

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107799.D
 Acq On : 30 Jul 2018 14:53
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:42:27 PM

Quant Time: Jul 30 17:57:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152184	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	667869	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	307010	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	661597	20.00	ng	0.00
75) Chrysene-d12	14.16	240	539946	20.00	ng	0.00
86) Perylene-d12	15.69	264	475751	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	637809	71.23	ng	0.00
7) Phenol-d6	6.61	99	876815	74.30	ng	0.00
23) Nitrobenzene-d5	7.54	82	854803	73.74	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	326083	78.17	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1733856	78.70	ng	0.00
78) Terphenyl-d14	13.08	244	1807086	72.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	164292m	40.180	ng	
3) Pyridine	3.60	79	397668m	39.157	ng	
4) n-Nitrosodimethylamine	3.58	42	166022m	36.440	ng	
6) Aniline	6.64	93	492456	40.119	ng	# 74
8) 2-Chlorophenol	6.75	128	424301	37.723	ng	96
9) Benzaldehyde	6.52	77	279059m	39.192	ng	
10) Phenol	6.62	94	538643m	38.274	ng	
11) bis(2-Chloroethyl)ether	6.70	93	483272	38.618	ng	95
12) 1,3-Dichlorobenzene	6.91	146	451676	38.287	ng	98
13) 1,4-Dichlorobenzene	6.98	146	523542	39.867	ng	99
14) 1,2-Dichlorobenzene	7.13	146	456797	37.472	ng	99
15) Benzyl Alcohol	7.11	79	282307	38.487	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	670866	37.286	ng	72
17) 2-Methylphenol	7.22	107	320561	38.607	ng	# 78
18) Hexachloroethane	7.47	117	174546	36.978	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	290745	38.837	ng	98
20) 3+4-Methylphenols	7.38	107	364338	35.740	ng	# 60
22) Acetophenone	7.38	105	593414	36.931	ng	# 90
24) Nitrobenzene	7.55	77	453287	37.289	ng	98
25) Isophorone	7.78	82	735783	38.665	ng	97
26) 2-Nitrophenol	7.87	139	245766	40.285	ng	99
27) 2,4-Dimethylphenol	7.90	122	305805	37.440	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	481630	38.405	ng	99
29) 2,4-Dichlorophenol	8.11	162	359256	38.885	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	403331	38.268	ng	99
31) Naphthalene	8.27	128	1245534	40.120	ng	100
32) Benzoic acid	8.03	122	203716m	37.206	ng	
33) 4-Chloroaniline	8.32	127	496876	37.470	ng	99
34) Hexachlorobutadiene	8.37	225	242780	37.275	ng	98
35) Caprolactam	8.70	113	105820	38.047	ng	# 77
36) 4-Chloro-3-methylphenol	8.81	107	399611	39.826	ng	97
37) 2-Methylnaphthalene	8.96	142	776267	39.806	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	418644	39.995	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	151949	38.011	ng	98

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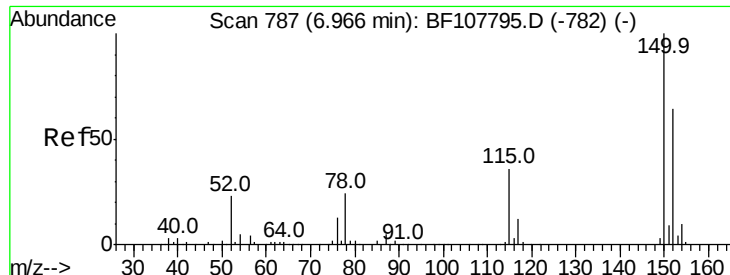
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	237765	41.088	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	298373	42.830	nq	96
45) 1,1'-Biphenyl	9.42	154	1116015	39.944	nq	98
46) 2-Chloronaphthalene	9.45	162	830718	39.428	nq	98
47) 2-Nitroaniline	9.56	65	271116	39.560	nq	89
48) Acenaphthylene	9.87	152	1237750	37.894	nq	99
49) Dimethylphthalate	9.72	163	906103	39.299	nq	99
50) 2,6-Dinitrotoluene	9.80	165	204875	40.888	nq	92
51) Acenaphthene	10.04	154	707420	37.283	nq	100
52) 3-Nitroaniline	9.98	138	248723	39.392	nq	96
53) 2,4-Dinitrophenol	10.09	184	82951	36.537	nq #	40
54) Dibenzofuran	10.21	168	1133502	38.650	nq	98
55) 4-Nitrophenol	10.16	139	94448m	37.396	nq	
56) 2,4-Dinitrotoluene	10.20	165	262659	39.883	nq	93
57) Fluorene	10.56	166	866893	38.035	nq	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	254952	39.844	nq #	80
59) Diethylphthalate	10.42	149	952709	38.431	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	477997	38.498	nq	94
61) 4-Nitroaniline	10.60	138	228106	40.709	nq	96
62) Azobenzene	10.71	77	869306	37.652	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	141285	39.254	nq	94
65) n-Nitrosodiphenylamine	10.67	169	817634	37.533	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	281496	36.505	nq #	89
67) Hexachlorobenzene	11.11	284	318333	37.227	nq #	84
68) Atrazine	11.19	200	241986	37.532	nq	96
69) Pentachlorophenol	11.31	266	157958	37.524	nq	99
70) Phenanthrene	11.52	178	1209919	38.514	nq	99
71) Anthracene	11.58	178	1378132	38.034	nq	100
72) Carbazole	11.74	167	1387218	38.741	nq	99
73) Di-n-butylphthalate	12.04	149	1489676	38.133	nq	100
74) Fluoranthene	12.72	202	1403642	38.033	nq	96
76) Benzidine	12.85	184	605537	34.686	nq	97
77) Pyrene	12.95	202	1415882	36.416	nq	99
79) Butylbenzylphthalate	13.55	149	643186	37.776	nq	96
80) Benzo(a)anthracene	14.14	228	1159560	37.911	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	445768	37.597	nq #	98
82) Chrysene	14.18	228	1233847	37.401	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	815678	38.108	nq	99
84) Di-n-octyl phthalate	14.72	149	1366154	39.764	nq	97
85) Indeno(1,2,3-cd)pyrene	17.28	276	871050	34.713	nq #	92
87) Benzo(b)fluoranthene	15.24	252	878310	37.432	nq	97
88) Benzo(k)fluoranthene	15.27	252	1129791	39.218	nq	97
89) Benzo(a)pyrene	15.63	252	897079	37.034	nq	98
90) Dibenzo(a,h)anthracene	17.29	278	750885	35.537	nq #	95
91) Benzo(g,h,i)perylene	17.76	276	703024	34.387	nq #	93

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



#1

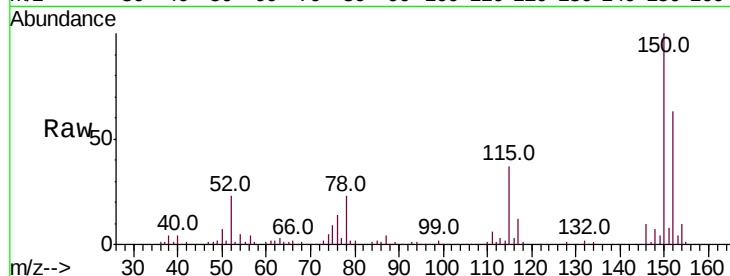
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	58.2	50.1	75.1

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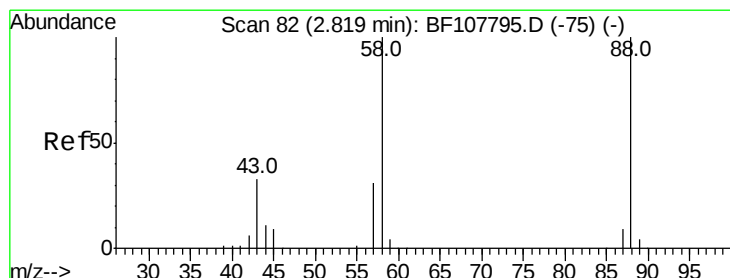
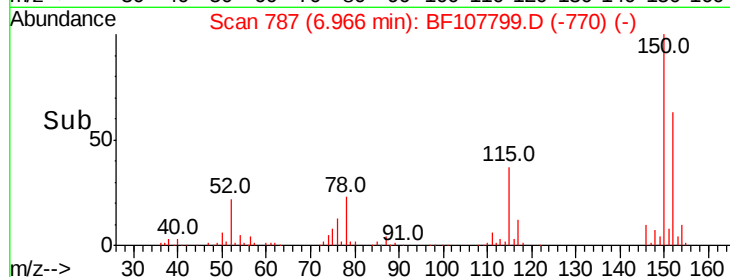
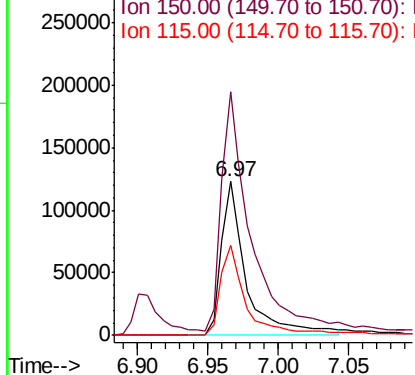


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.180 ng m
RT: 2.81 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

