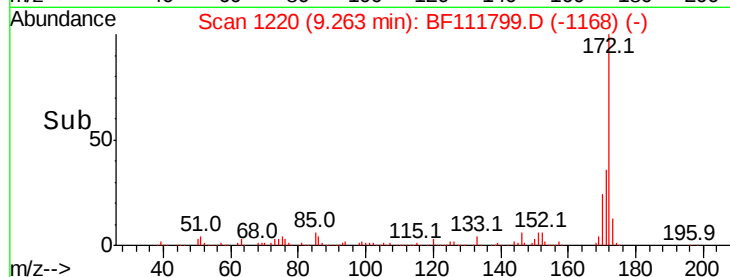
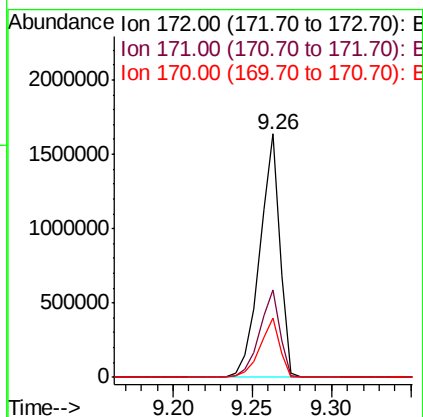
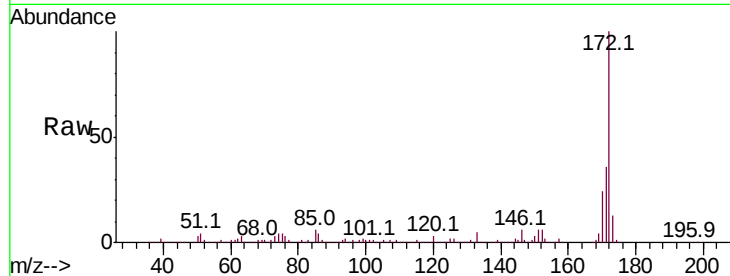
#45
2-Fluorobiphenyl
Concen: 89.681 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	33.0	49.4
170	24.2	22.3	33.5

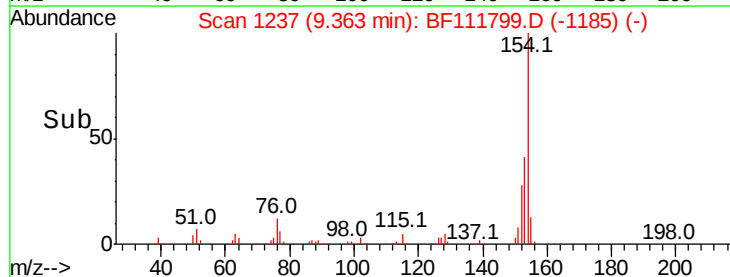
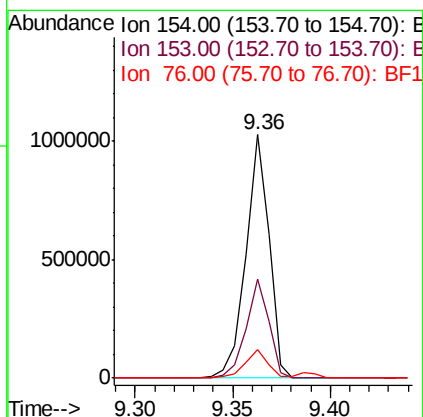
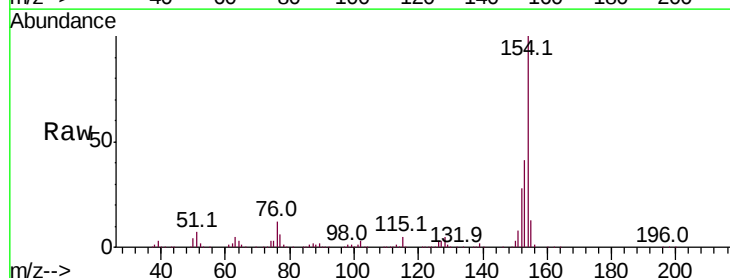
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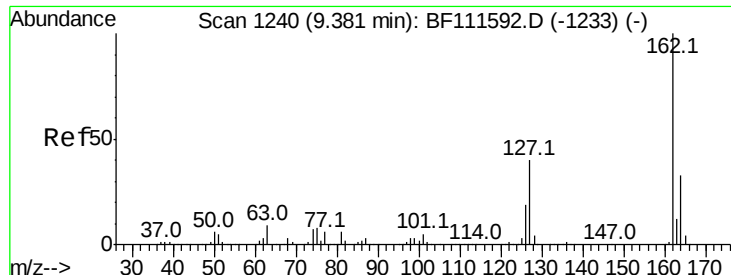
Sohil
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#46
1,1'-Biphenyl
Concen: 42.312 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	23.7	63.7
76	11.7	0.0	35.0





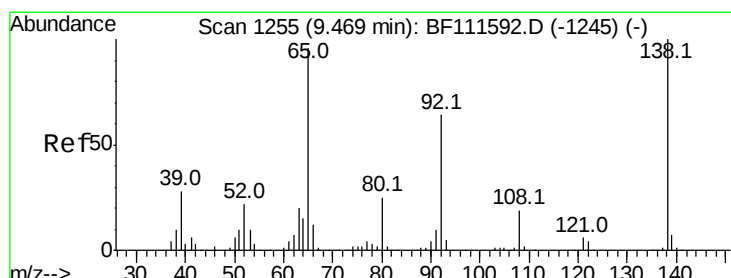
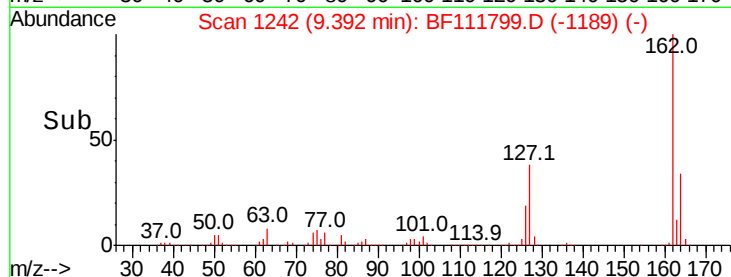
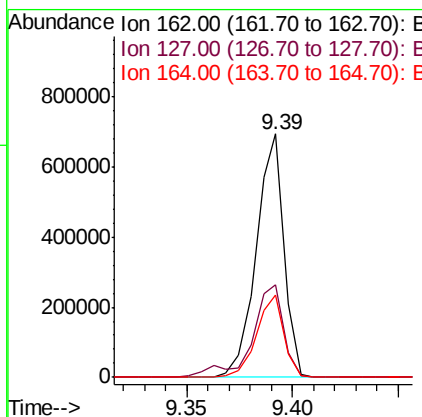
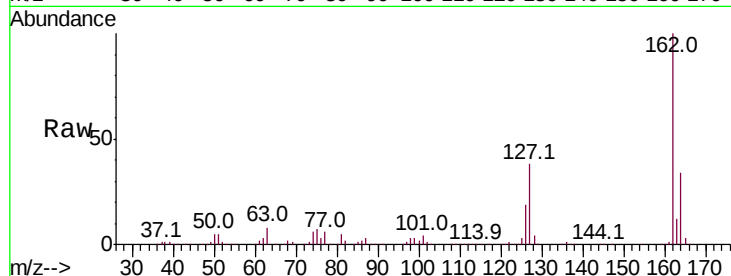
#47
 2-Chloronaphthalene
 Concen: 40.021 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	35.0	52.4
164	33.7	28.4	42.6

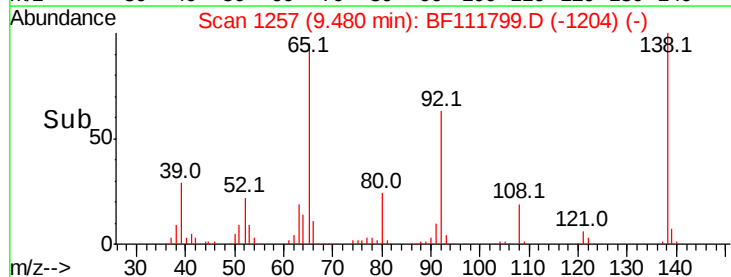
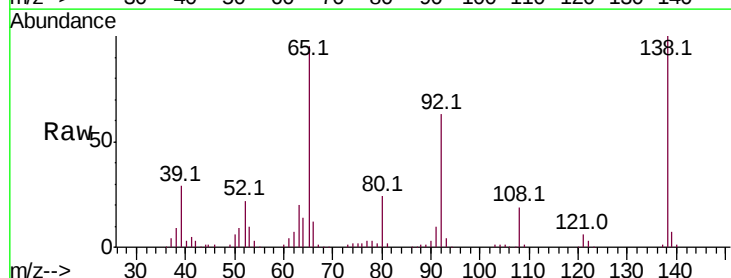
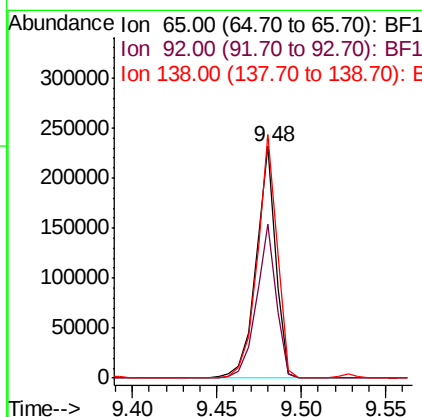
Manual Integrations
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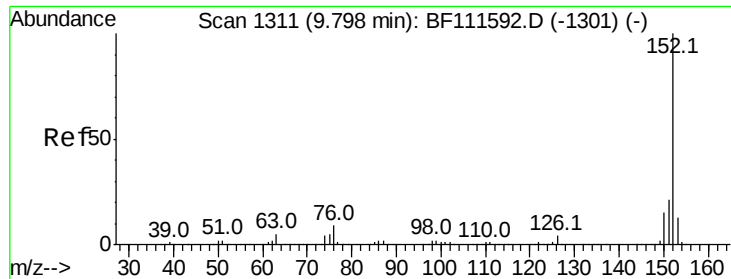
Sohil
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#48
 2-Nitroaniline
 Concen: 45.787 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.5	80.3
138	105.0	80.9	121.3





#49

Acenaphthylene

Concen: 41.274 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

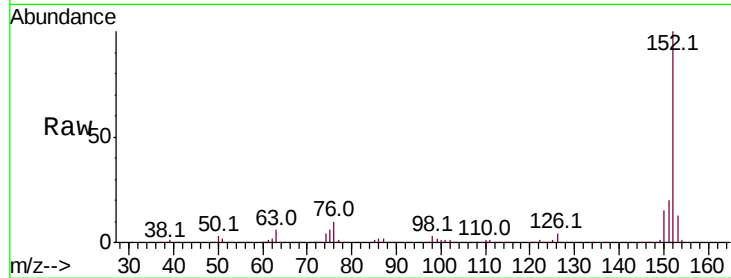
ClientSampleId :

PB116072BS

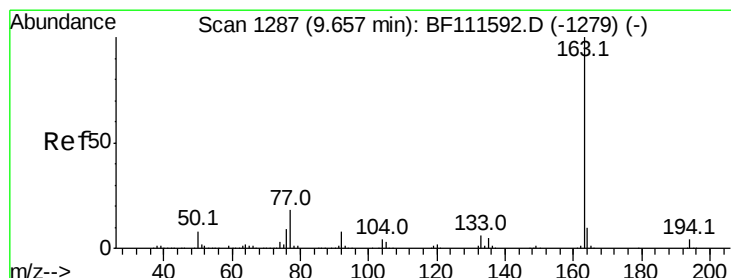
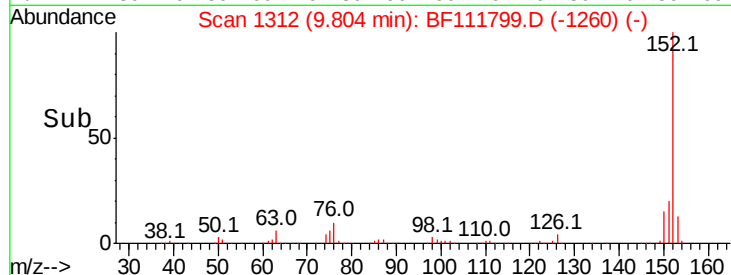
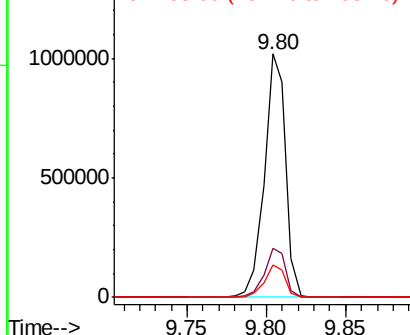
Tot Ion:	152	Resp:	953489
Ion Ratio	Lower	Upper	
152	100		
151	20.3	18.0	27.0
153	13.5	12.3	18.5

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.147 ng

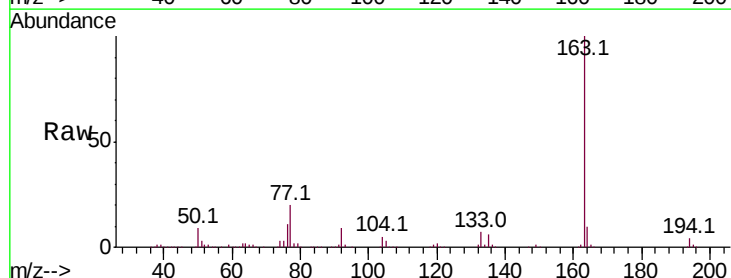
RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

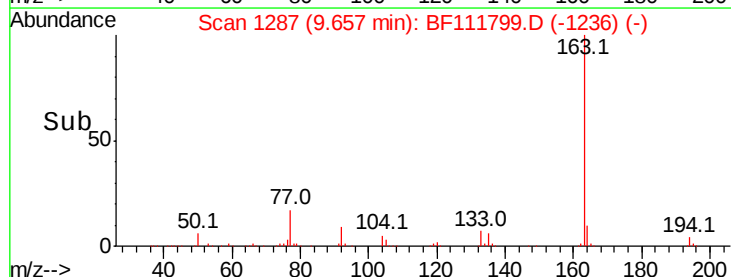
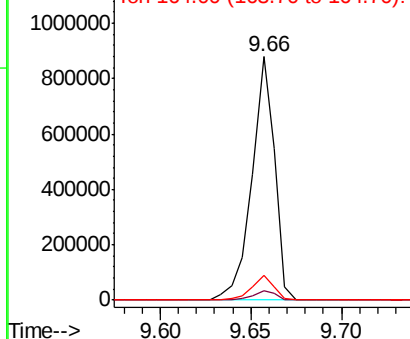
Lab File: BF111799.D

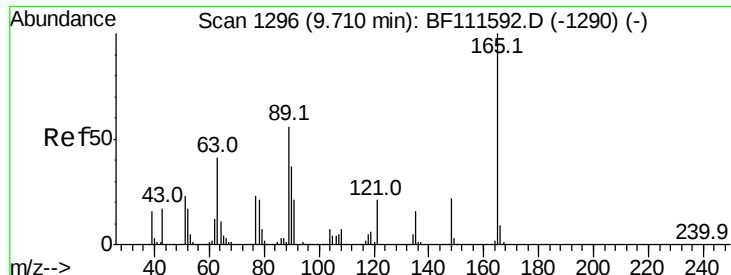
Acq: 28 Dec 2018 20:01

Tgt Ion:	163	Resp:	763739
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.2	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





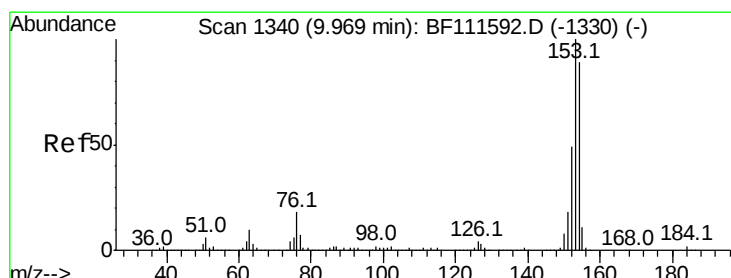
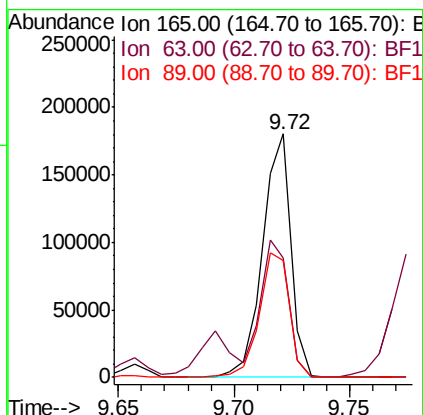
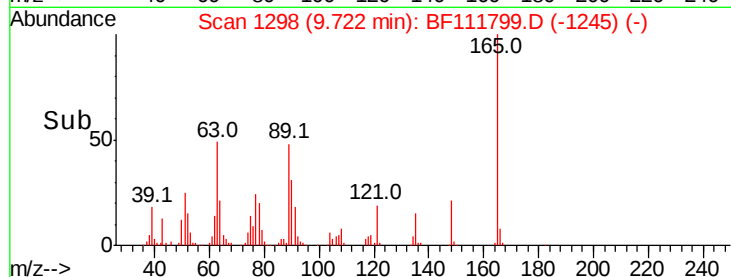
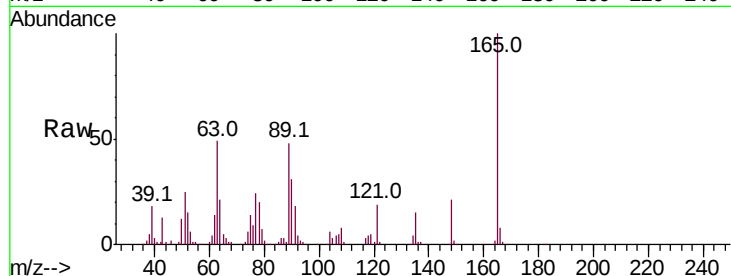
#51
2,6-Dinitrotoluene
Concen: 44.656 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	154045		
63	49.2		40.5	60.7
89	48.1		40.0	60.0

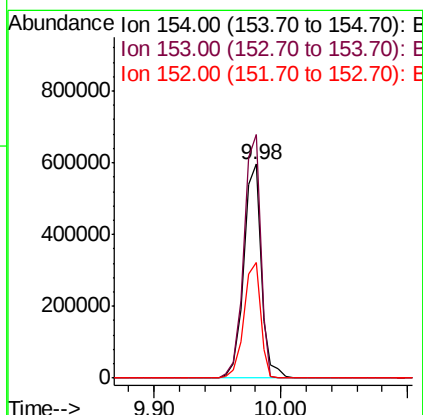
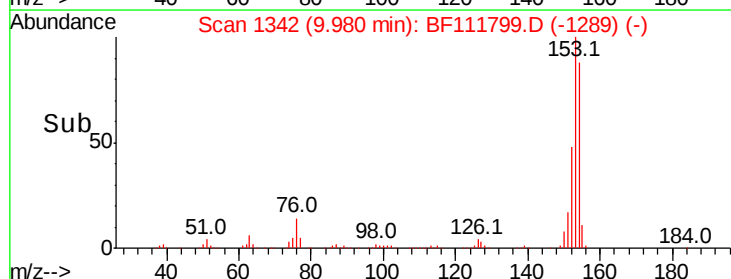
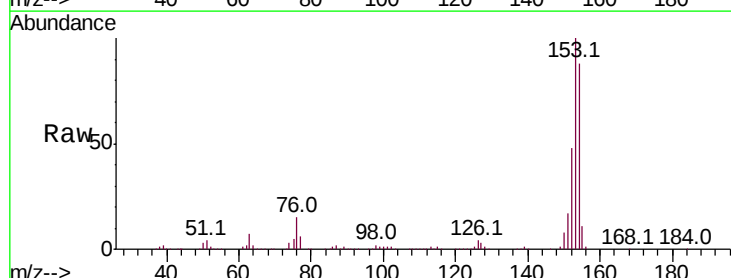
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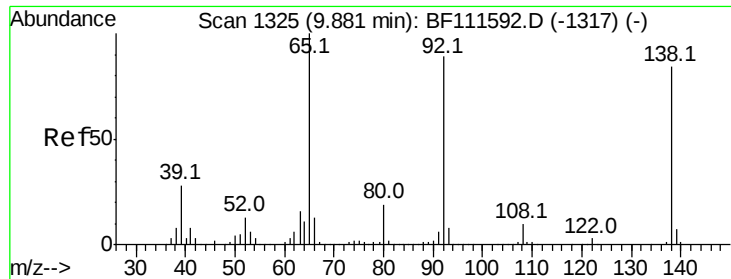
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#52
Acenaphthene
Concen: 39.928 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	568903		
153	113.8		87.8	131.8
152	54.1		43.4	65.2





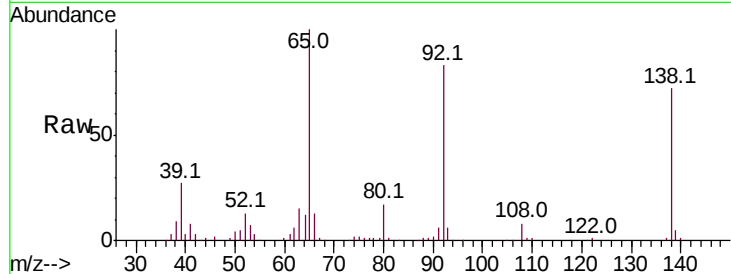
#53
 3-Nitroaniline
 Concen: 19.441 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.2	12.4
92	115.7	93.4	140.2

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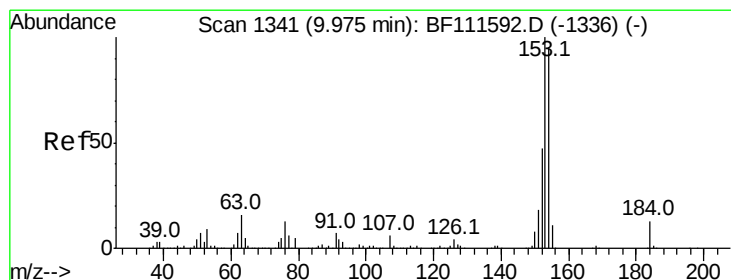
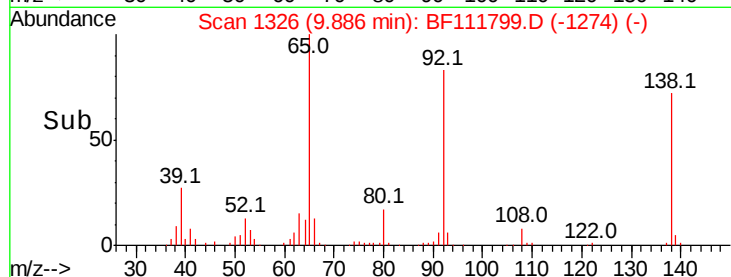
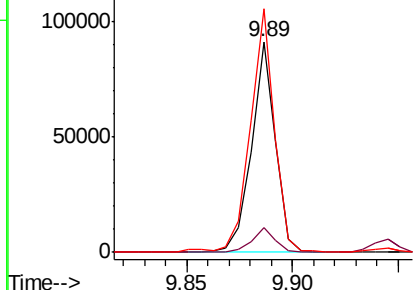


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 46.503 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.02 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

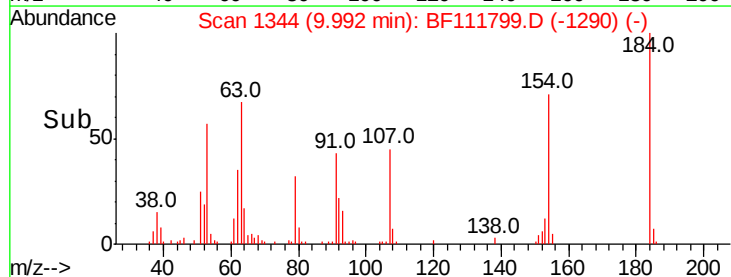
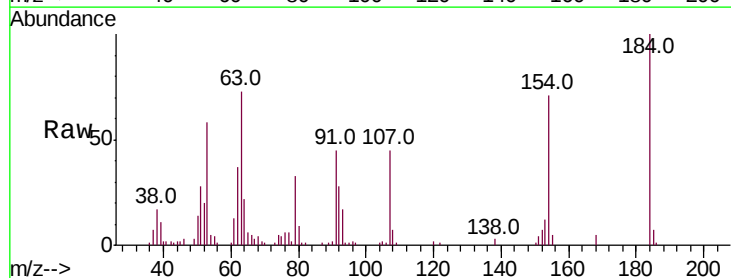
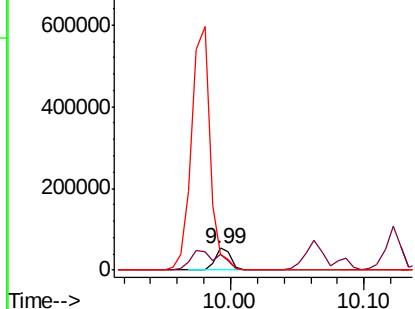
Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.6	62.3	93.5
154	70.9	56.2	84.2

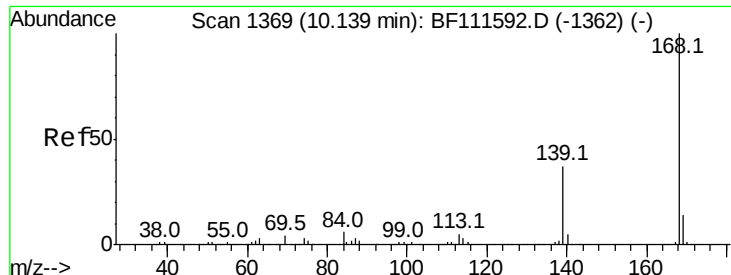
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





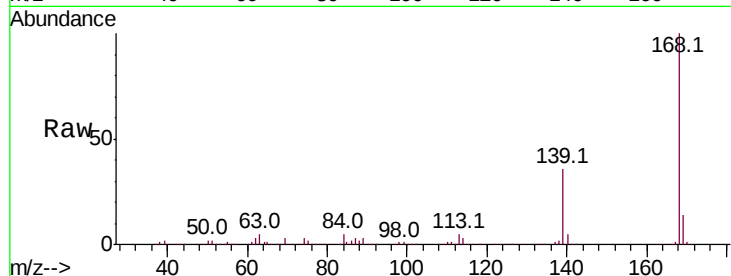
#55
Dibenzenofuran
Concen: 38.335 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	825205		
139	36.5		32.6	49.0
169	13.6		11.8	17.6

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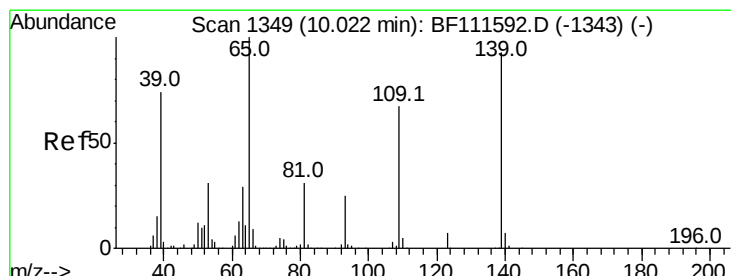
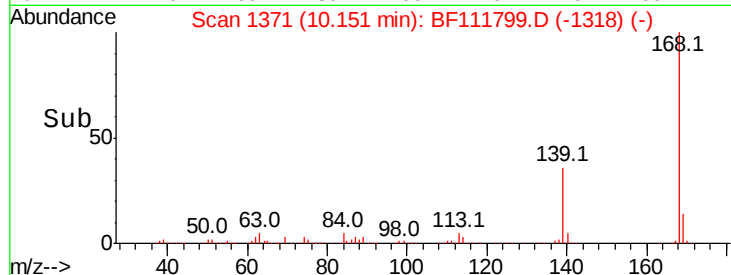
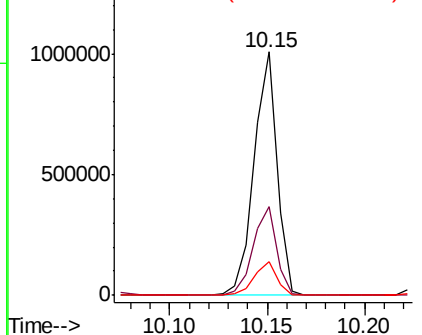


Abundance

Ion 168.00 (167.70 to 168.70): E

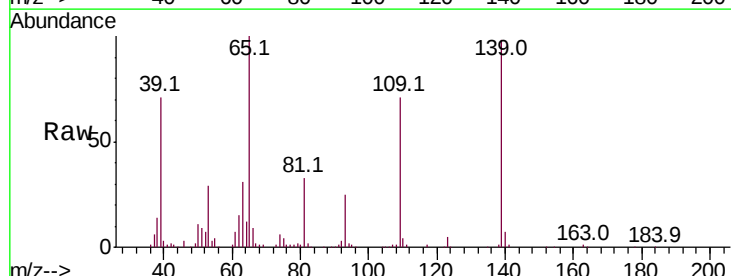
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.630 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	209532		
109	72.0		41.8	81.8
65	102.0		79.6	119.6

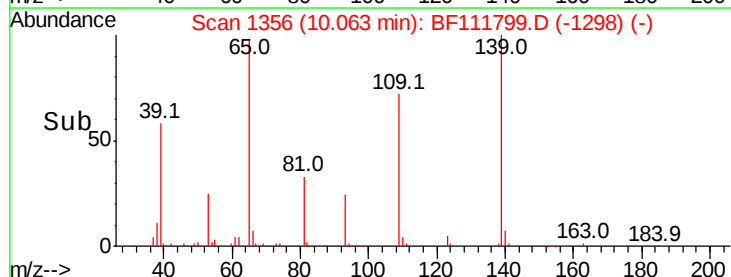
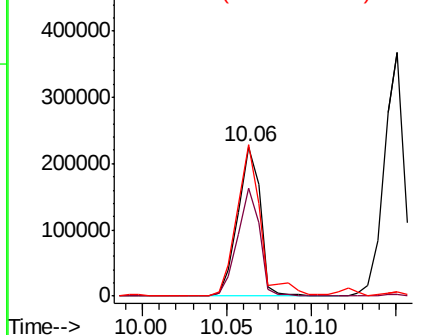


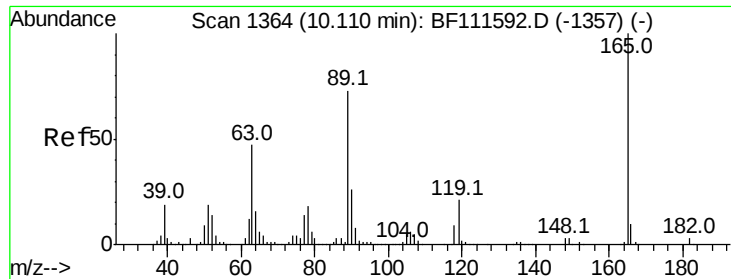
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