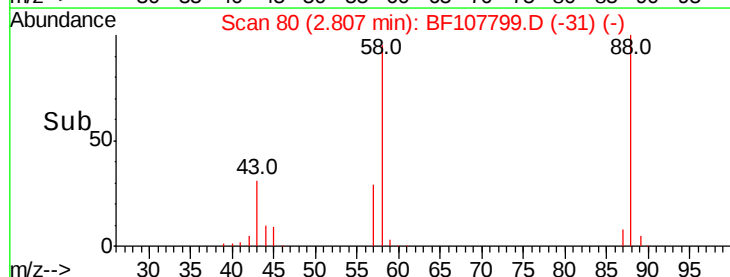
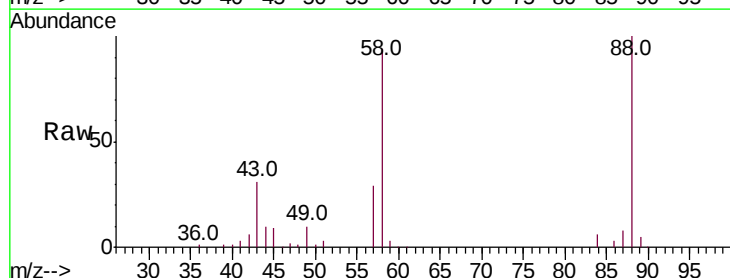
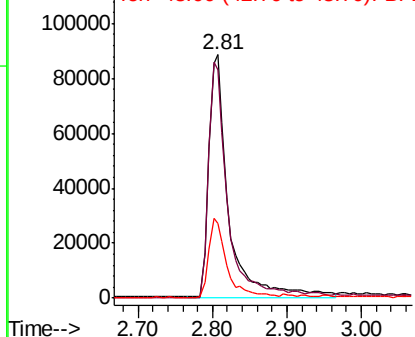
Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.2	62.6	93.8#
43	30.8	24.6	37.0

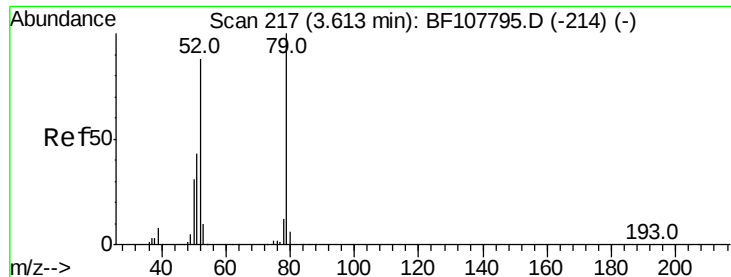
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.157 ng m

RT: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

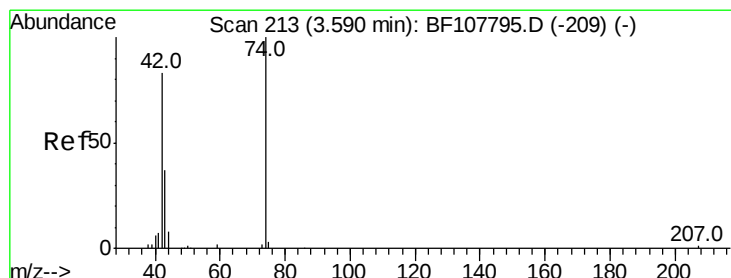
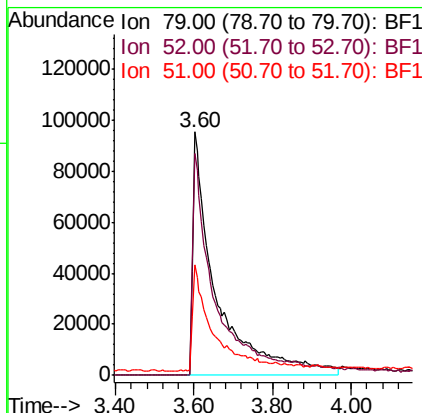
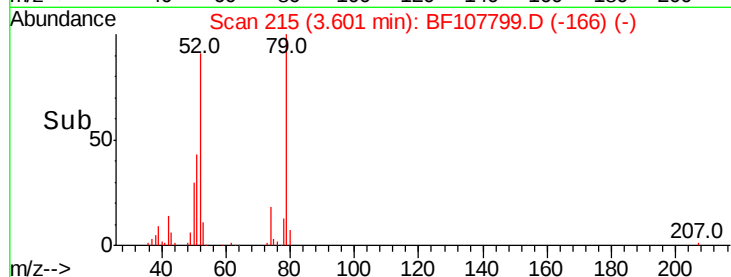
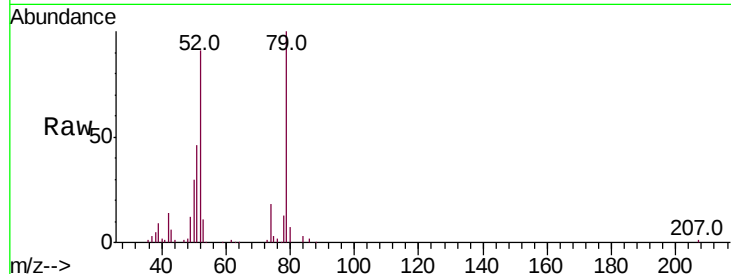
ClientSampleId :

ICVBF073018

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.0	59.8	89.6#
51	45.5	29.8	44.8#

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#4

n-Nitrosodimethylamine

Concen: 36.440 ng m

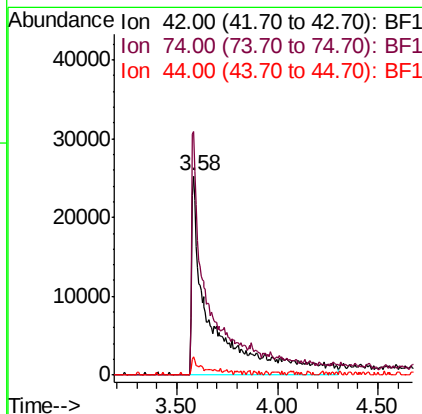
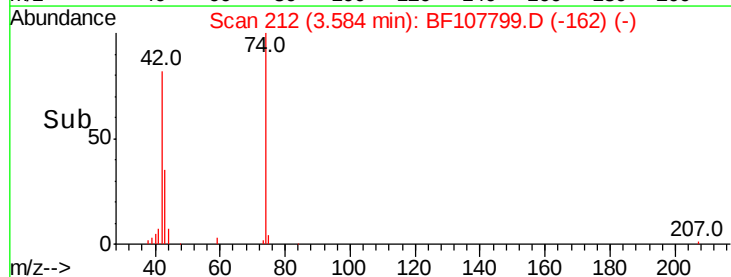
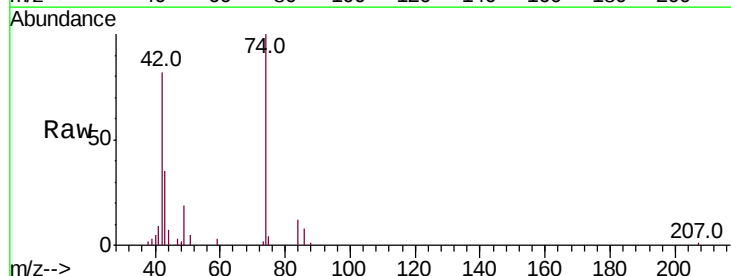
RT: 3.58 min Scan# 212

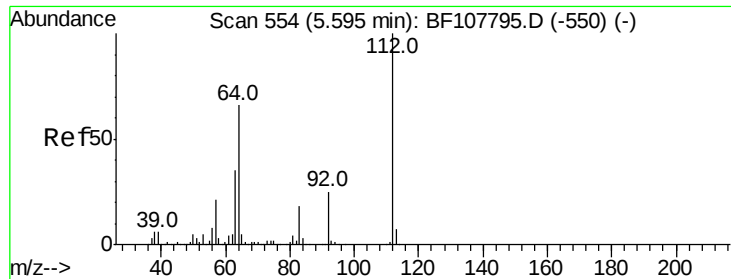
Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.3	104.9	157.3
44	8.9	6.9	10.3





#5

2-Fluorophenol

Concen: 71.229 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

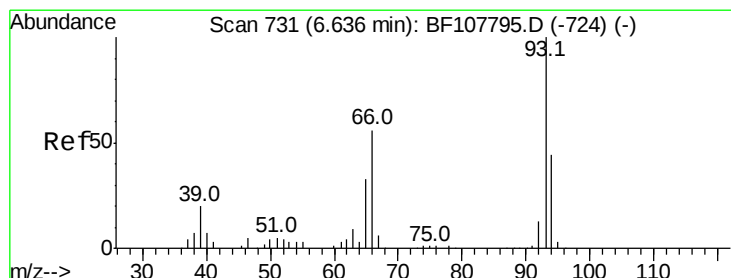
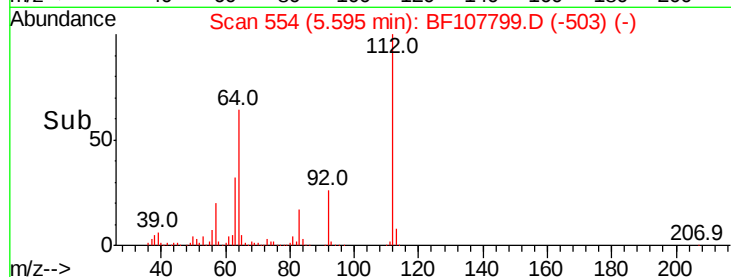
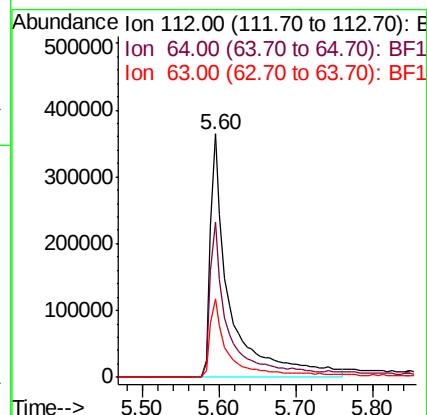
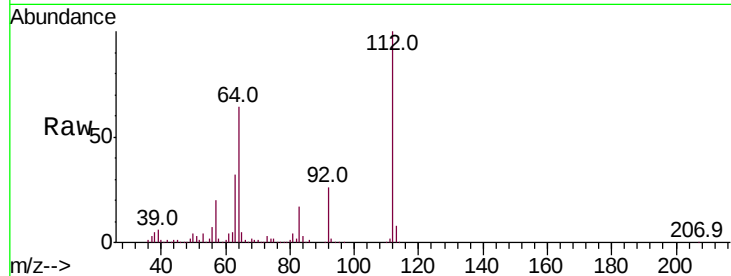
ClientSampleId :

ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
112	100	637809		
64	64.0	47.9	71.9	
63	32.1	23.7	35.5	

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#6

Aniline

Concen: 40.119 ng

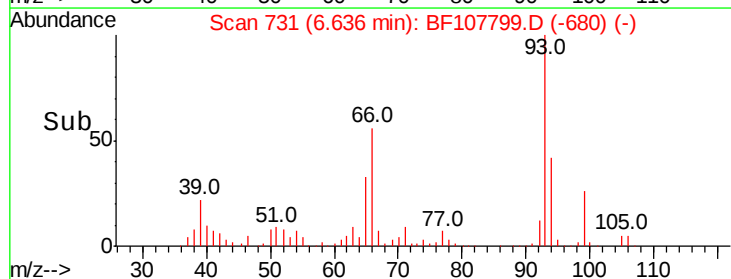
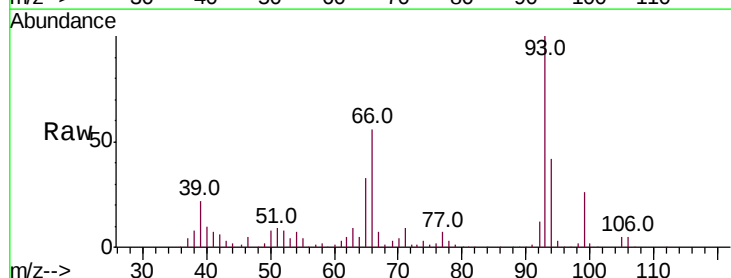
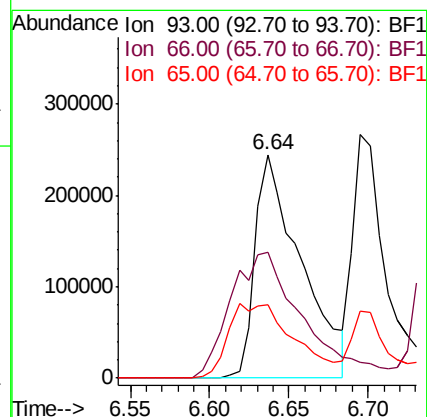
RT: 6.64 min Scan# 731

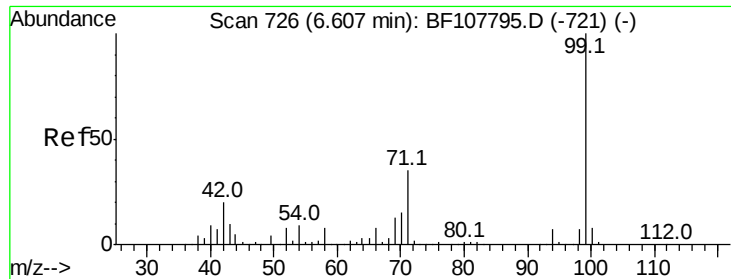
Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	492456		
66	56.4	32.2	48.2#	
65	32.8	16.4	24.6#	





#7

Phenol-d6

Concen: 74.298 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

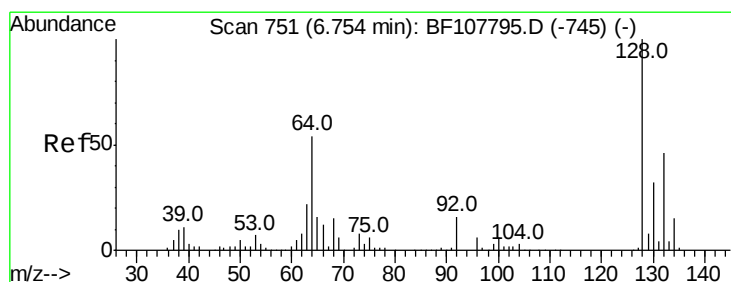
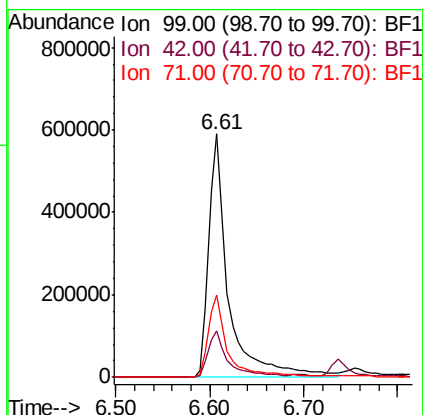
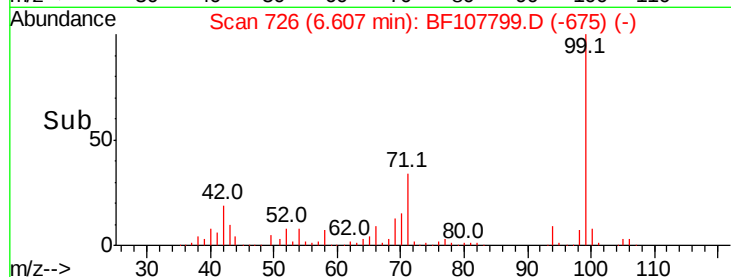
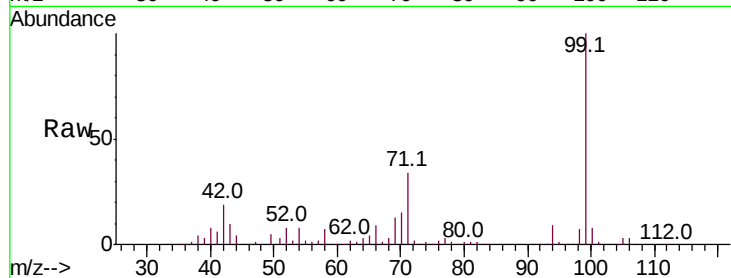
ClientSampleId :

ICVBF073018

Tot Ion:	99	Resp:	876815
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	33.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.723 ng

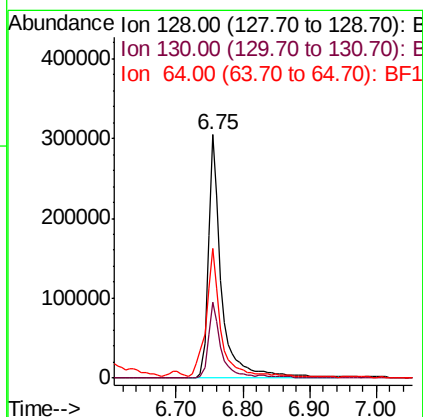
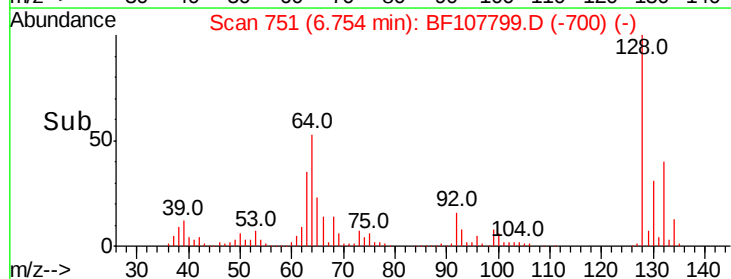
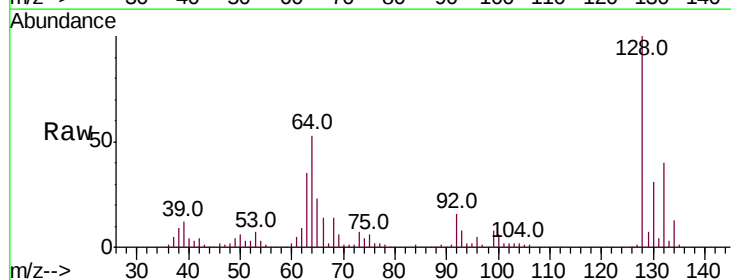
RT: 6.75 min Scan# 751

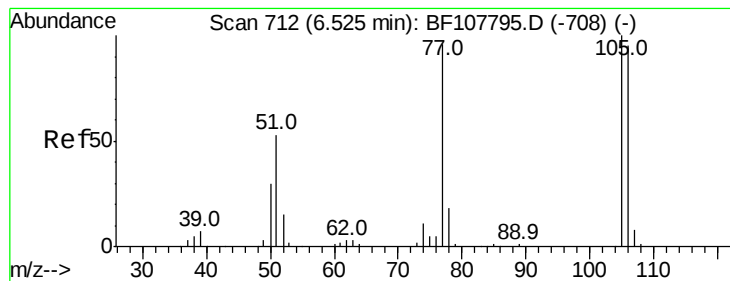
Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion:	128	Resp:	424301
Ion Ratio	Lower	Upper	
128	100		
130	31.5	13.0	53.0
64	53.2	29.4	69.4