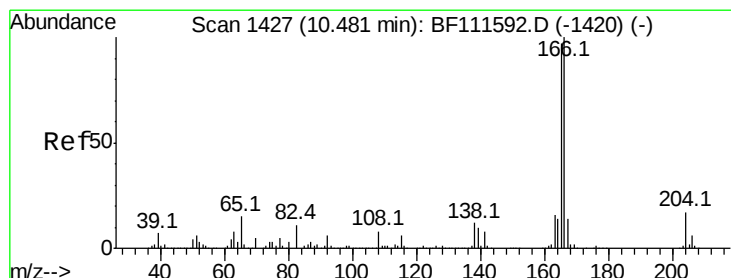
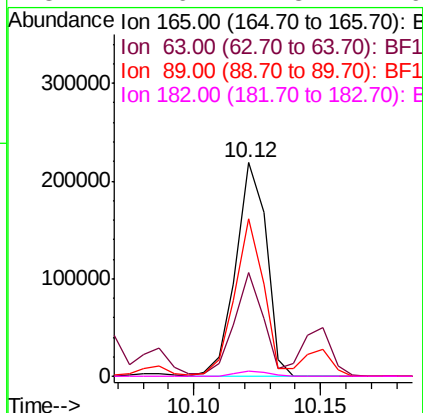
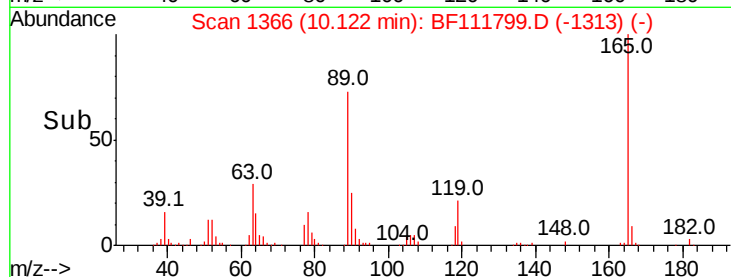
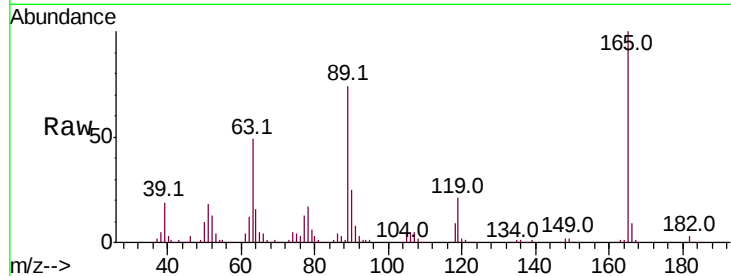
#57
2,4-Dinitrotoluene
Concen: 44.480 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		184414		
63	48.6	34.6	52.0		
89	73.8	56.2	84.4		
182	2.6	1.8	2.6		

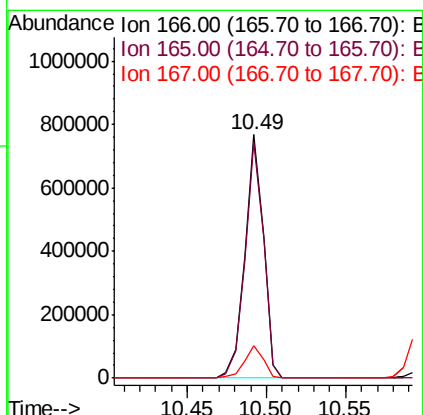
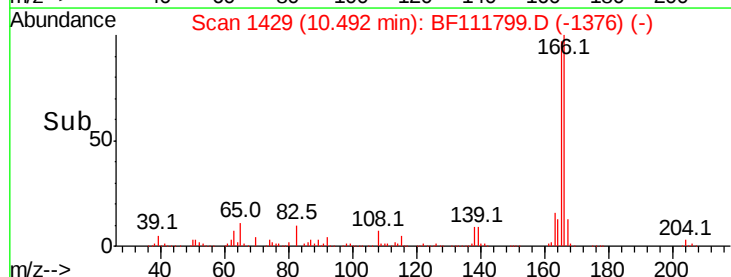
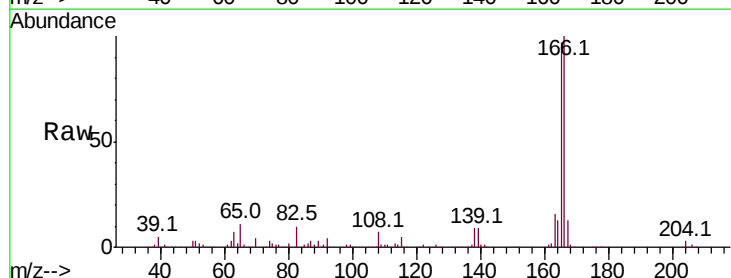
Manual Integrations
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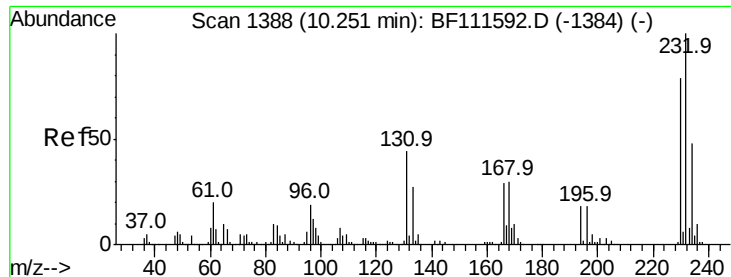
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#58
Fluorene
Concen: 39.772 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		616922		
165	96.9	78.4	117.6		
167	13.4	11.2	16.8		





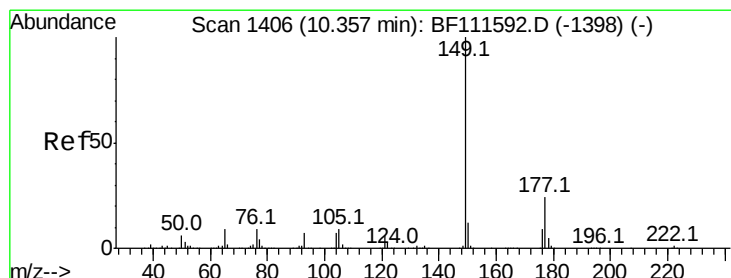
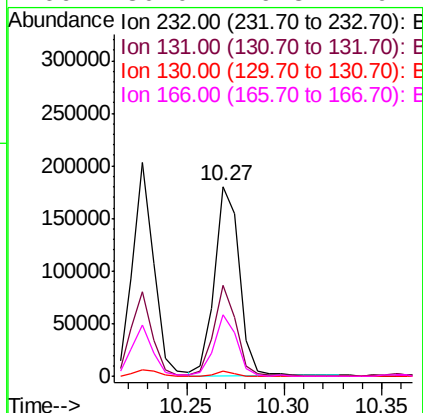
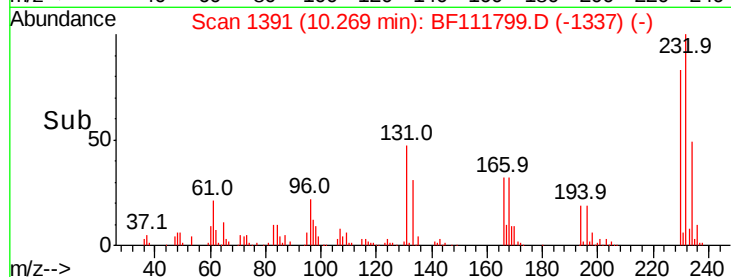
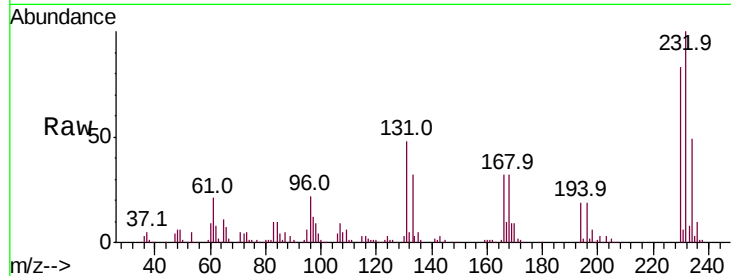
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.609 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.02 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	159561		
131	44.6	40.9	61.3	
130	2.2	2.0	3.0	
166	30.0	26.8	40.2	

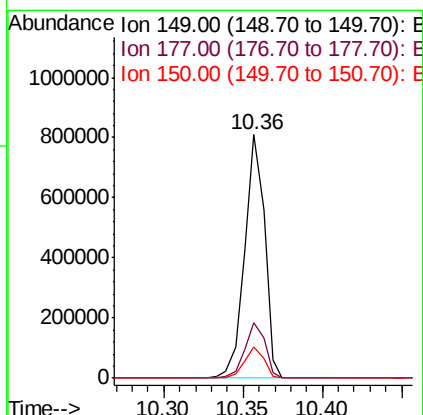
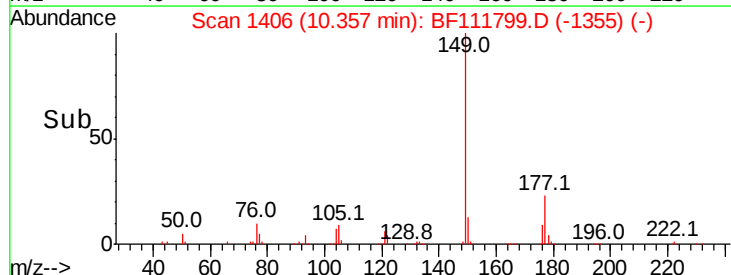
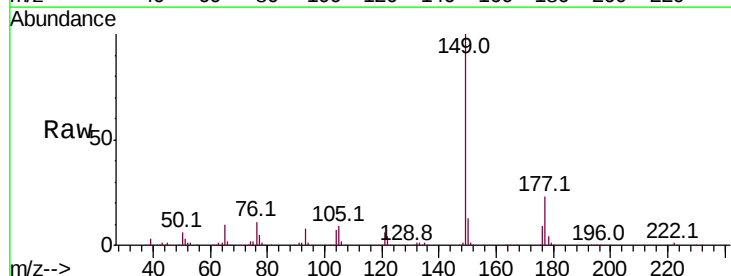
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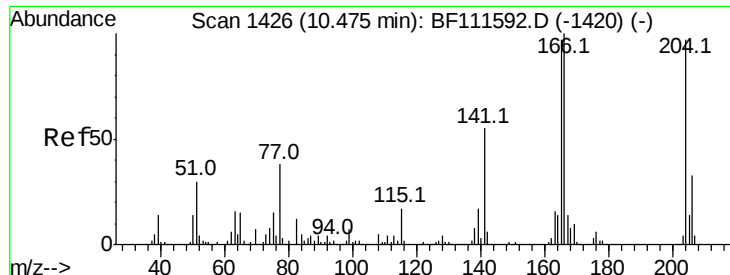
Sohil
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#60
 Diethylphthalate
 Concen: 41.424 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	702975		
177	22.7	18.3	27.5	
150	12.9	10.6	15.8	





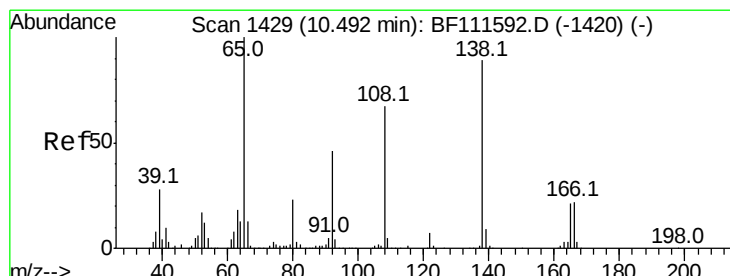
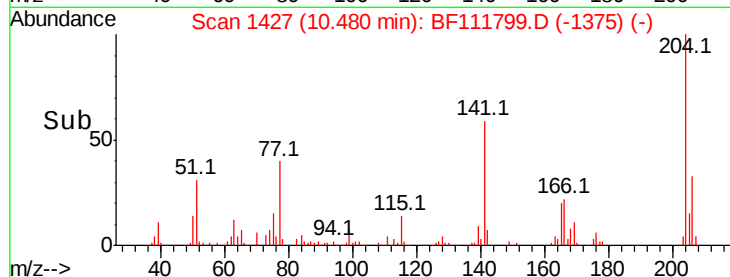
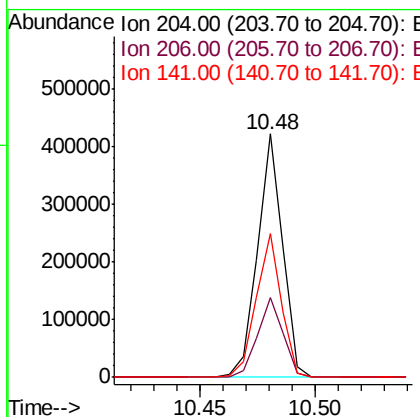
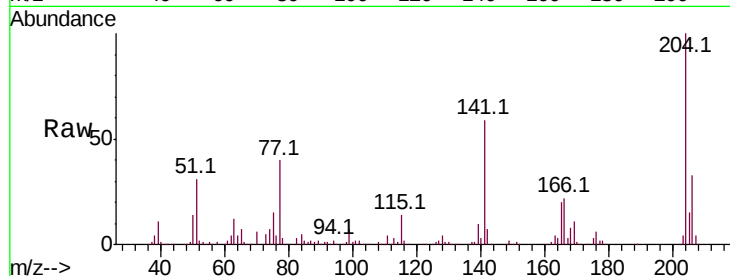
#61
4-Chlorophenyl-phenylether
Concen: 37.534 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampled :
PB116072BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	58.9	52.6	78.8

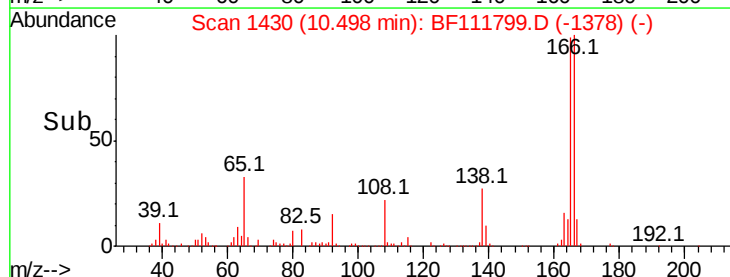
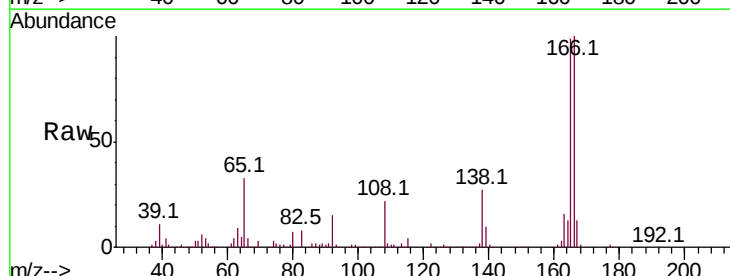
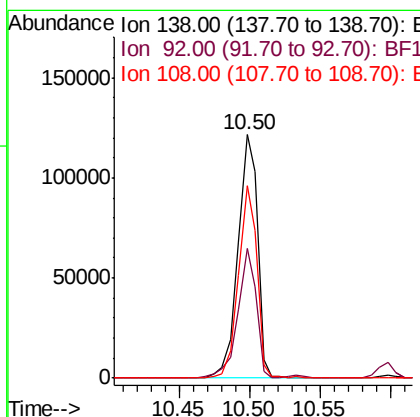
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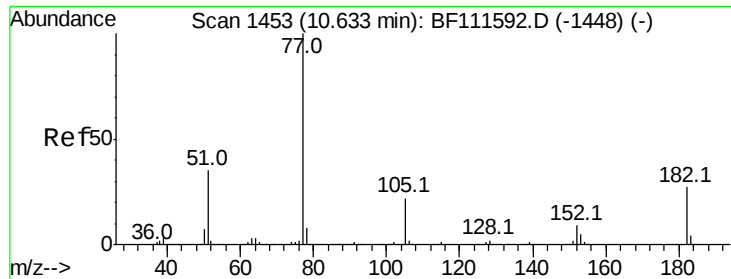
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#62
4-Nitroaniline
Concen: 32.869 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	29.9	69.9
108	79.0	43.2	83.2