#9

Benzaldehyde

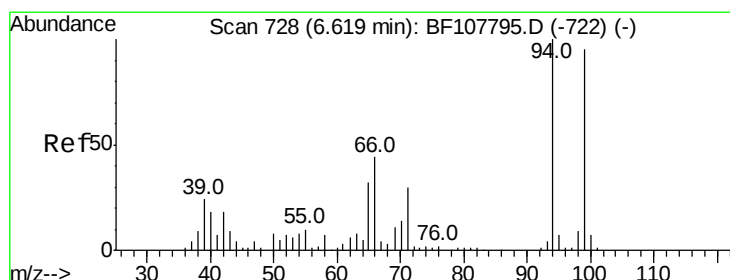
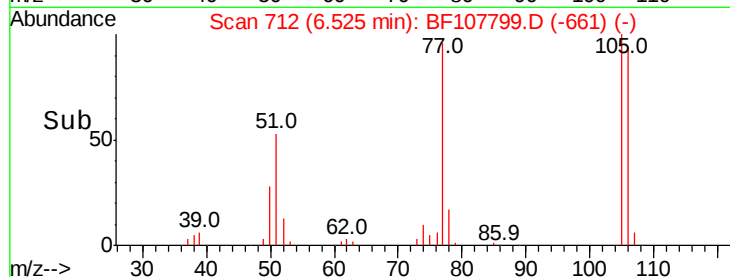
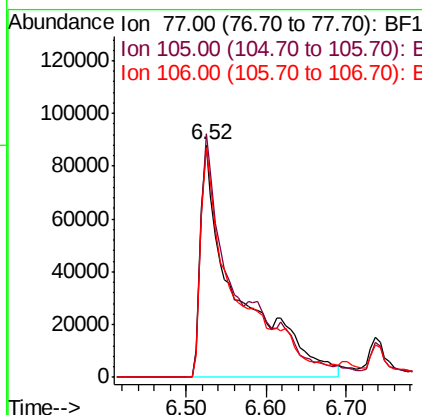
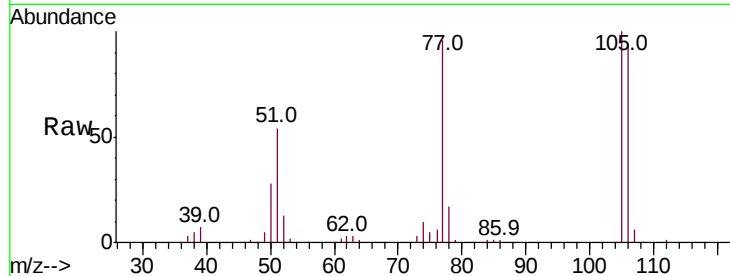
Concen: 39.192 ng m
RT: 6.52 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.7	81.1	121.1
106	98.5	74.5	114.5

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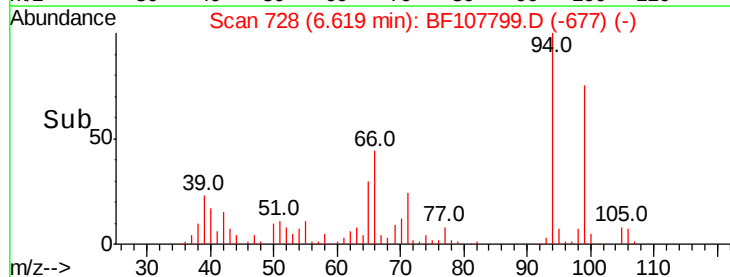
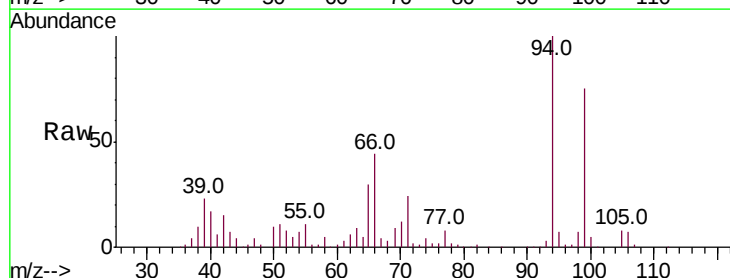
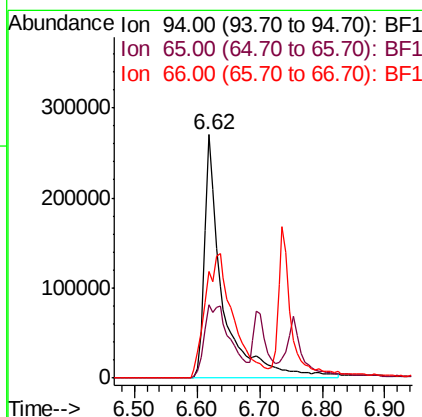


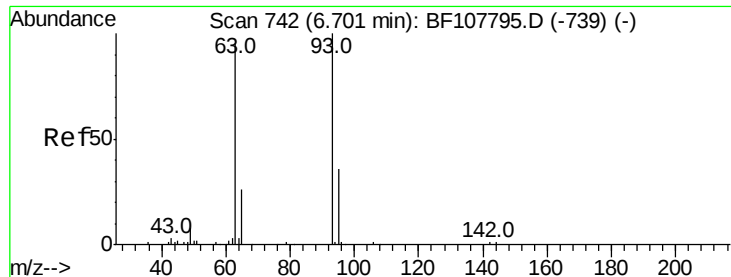
#10

Phenol

Concen: 38.274 ng m
RT: 6.62 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.9	47.9
66	43.8	16.2	56.2





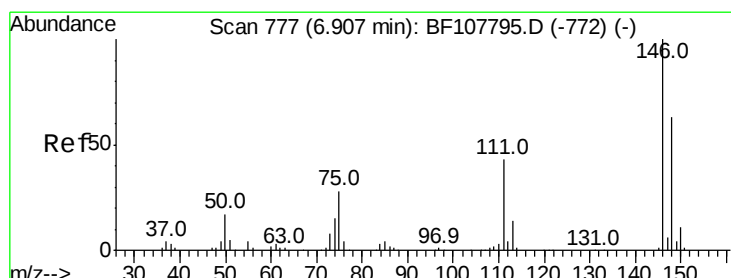
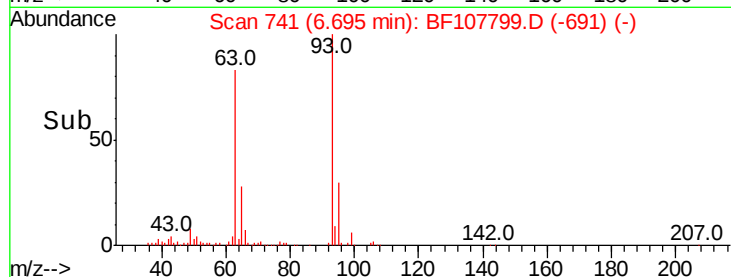
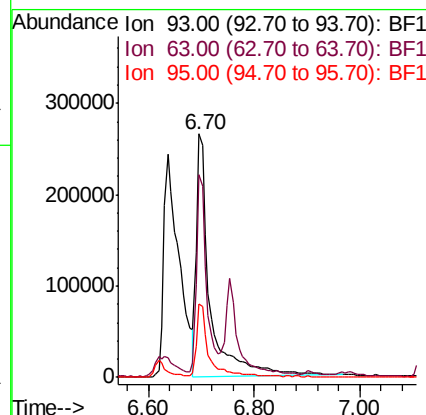
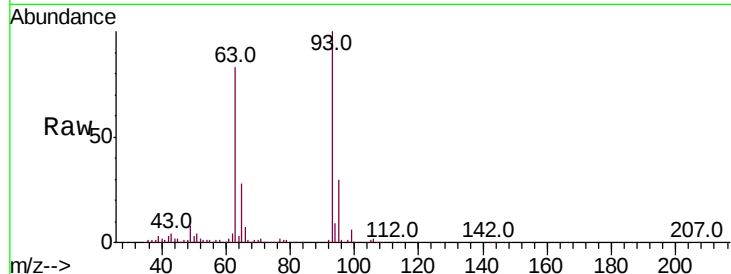
#11
bis(2-Chloroethyl)ether
Concen: 38.618 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.3	58.6	98.6
95	30.3	11.8	51.8

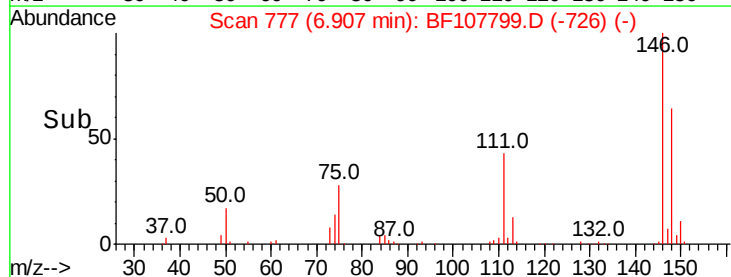
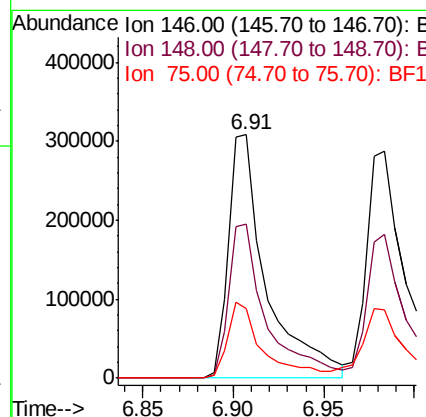
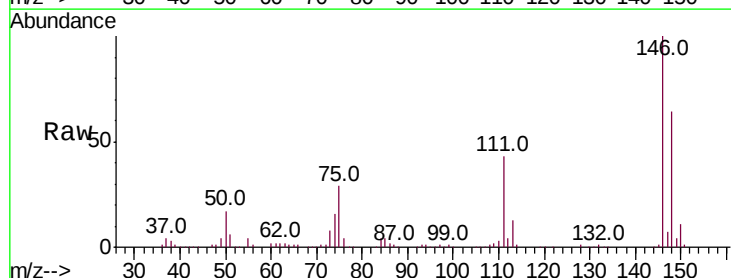
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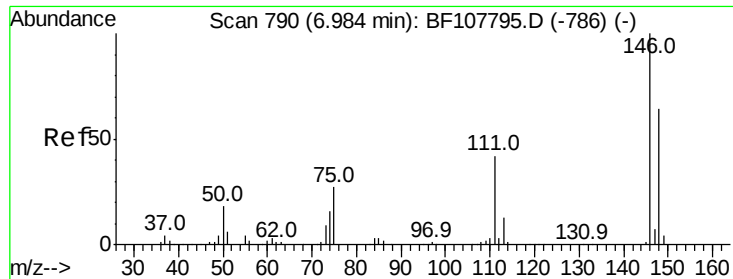
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#12
1,3-Dichlorobenzene
Concen: 38.287 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	28.6	24.2	36.4





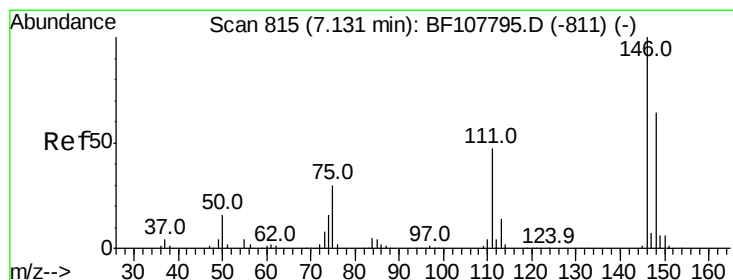
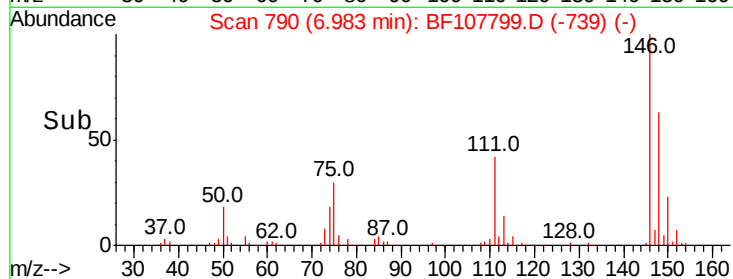
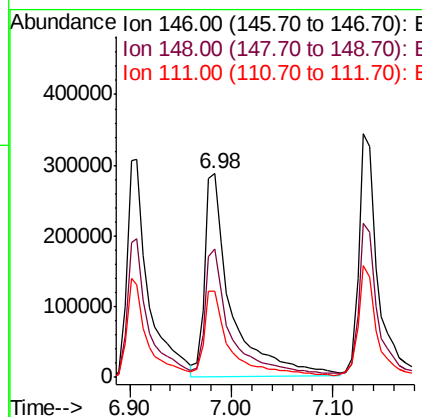
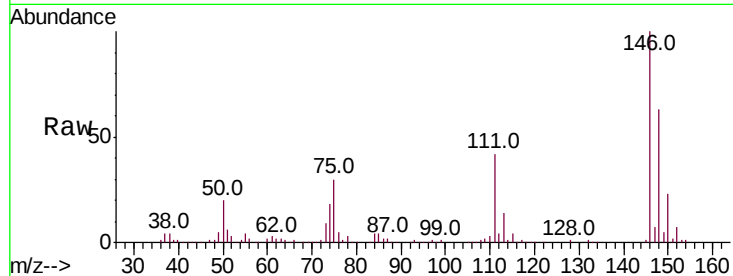
#13
 1,4-Dichlorobenzene
 Concen: 39.867 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	42.3	34.2	51.2

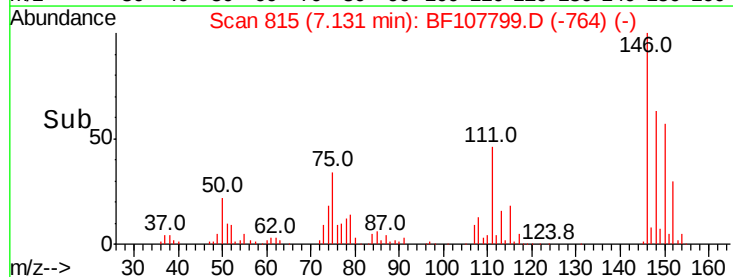
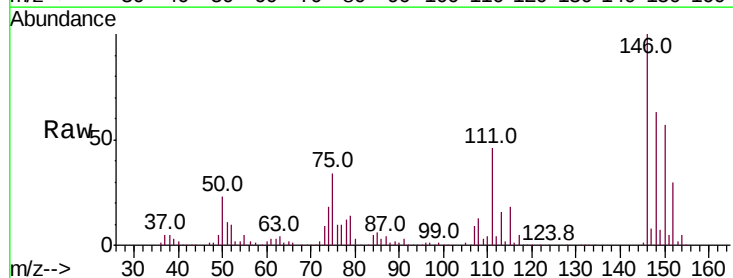
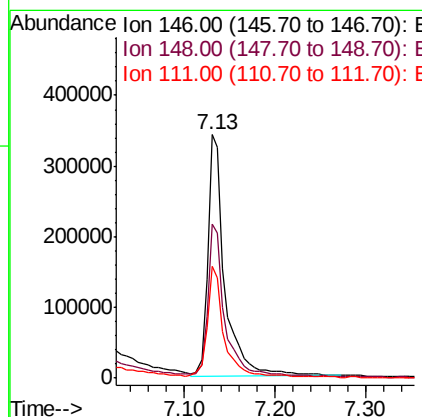
Manual Integrations
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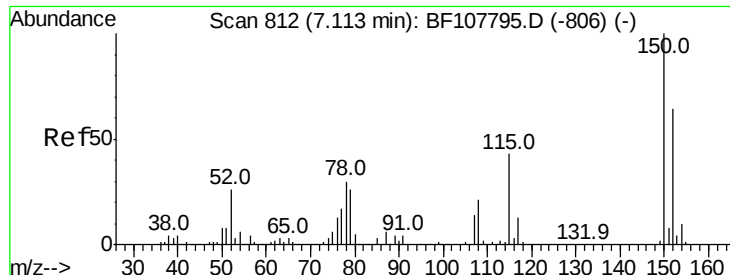
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#14
 1,2-Dichlorobenzene
 Concen: 37.472 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	45.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.487 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

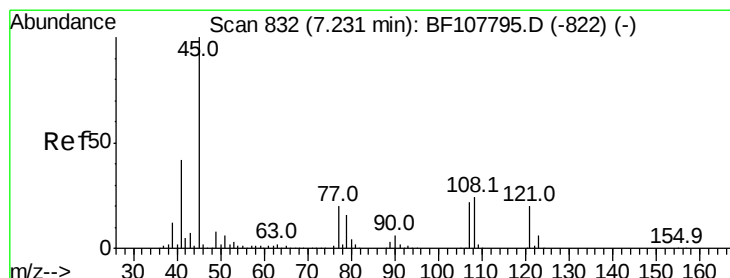
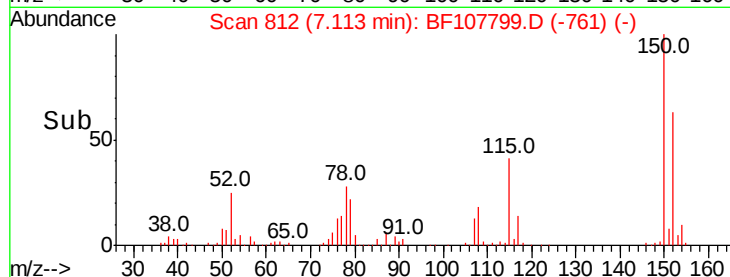
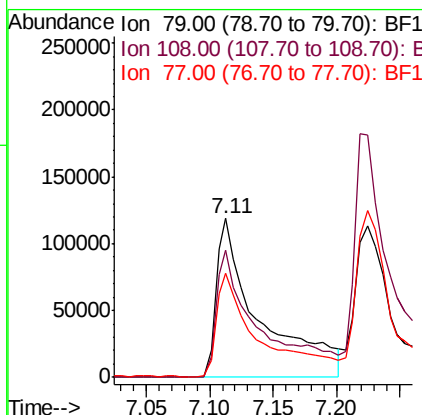
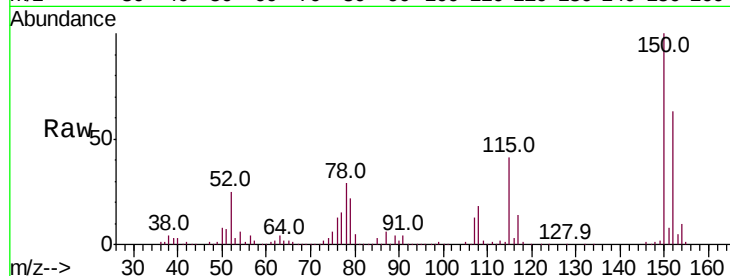
ClientSampleId :

ICVBF073018

Tot Ion:	79	Resp:	282307
Ion Ratio	Lower	Upper	
79	100		
108	80.0	65.1	97.7
77	65.8	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.286 ng

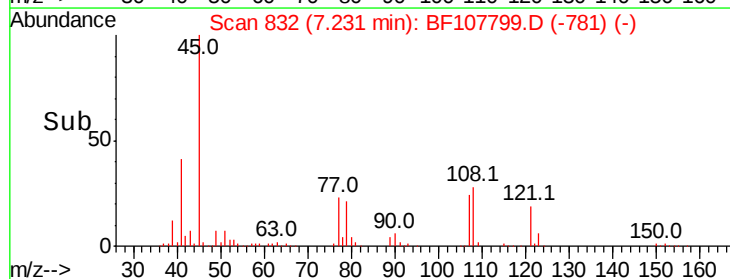
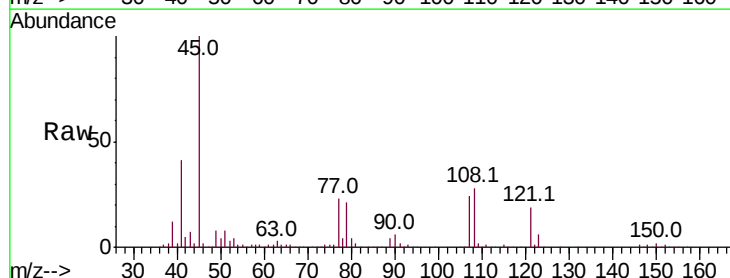
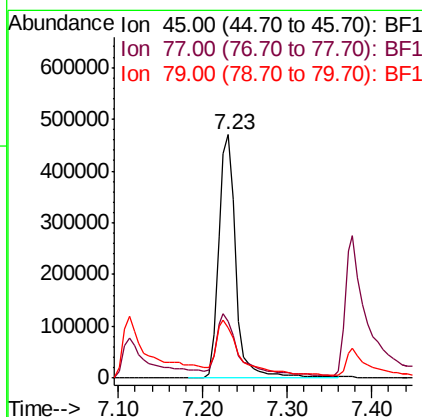
RT: 7.23 min Scan# 832