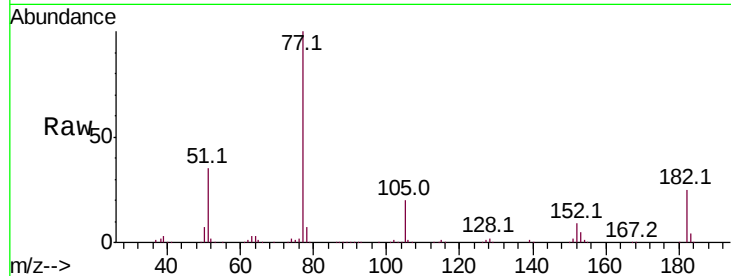
#63
Azobenzene
Concen: 35.231 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampled :
PB116072BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.5	4.9	44.9
105	20.3	6.0	46.0
51	34.9	14.7	54.7

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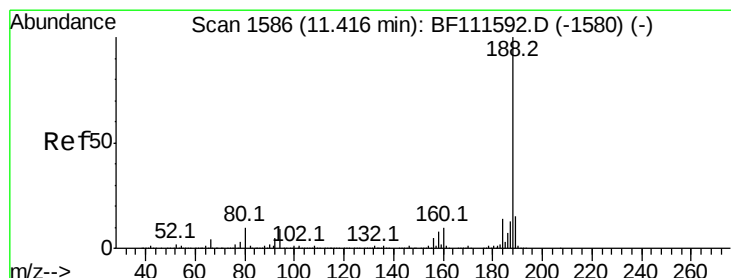
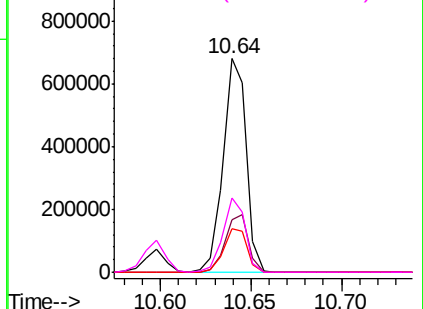
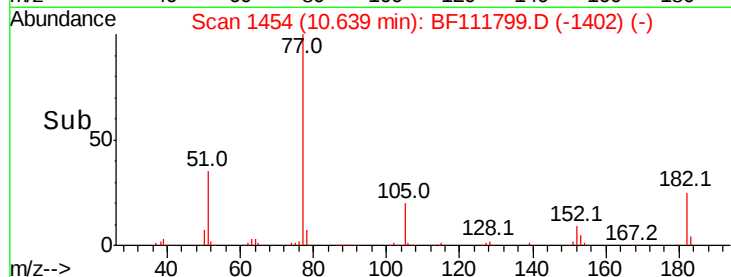
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

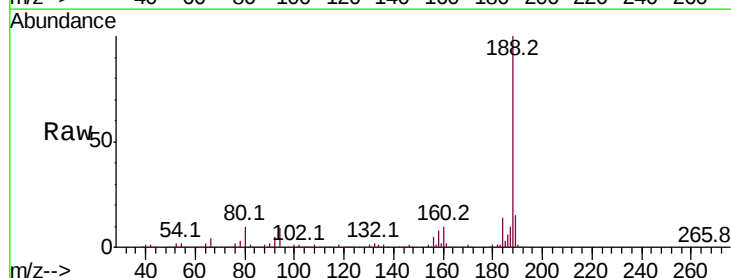
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	10.0	9.8	14.6

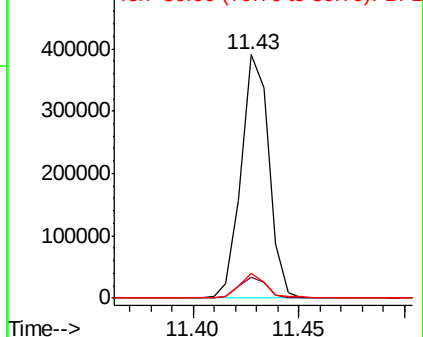
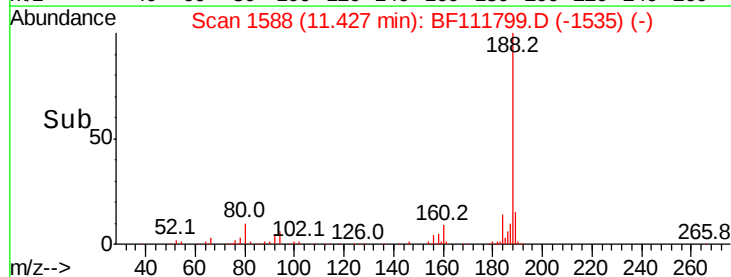


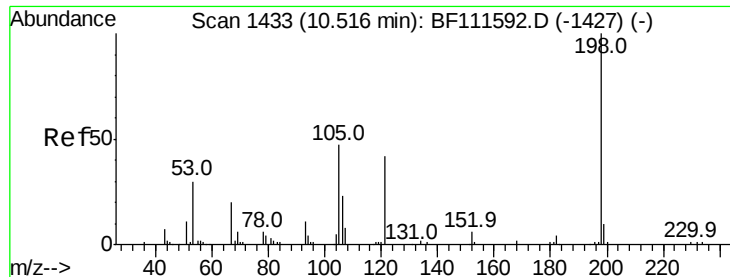
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 27.187 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

ClientSampleId :

PB116072BS

Tot Ion:198 Resp: 34985
Ion Ratio Lower Upper

198 100

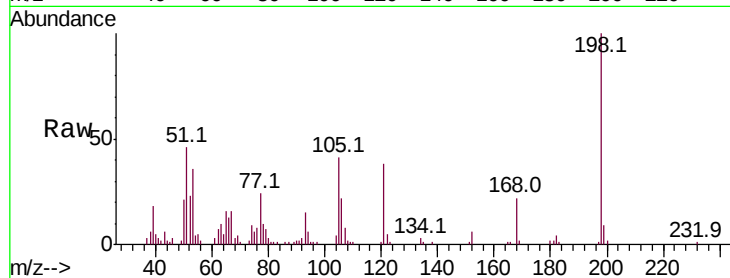
51 46.3 48.0 88.0#

105 41.0 34.0 74.0

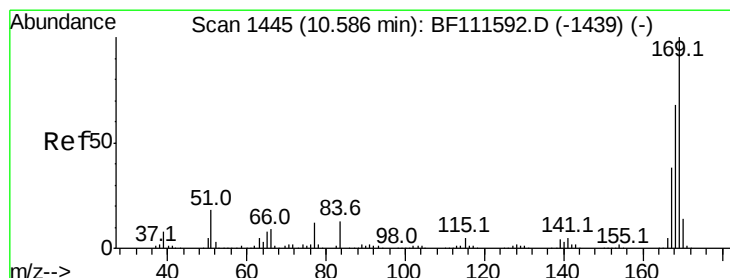
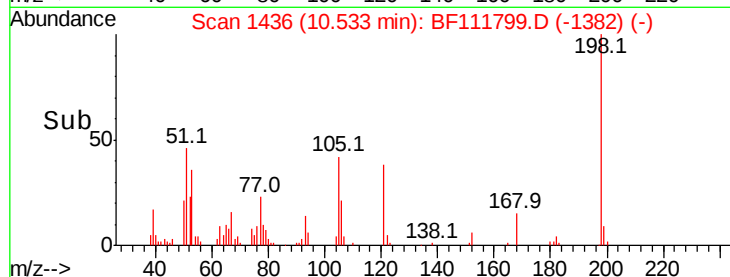
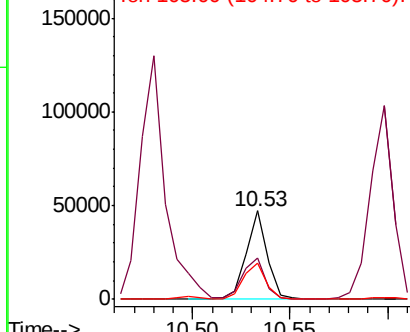
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.319 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111799.D

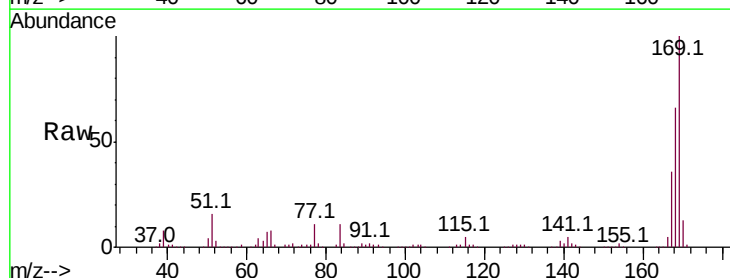
Acq: 28 Dec 2018 20:01

Tgt Ion:169 Resp: 540732
Ion Ratio Lower Upper

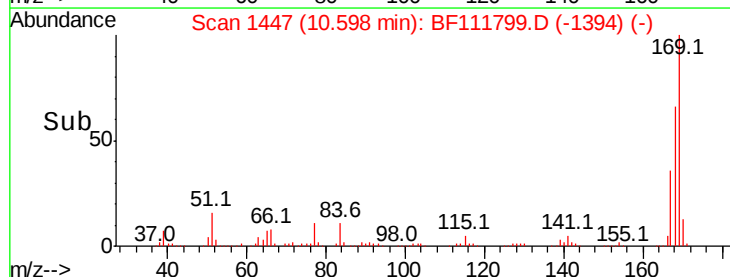
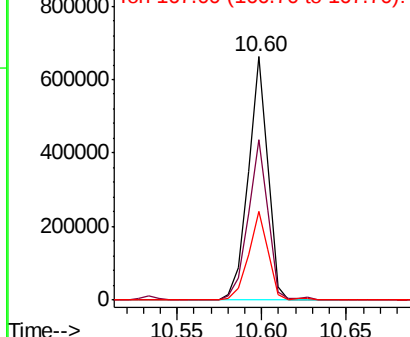
169 100

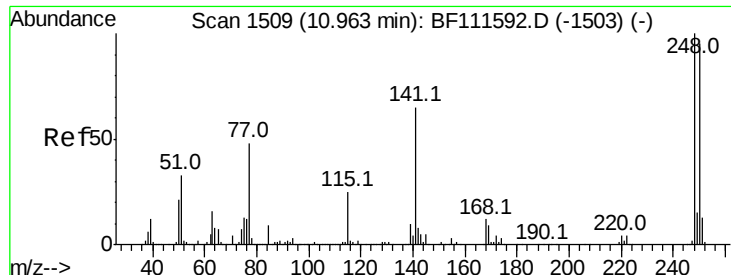
168 66.1 54.4 81.6

167 36.3 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





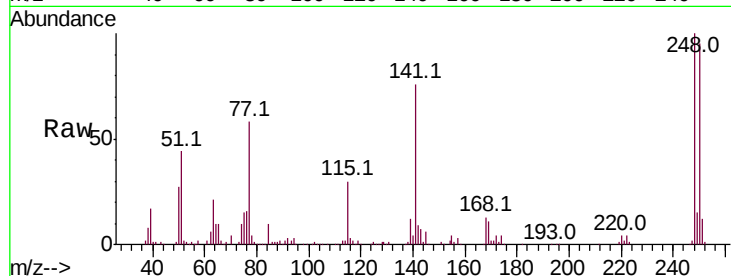
#67
4-Bromophenyl-phenylether
Concen: 42.941 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampled :
PB116072BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.0	115.4
141	76.4	63.0	94.6

Manual Integrations
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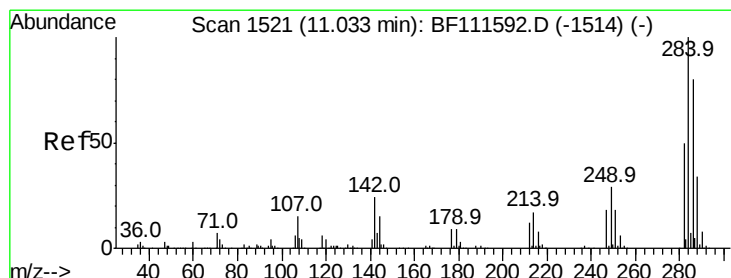
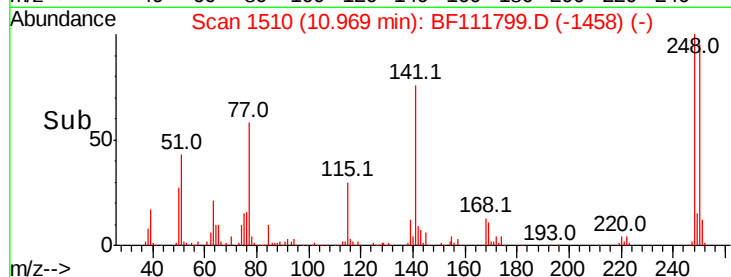
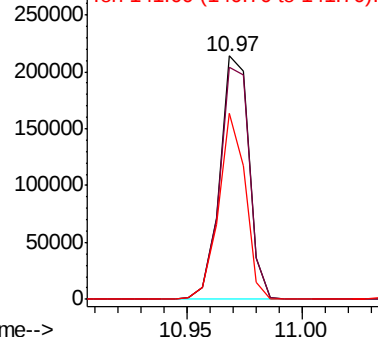


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.230 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

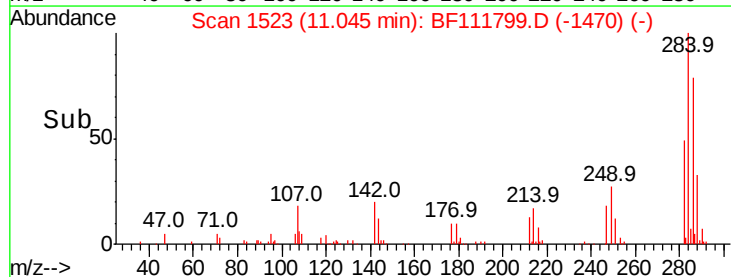
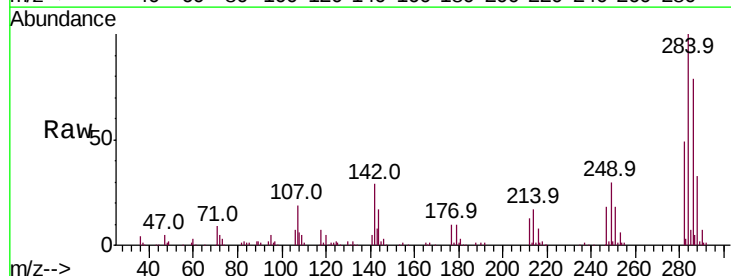
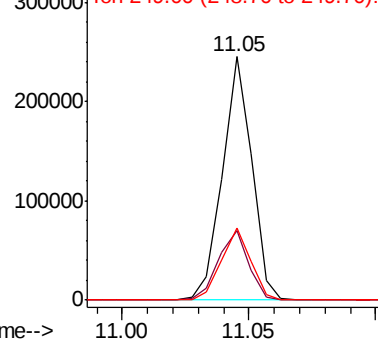
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	27.4	41.2
249	29.8	24.4	36.6

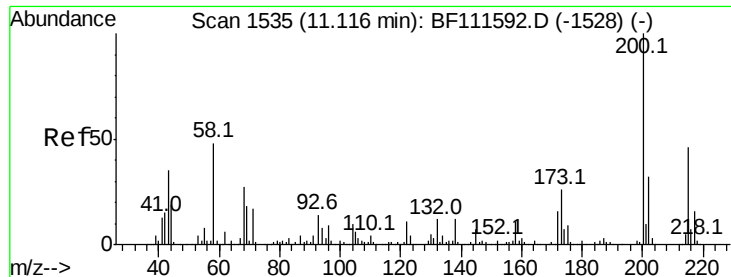
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





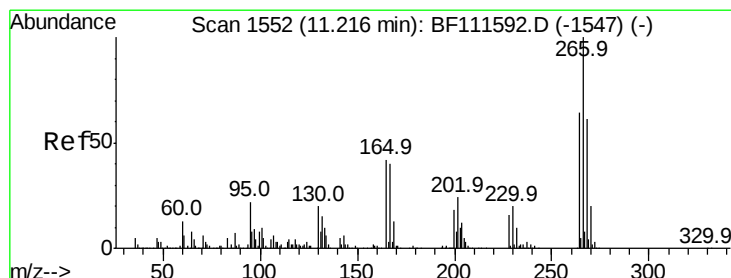
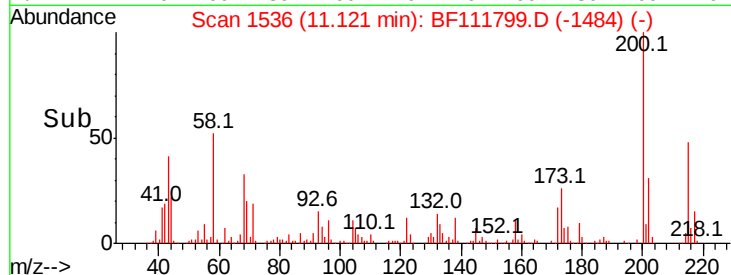
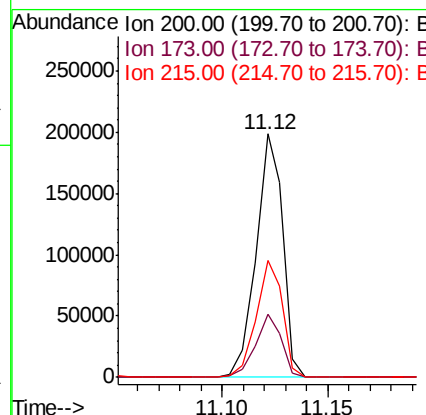
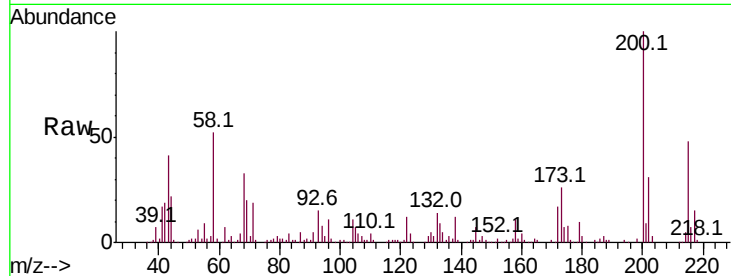
#69
Atrazine
Concen: 41.949 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	10.1	50.1
215	47.9	26.9	66.9

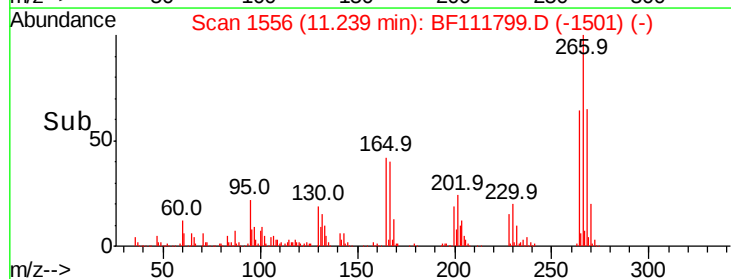
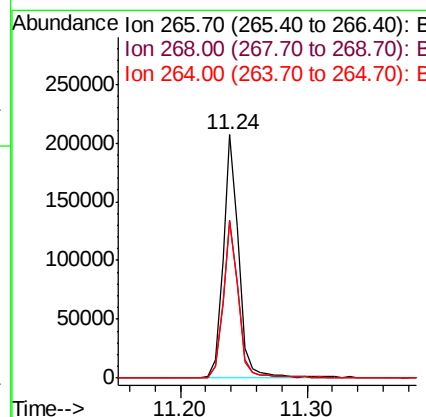
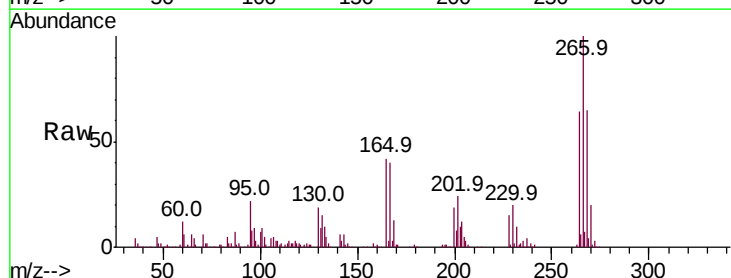
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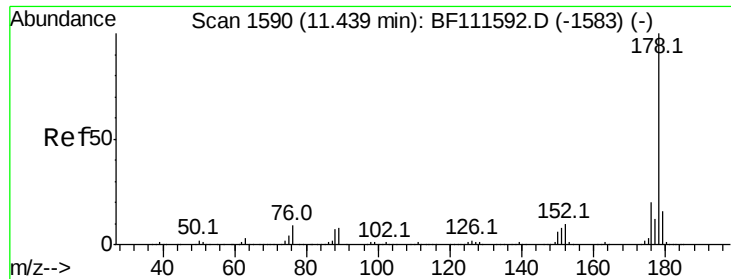
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#70
Pentachlorophenol
Concen: 59.042 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	47.9	71.9
264	64.4	49.1	73.7





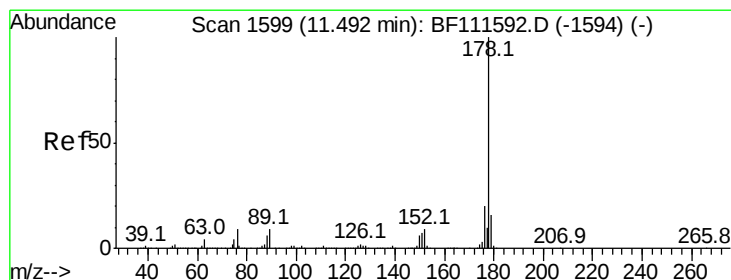
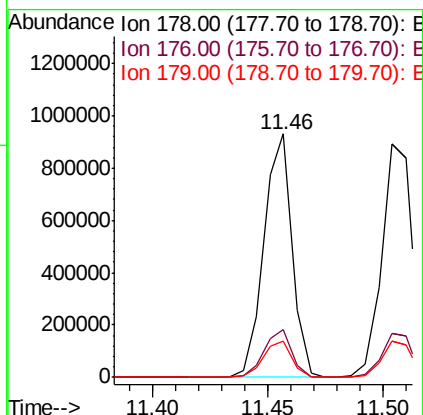
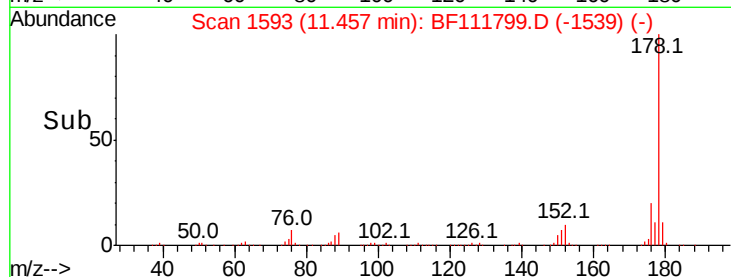
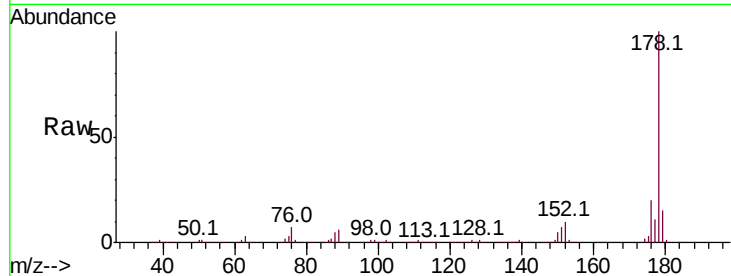
#71
Phenanthrene
Concen: 42.027 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	18.1	27.1
179	15.1	14.0	21.0

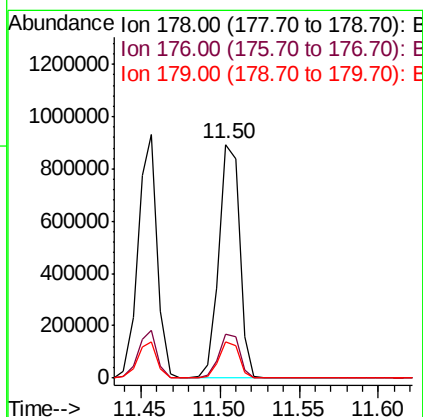
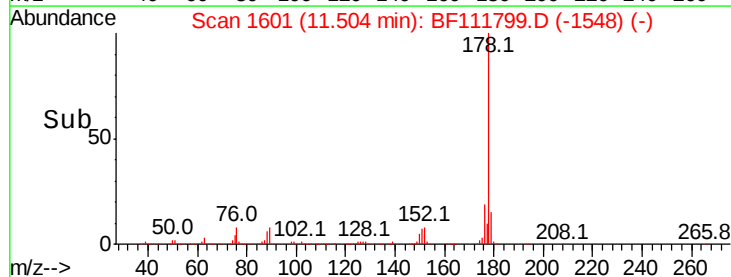
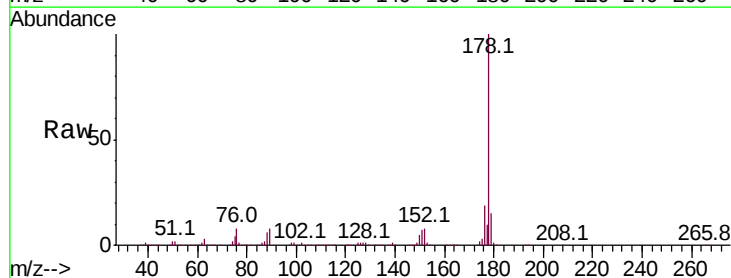
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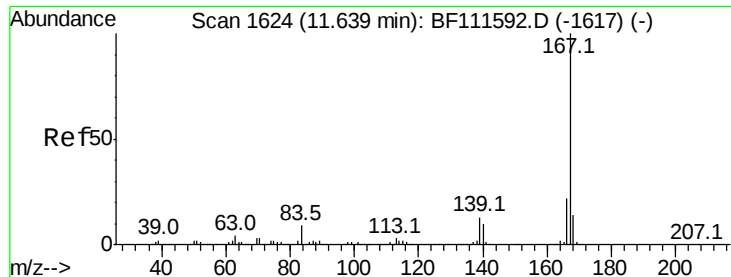
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#72
Anthracene
Concen: 43.083 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	17.2	25.8
179	15.3	13.8	20.8





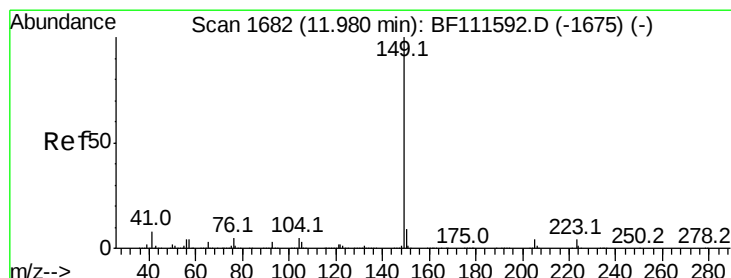
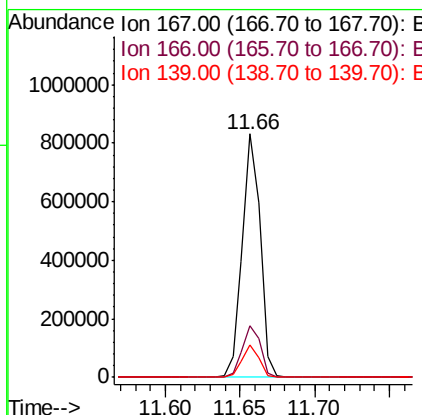
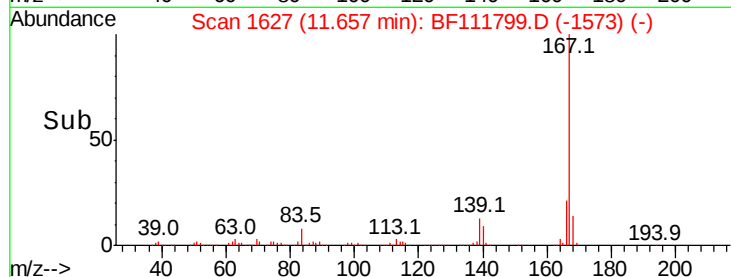
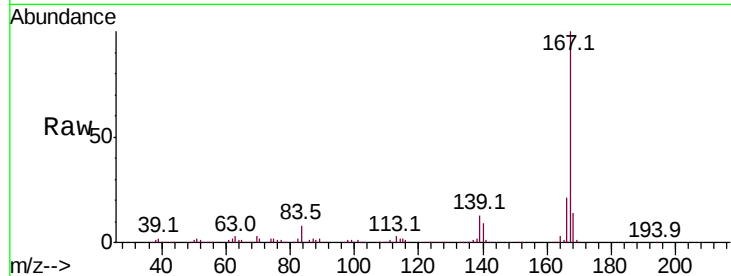
#73
 Carbazole
 Concen: 38.053 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	19.3	28.9
139	13.1	11.9	17.9

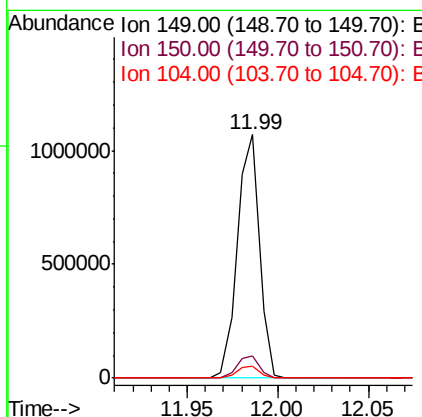
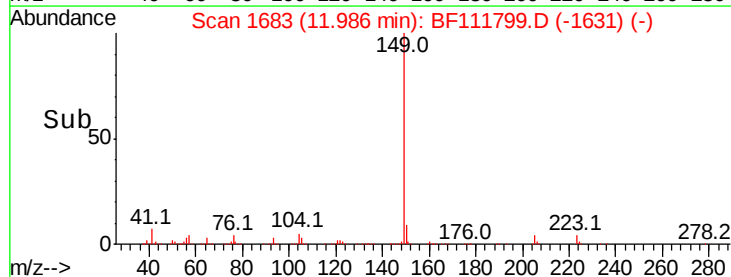
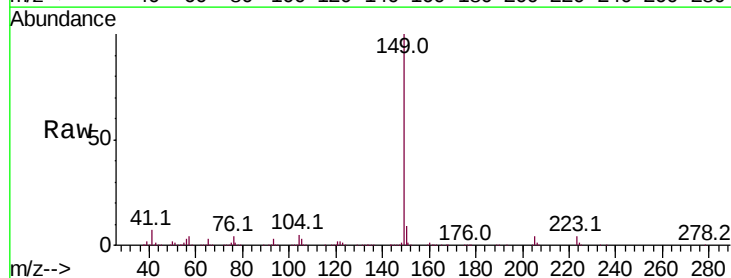
Manual Integrations
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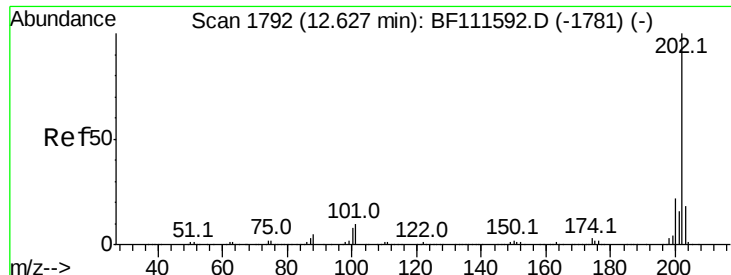
Sohil
 1/2/2019 2:51:43 PM