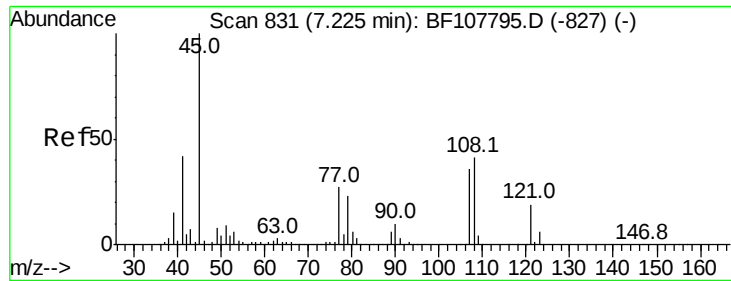
Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion:	45	Resp:	670866
Ion Ratio	Lower	Upper	
45	100		
77	23.5	0.0	32.9
79	20.7	0.0	29.6





#17

2-Methylphenol

Concen: 38.607 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

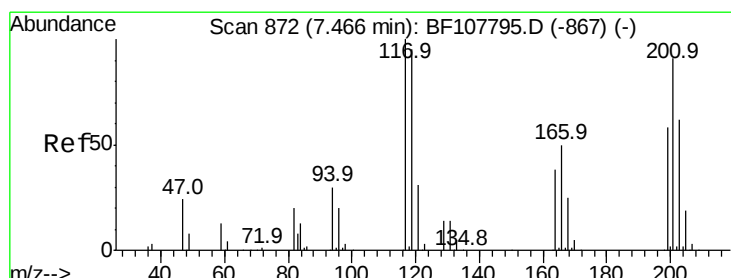
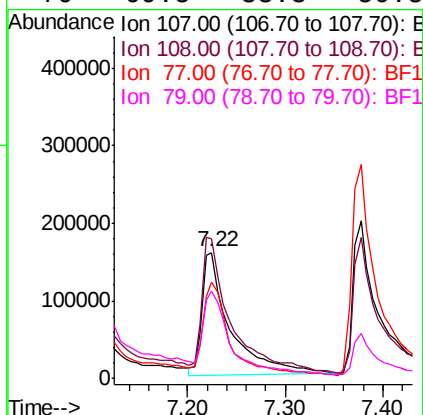
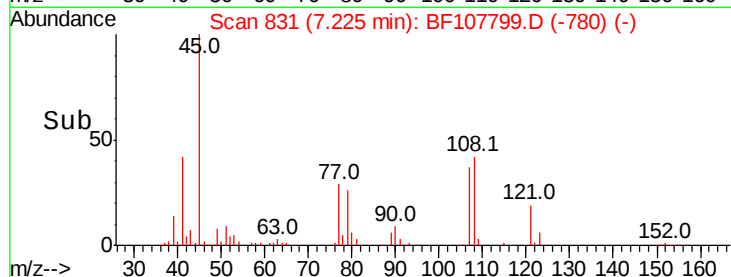
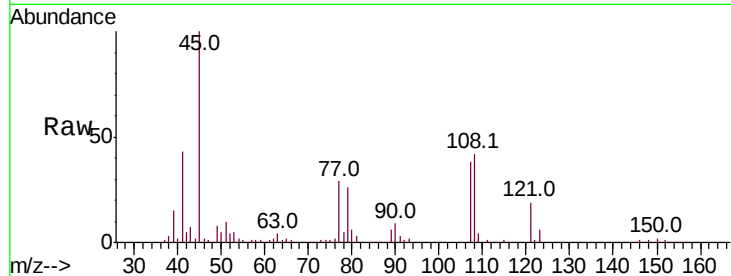
ClientSampleId :

ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	91.7	137.5	
77	76.7	33.8	50.8#	
79	69.5	33.8	50.8#	

Manual Integrations
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#18

Hexachloroethane

Concen: 36.978 ng

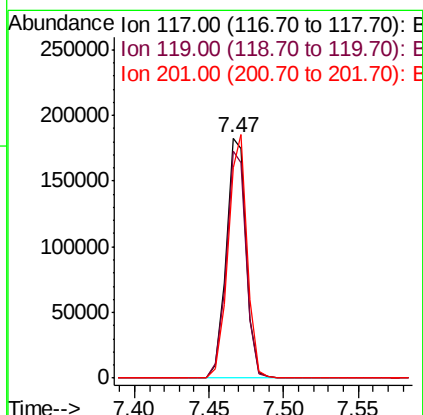
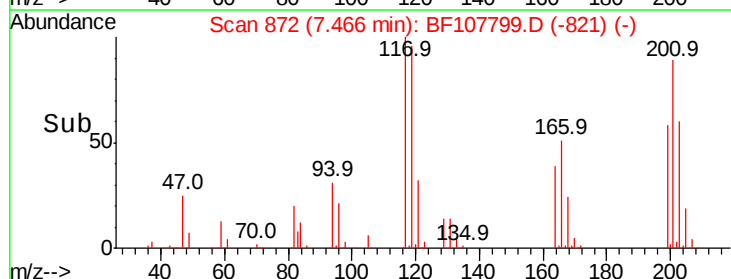
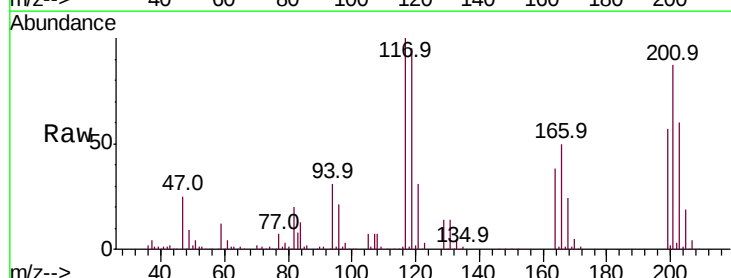
RT: 7.47 min Scan# 872

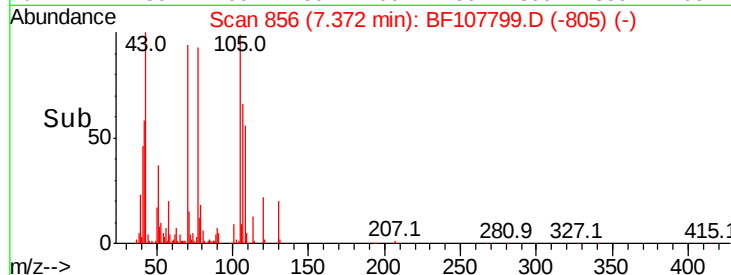
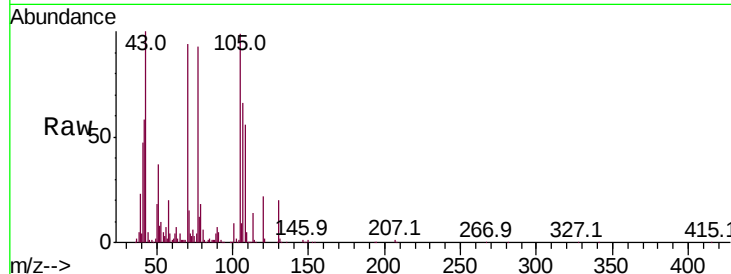
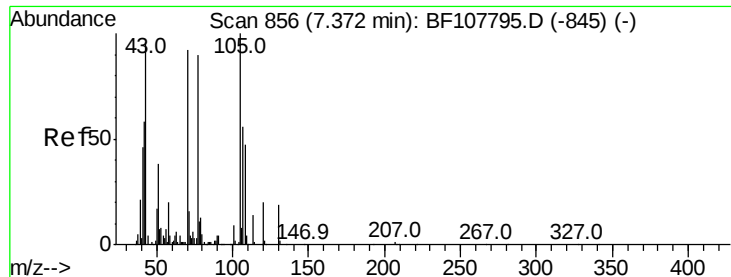
Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	75.8	113.8	
201	87.5	75.7	113.5	





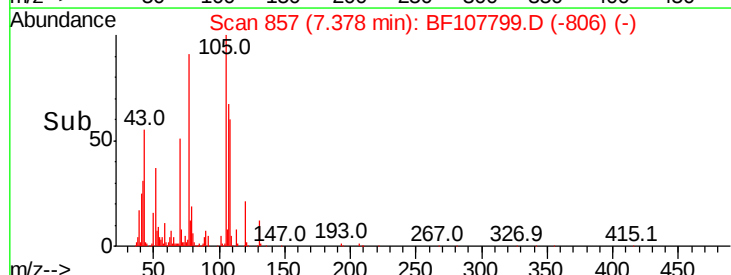
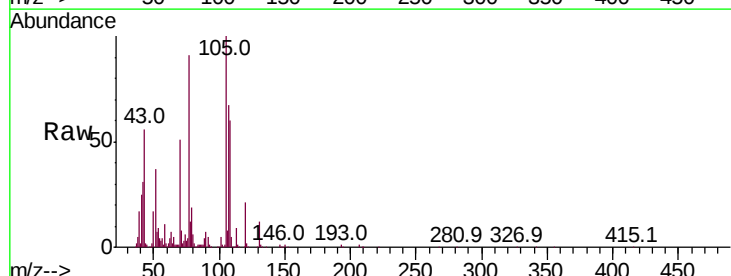
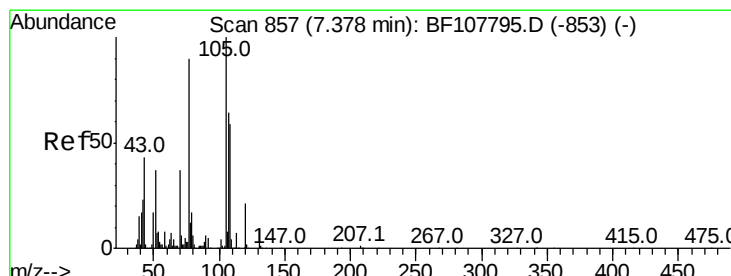
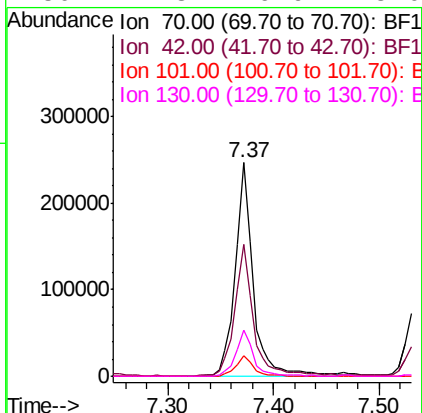
#19
n-Nitroso-di-n-propylamine
Concen: 38.837 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	70	Resp	290745
Ion Ratio	Lower	Upper	
70	100		
42	61.7	47.5	71.3
101	9.5	7.4	11.2
130	21.3	16.6	25.0

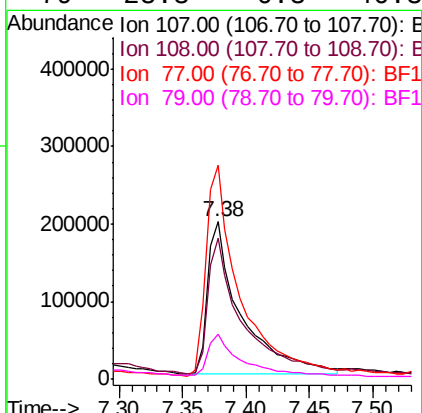
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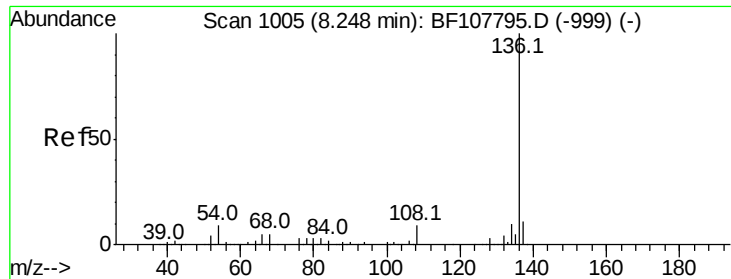
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#20
3+4-Methylphenols
Concen: 35.740 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	107	Resp	364338
Ion Ratio	Lower	Upper	
107	100		
108	89.9	68.2	108.2
77	135.7	26.7	66.7#
79	28.3	6.3	46.3





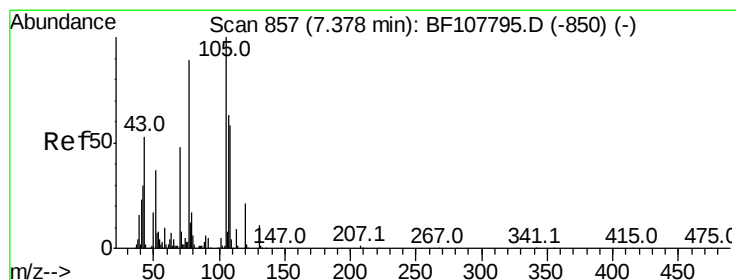
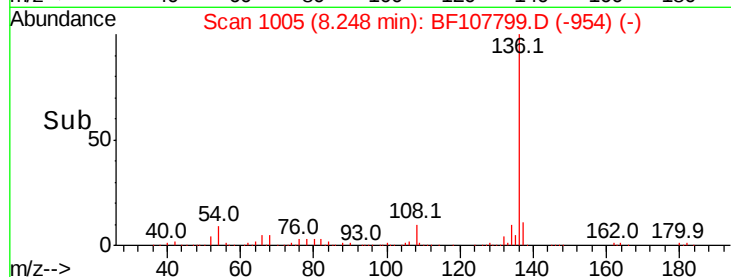
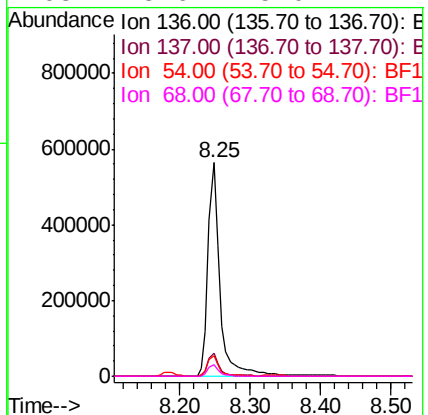
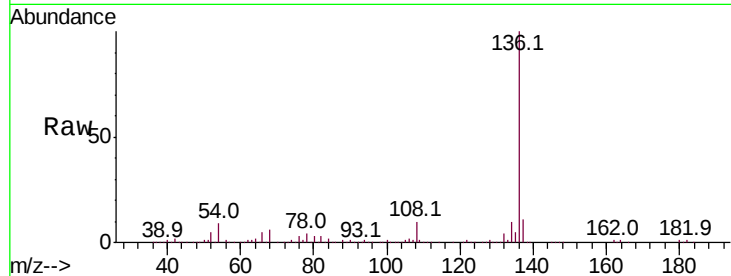
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
136	100	667869		
137	10.9		8.9	13.3
54	9.3		6.6	9.8
68	5.6		5.0	7.4

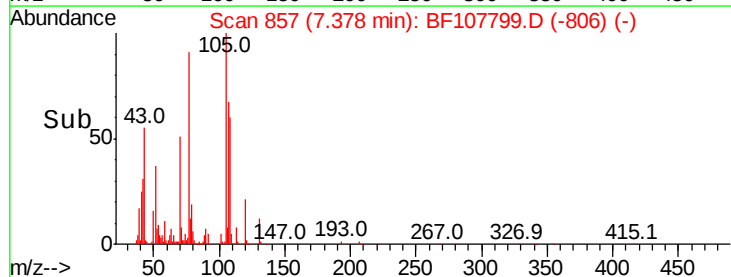
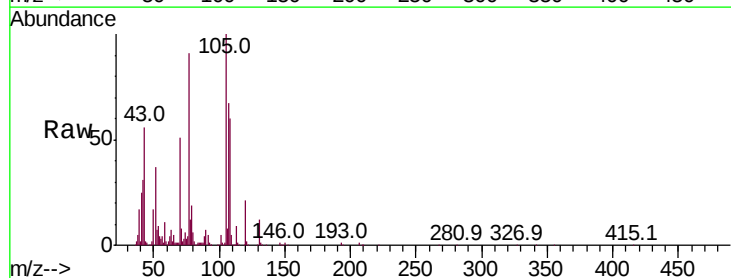
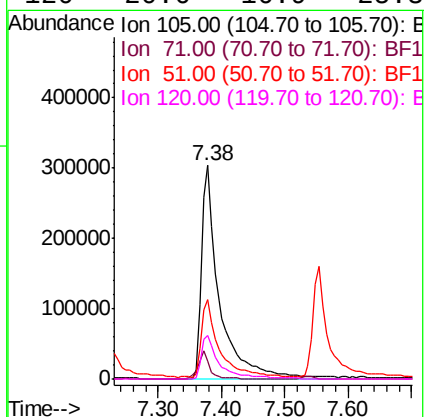
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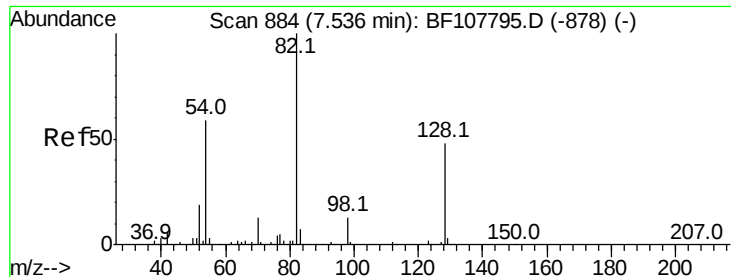
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#22
Acetophenone
Concen: 36.931 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	593414		
71	8.3		4.4	6.6#
51	37.1		22.3	33.5#
120	20.6		16.9	25.3





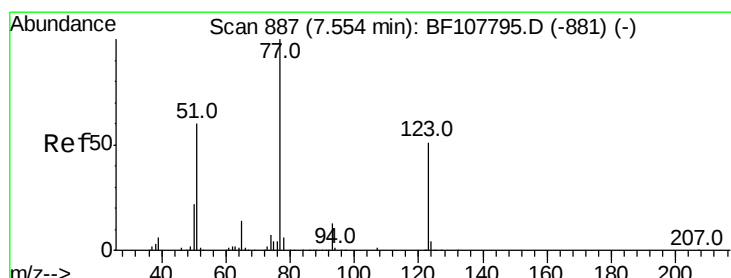
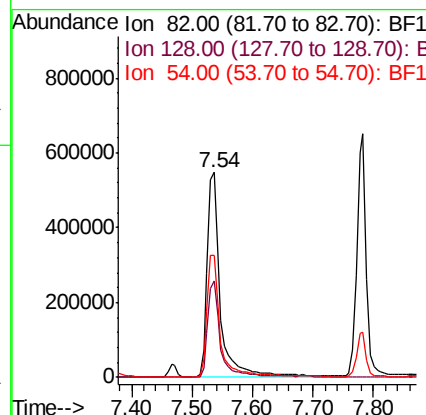
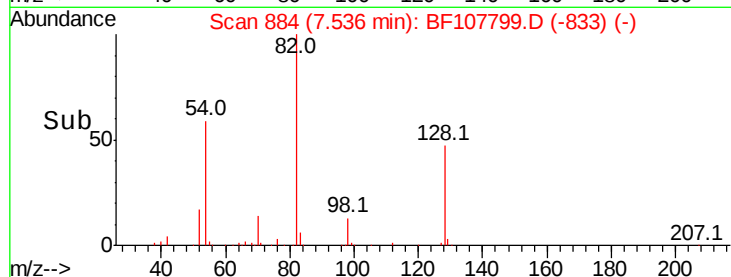
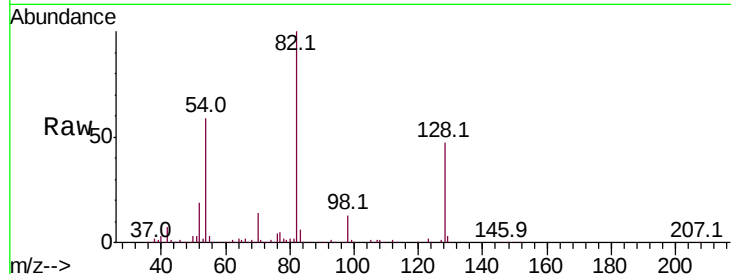
#23
Nitrobenzene-d5
Concen: 73.735 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	59.5	41.4	62.2