#74
 Di-n-butylphthalate
 Concen: 44.036 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.8	13.2
104	4.7	4.5	6.7





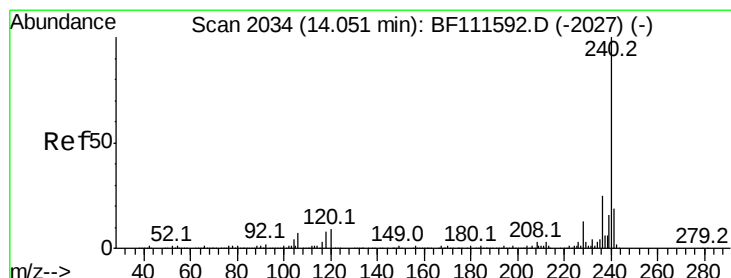
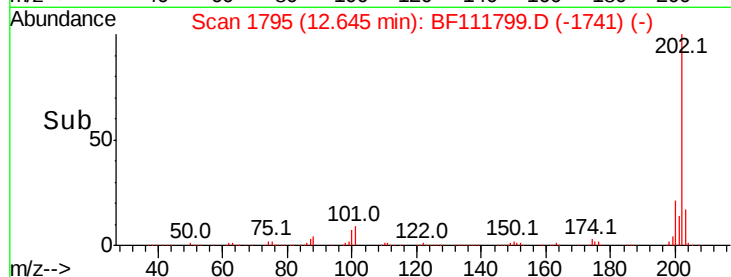
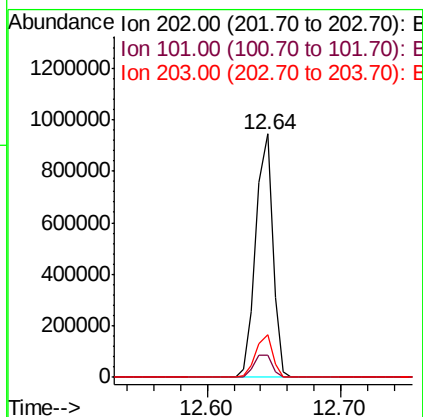
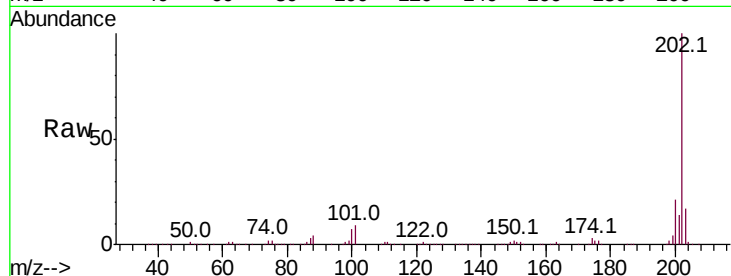
#75
 Fluoranthene
 Concen: 42.952 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. 0.02 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.1	0.0	33.8
203	17.4	0.0	38.6

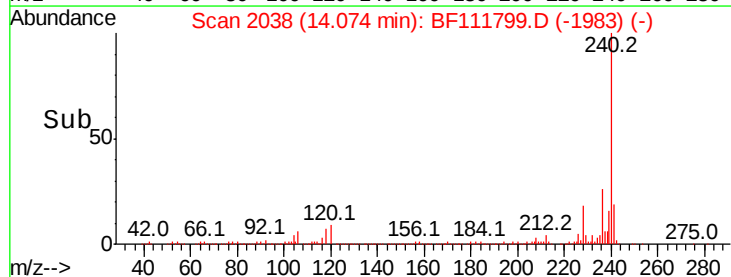
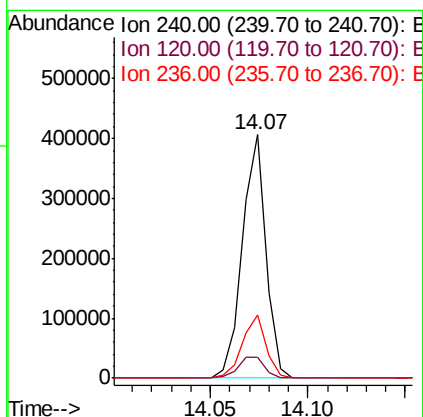
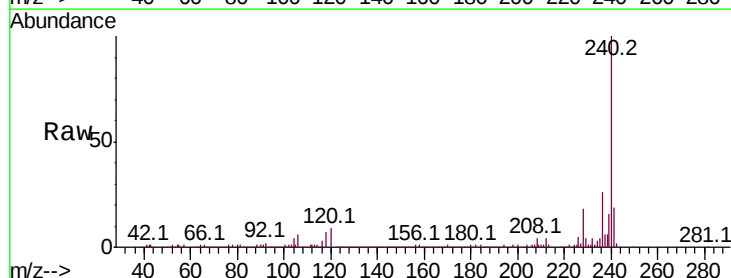
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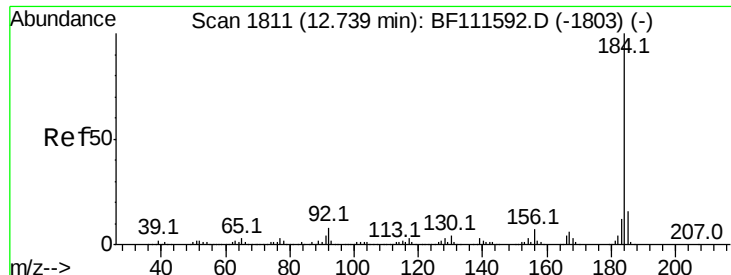
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.02 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.6	12.2	18.2#
236	26.2	20.2	30.2





#77

Benzidine

Concen: 30.710 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

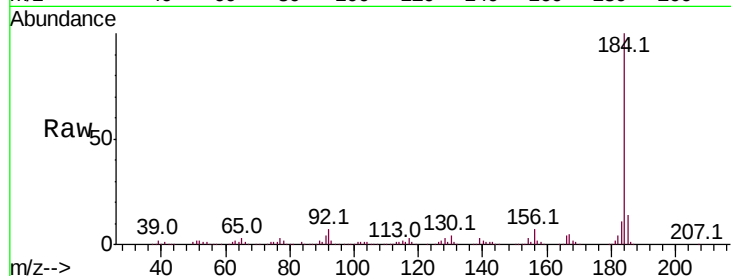
ClientSampleId :

PB116072BS

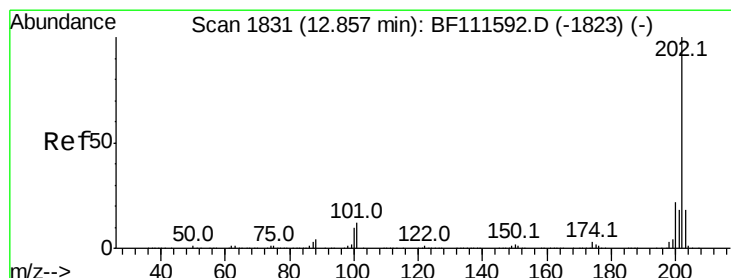
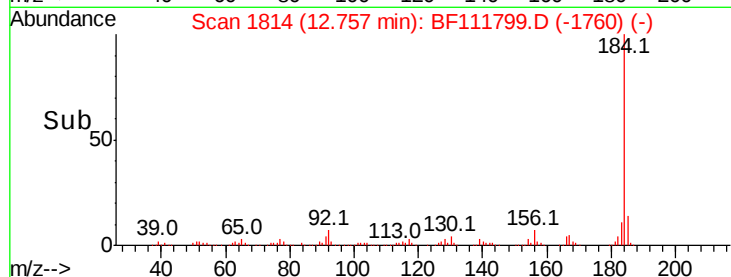
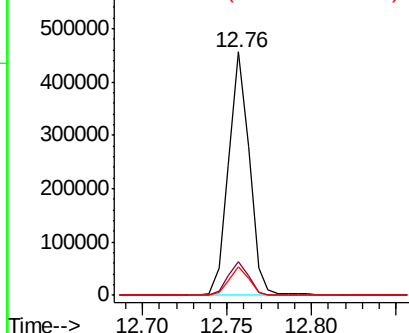
Tot Ion:	184	Resp:	392206
Ion Ratio	Lower	Upper	
184	100		
185	14.0	13.0	19.6
183	11.5	9.3	13.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.188 ng

RT: 12.87 min Scan# 1834

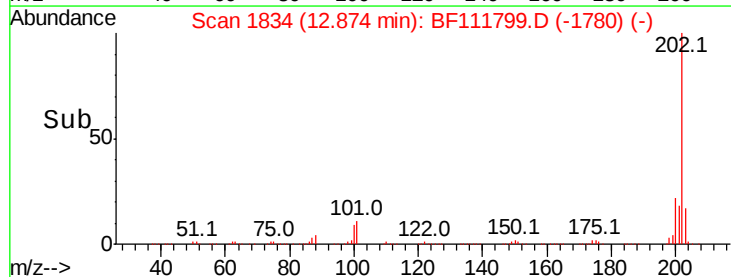
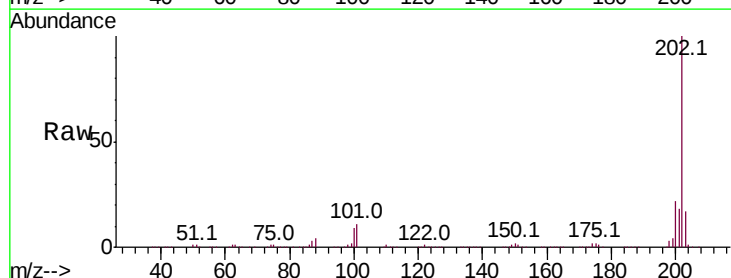
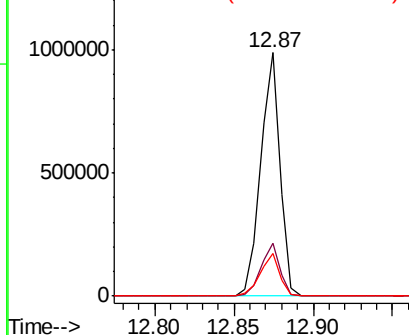
Delta R.T. 0.02 min

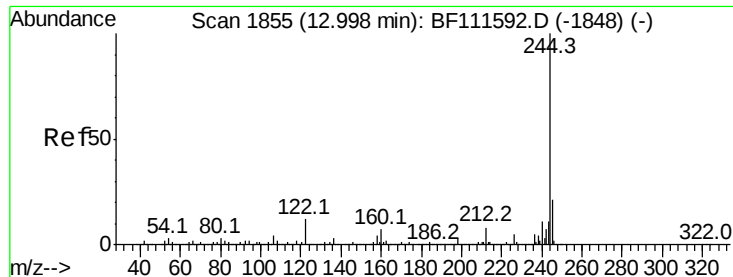
Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Tgt Ion:	202	Resp:	843374
Ion Ratio	Lower	Upper	
202	100		
200	21.6	19.0	28.4
203	17.4	15.2	22.8

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





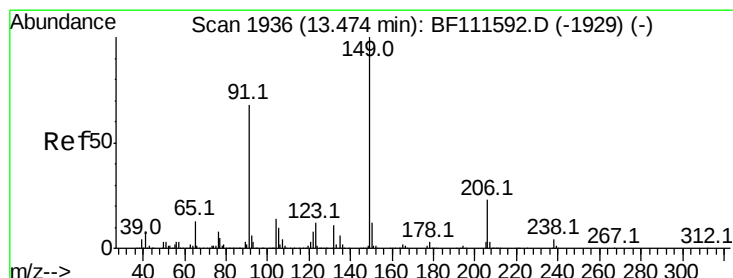
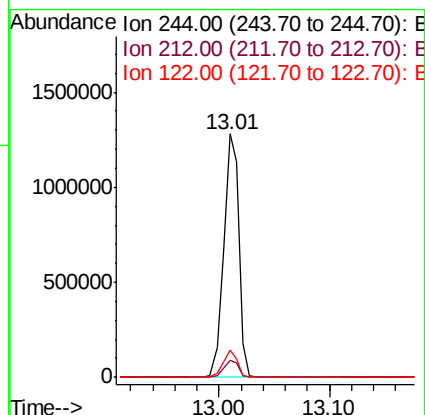
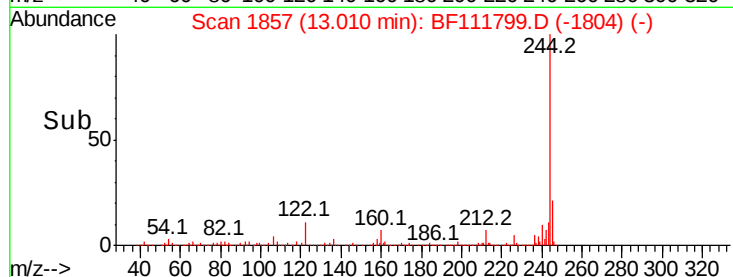
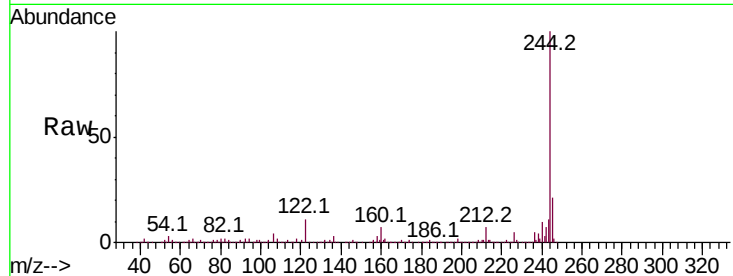
#79
 Terphenyl-d14
 Concen: 68.183 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :
 PB116072BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.4	13.1	19.7

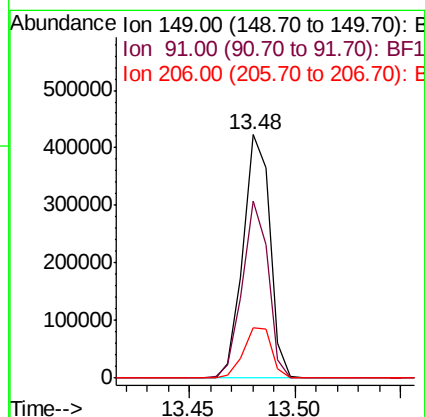
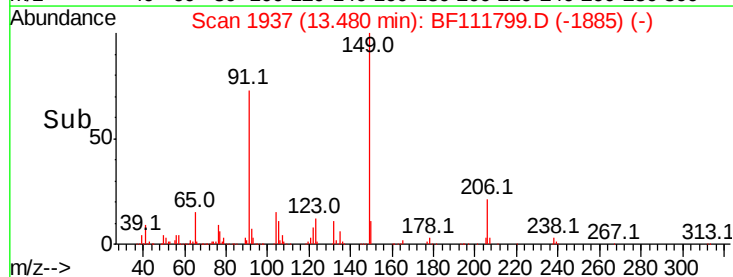
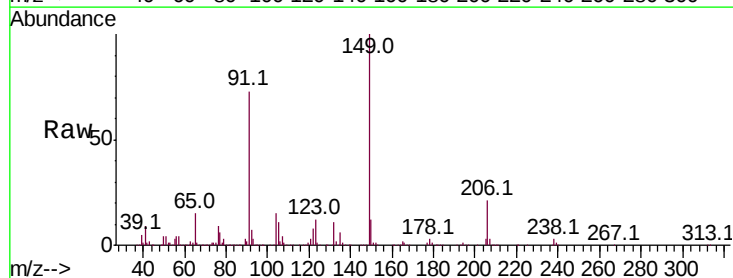
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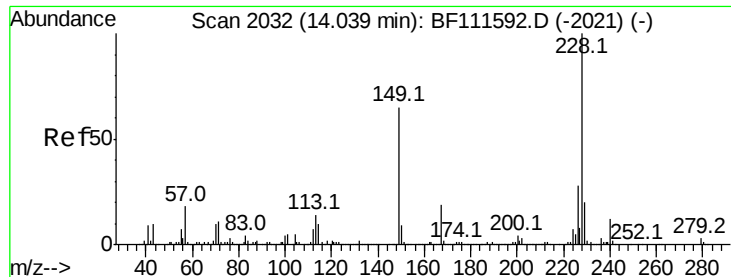
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#80
 Butylbenzylphthalate
 Concen: 38.096 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: BF111799.D
 Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.7	63.8	95.6
206	20.9	15.1	22.7





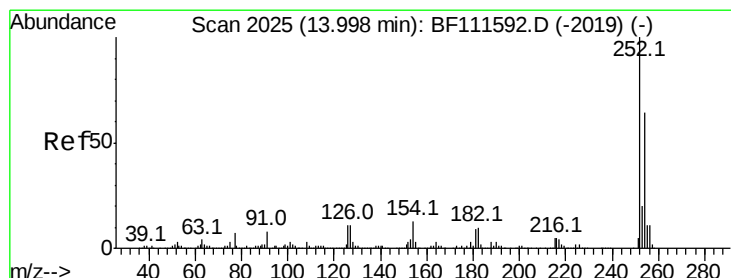
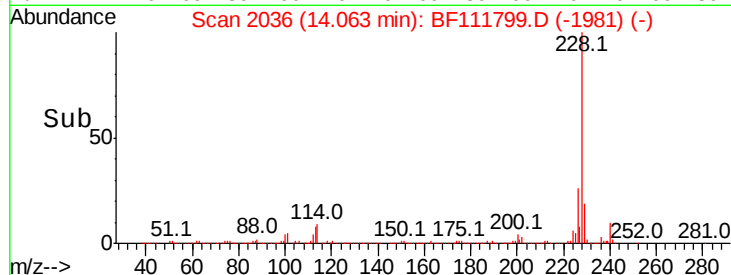
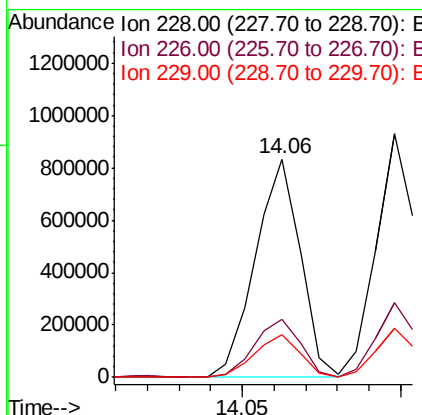
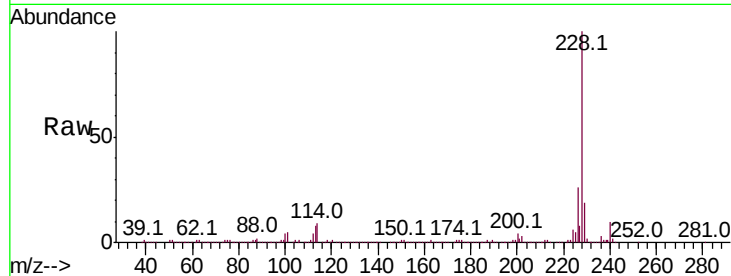
#81
Benzo(a)anthracene
Concen: 42.426 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	34.0
229	19.3	16.3	24.5

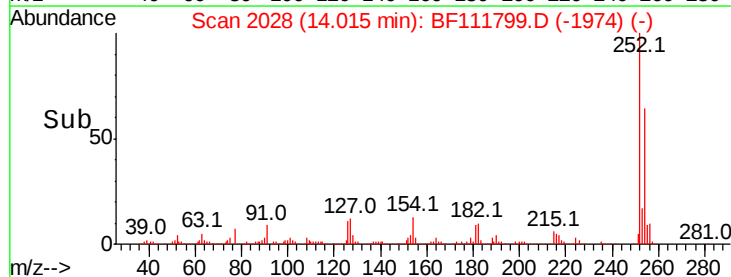
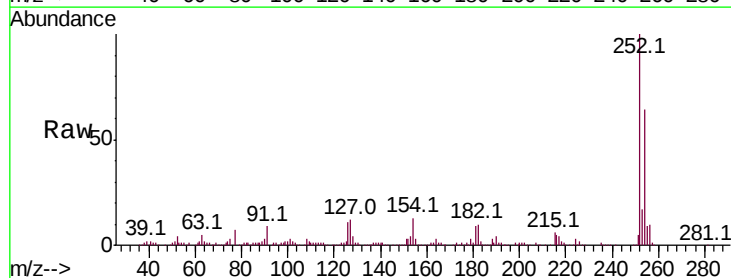
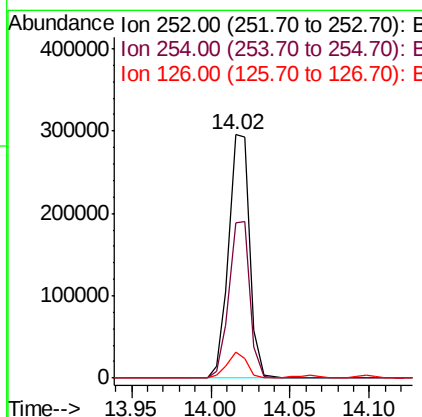
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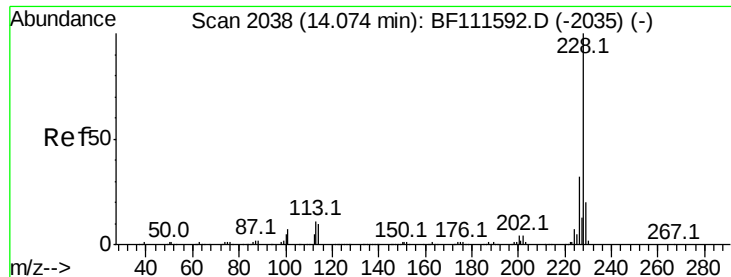
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#82
3,3'-Dichlorobenzidine
Concen: 35.726 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.7	79.1
126	10.8	11.1	16.7#





#83

Chrysene

Concen: 40.717 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

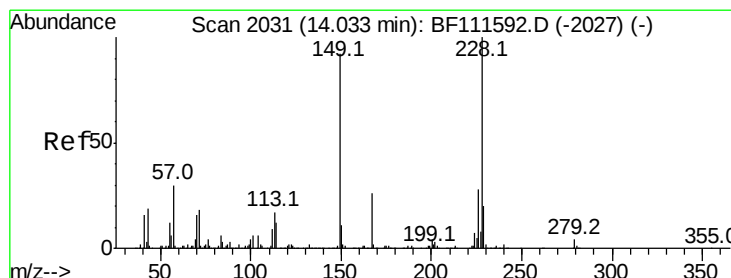
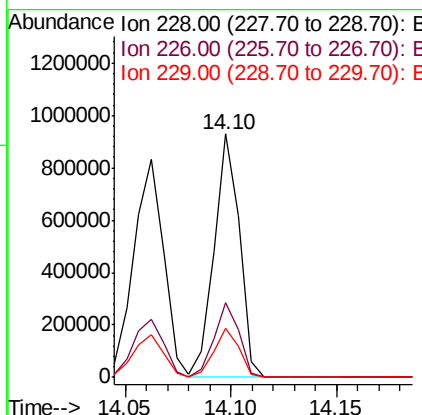
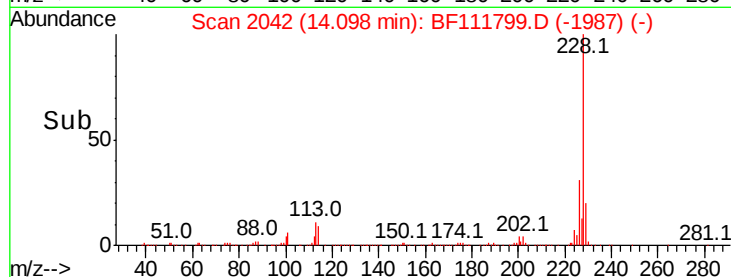
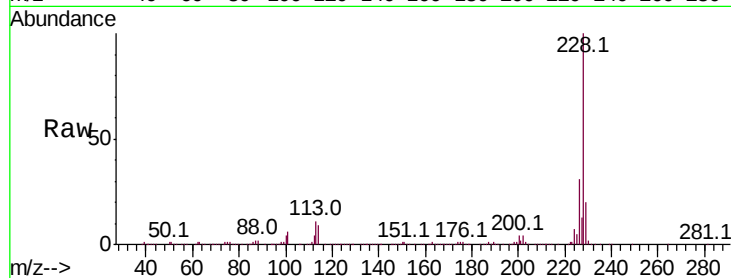
ClientSampleId :

PB116072BS

Tot Ion:	228	Resp:	775122
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.3	37.9
229	20.4	17.2	25.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.817 ng

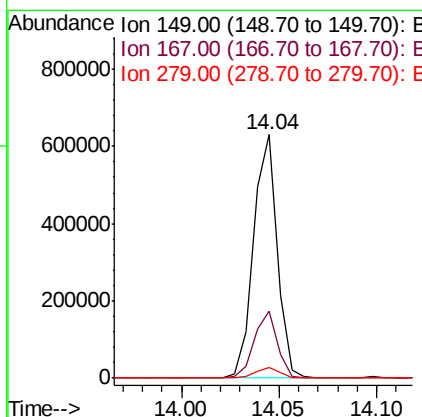
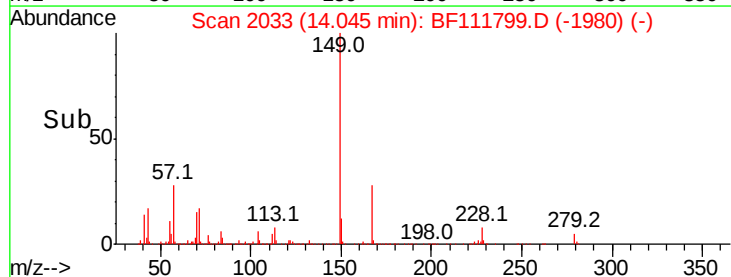
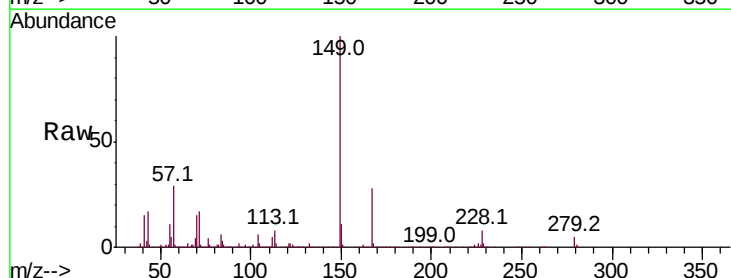
RT: 14.04 min Scan# 2033

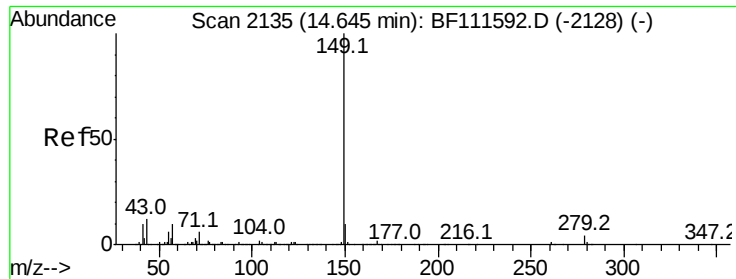
Delta R.T. 0.01 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Tgt Ion:	149	Resp:	526906
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.5	33.7
279	4.5	2.6	4.0#





#85

Di-n-octyl phthalate

Concen: 48.537 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.02 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

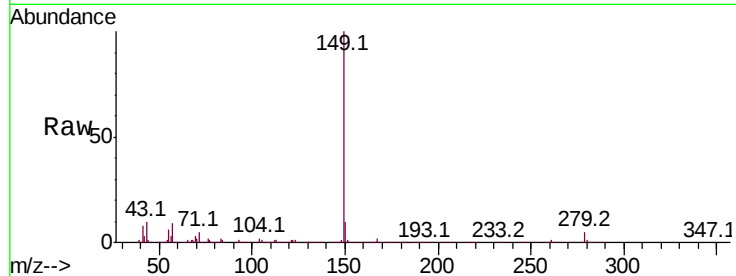
ClientSampleId :

PB116072BS

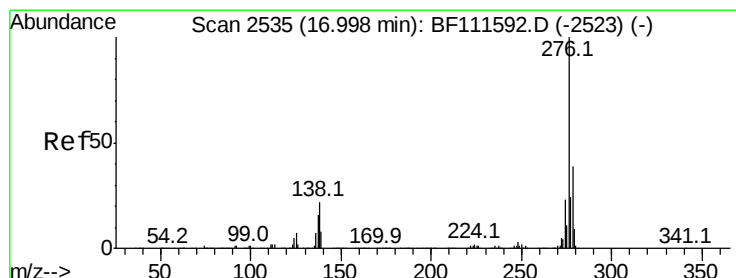
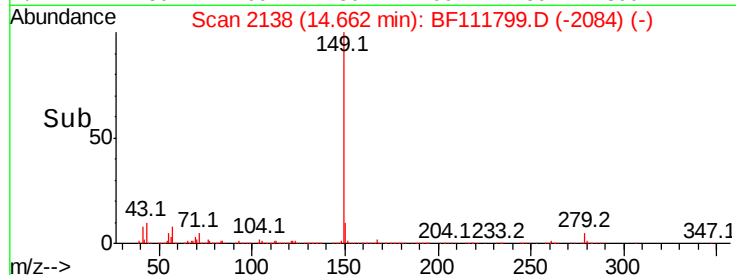
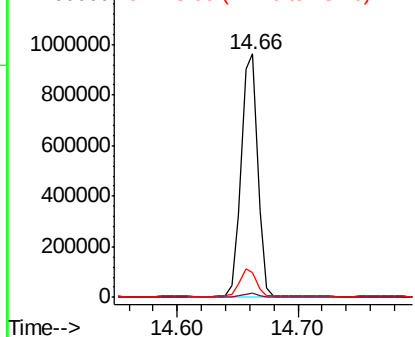
Tot Ion:	149	Resp:	925418
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.3	10.9	16.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.854 ng

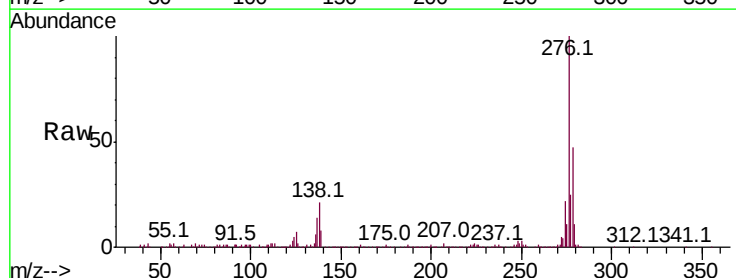
RT: 17.07 min Scan# 2547

Delta R.T. 0.07 min

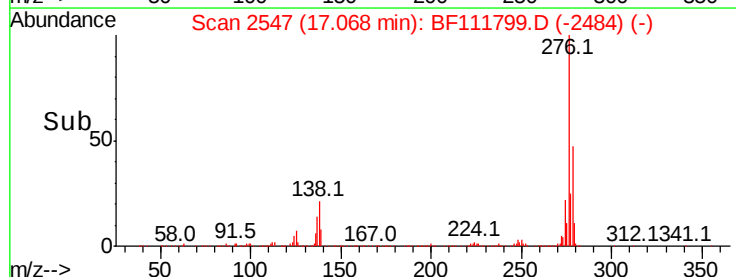
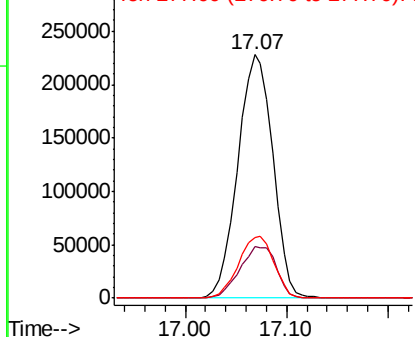
Lab File: BF111799.D

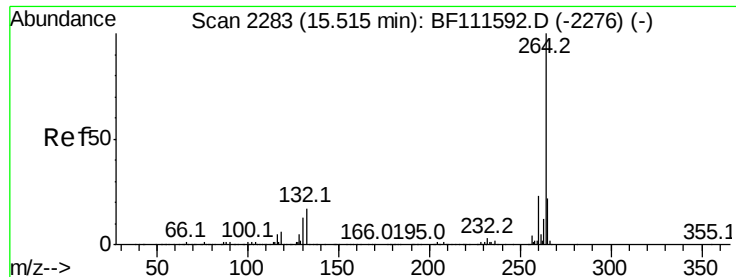
Acq: 28 Dec 2018 20:01

Tgt Ion:	276	Resp:	547872
Ion Ratio	Lower	Upper	
276	100		
138	22.2	27.8	41.6#
277	25.7	20.1	30.1



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

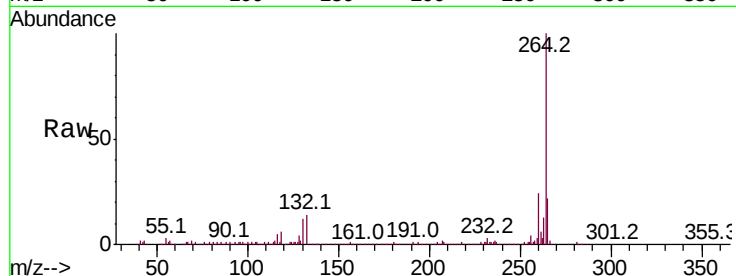
ClientSampleId :

PB116072BS

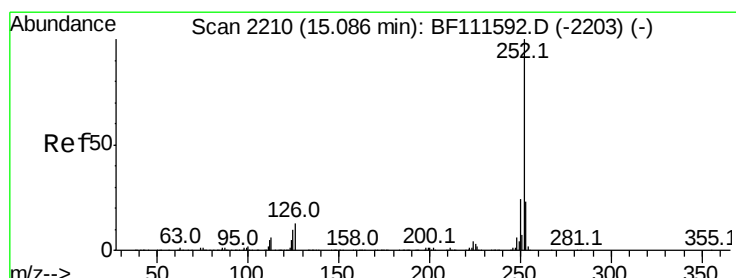
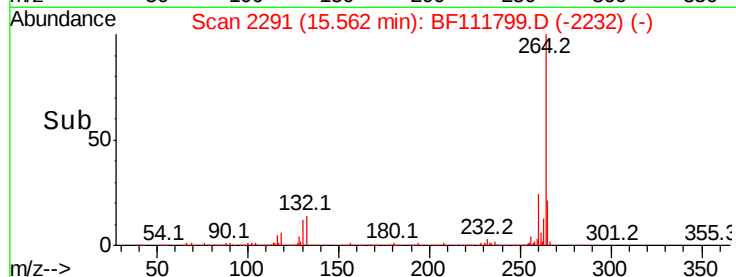
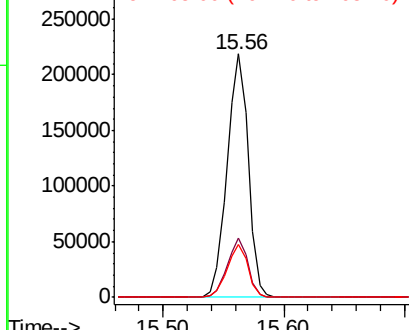
Tot Ion:	264	Resp:	266140
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.3	27.5
265	21.6	17.7	26.5

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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



#88

Benzo(b)fluoranthene

Concen: 44.011 ng

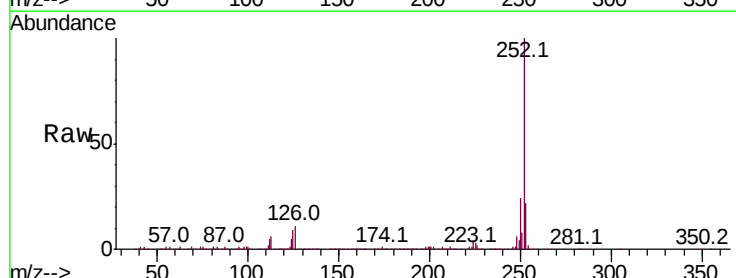
RT: 15.13 min Scan# 2217

Delta R.T. 0.04 min

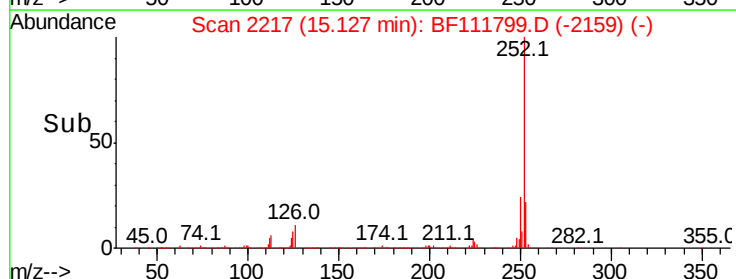
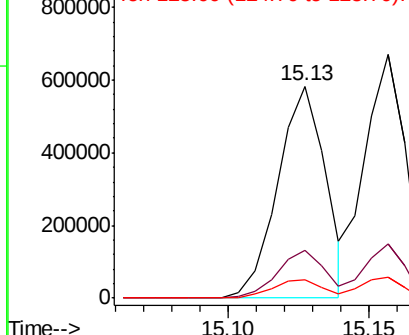
Lab File: BF111799.D

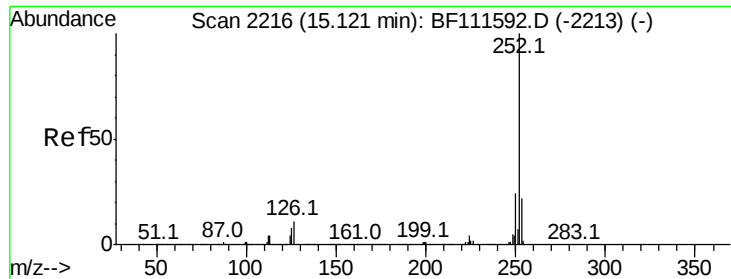
Acq: 28 Dec 2018 20:01

Tgt Ion:	252	Resp:	684556
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	8.5	10.4	15.6#



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





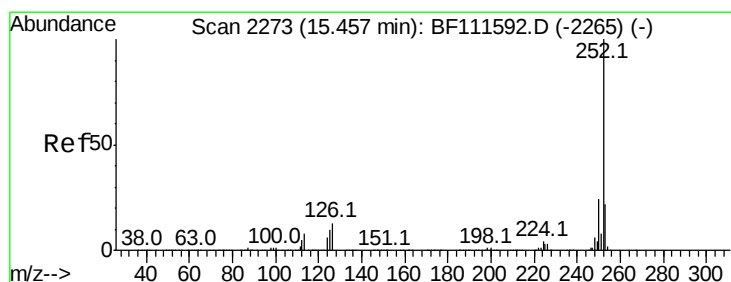
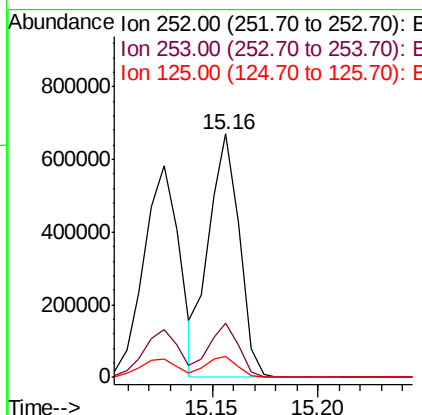
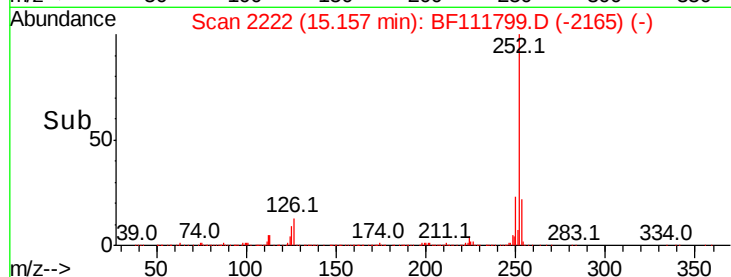
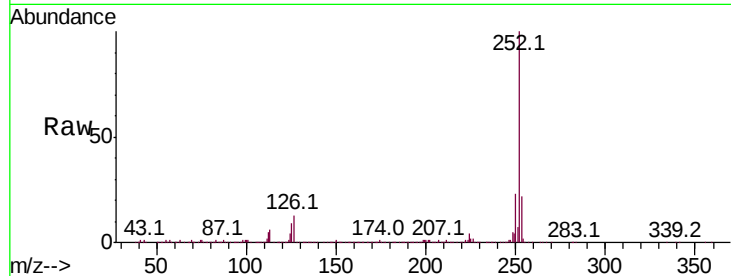
#89
Benzo(k)fluoranthene
Concen: 45.538 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	8.7	9.8	14.8

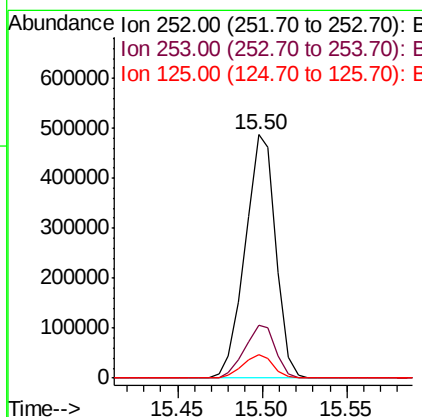
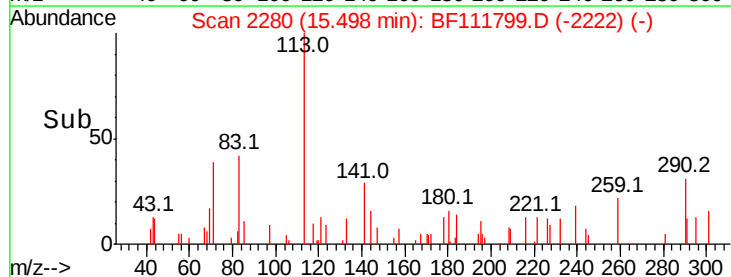
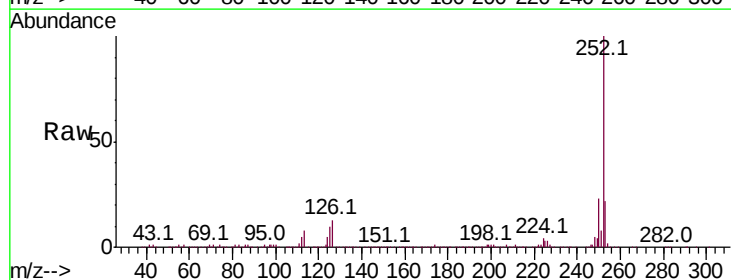
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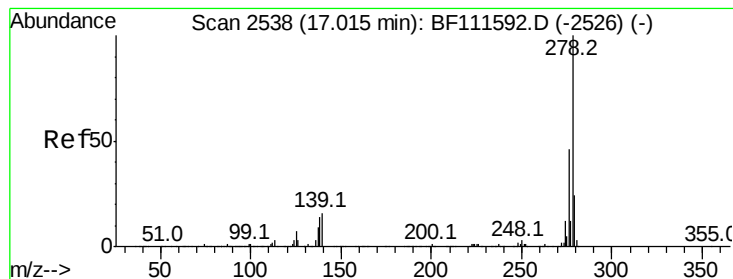
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#90
Benzo(a)pyrene
Concen: 43.536 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111799.D
Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	9.6	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 37.974 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.07 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Instrument :

BNA_F

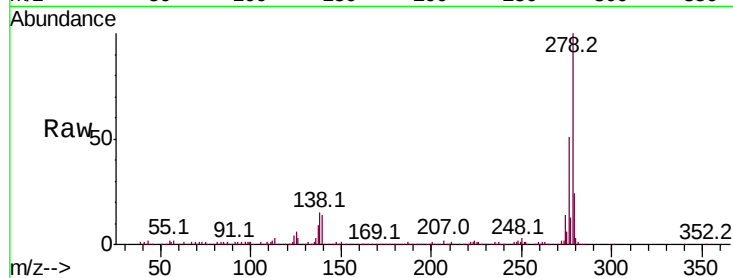
ClientSampleId :

PB116072BS

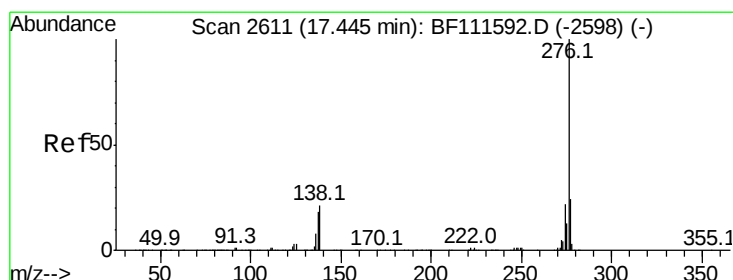
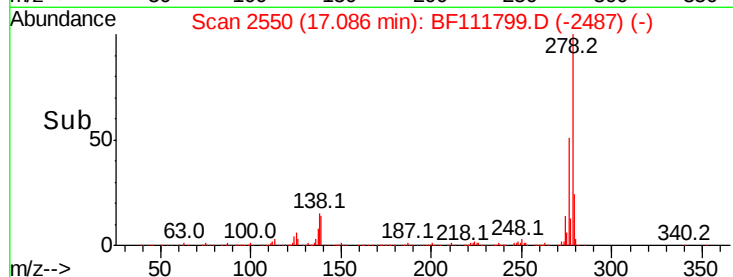
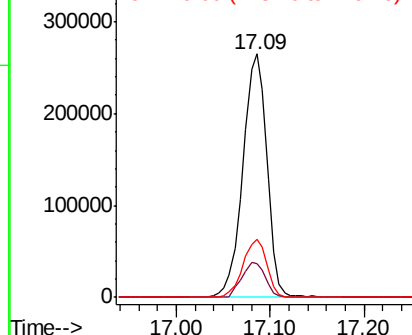
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	18.2	27.4#
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/2/2019 2:51:43 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.183 ng

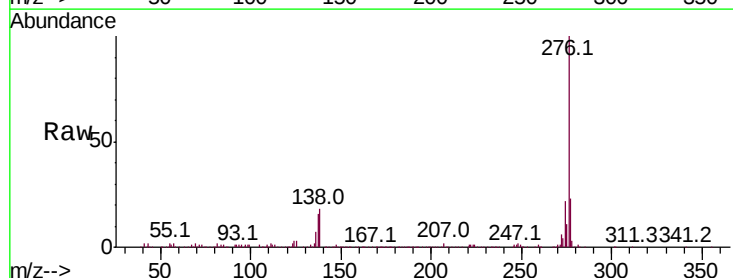
RT: 17.53 min Scan# 2625

Delta R.T. 0.08 min

Lab File: BF111799.D

Acq: 28 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	18.3	24.9	37.3#



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