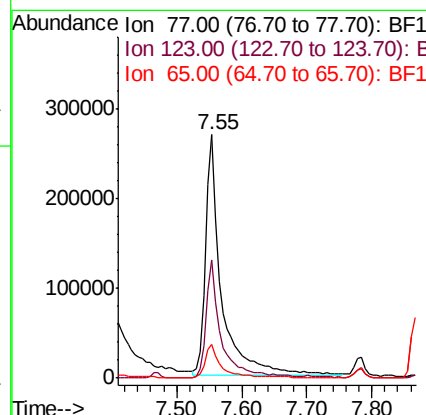
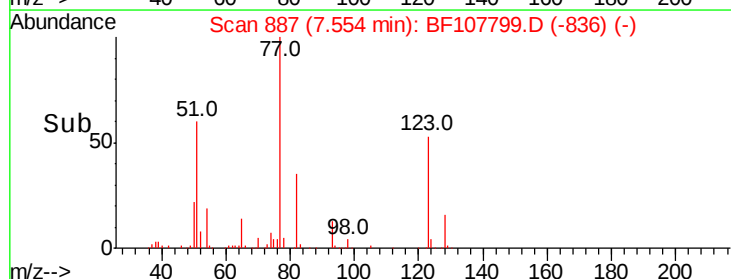
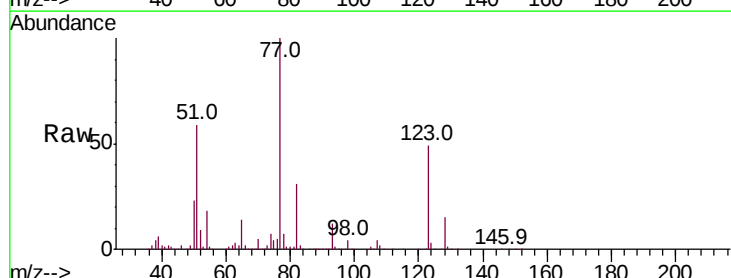
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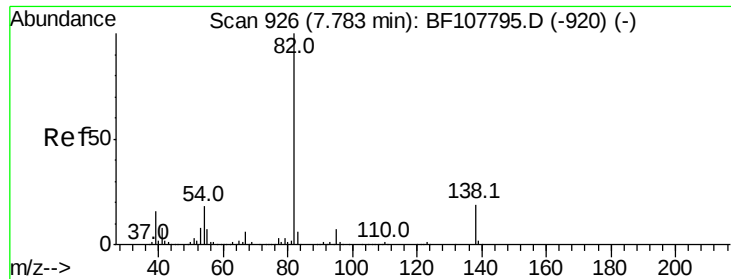
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#24
Nitrobenzene
Concen: 37.289 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.9	56.9
65	14.0	11.0	16.4





#25

Isophorone

Concen: 38.665 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

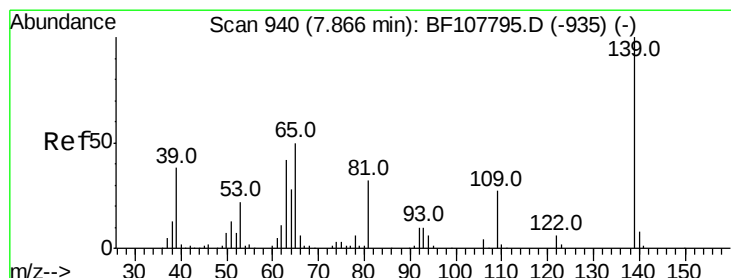
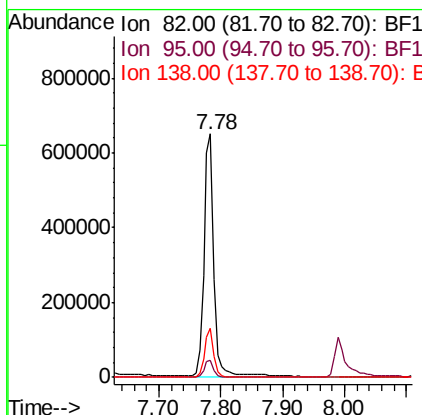
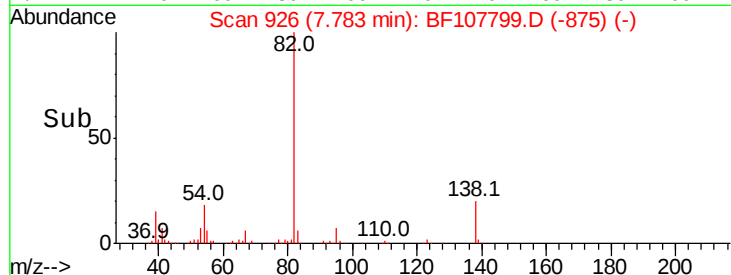
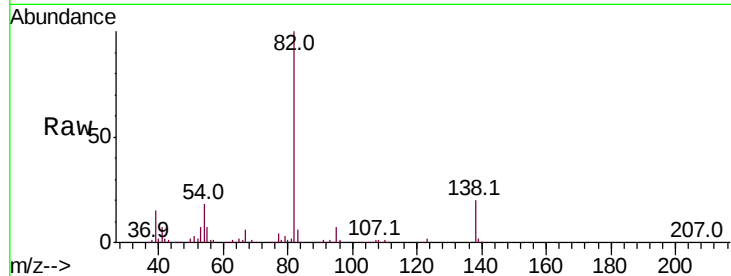
ClientSampleId :

ICVBF073018

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.2	7.8
138	20.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 40.285 ng

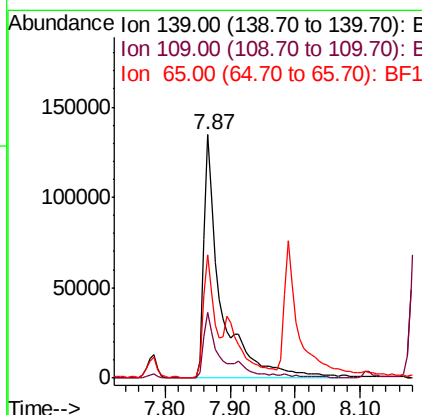
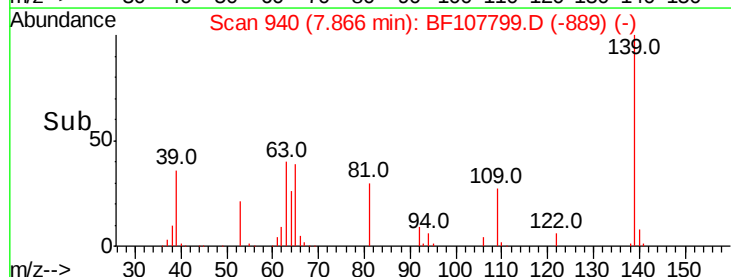
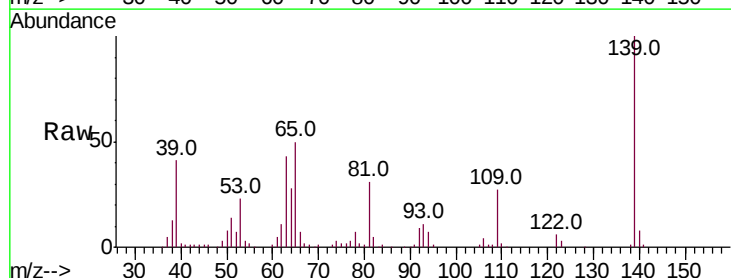
RT: 7.87 min Scan# 940

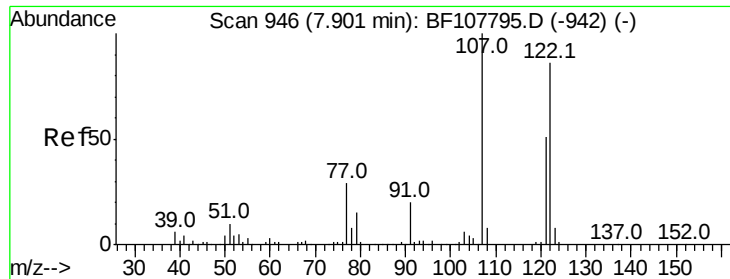
Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.0	22.7	34.1
65	50.4	40.5	60.7





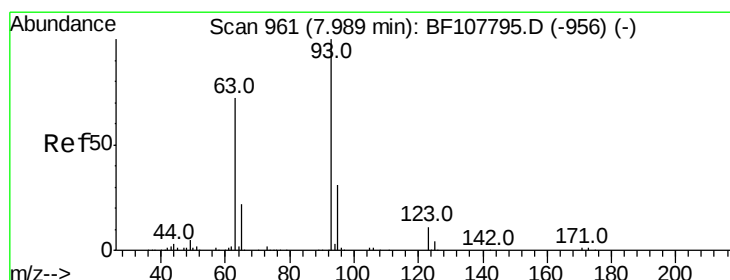
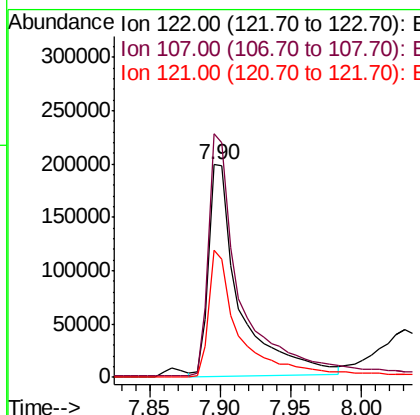
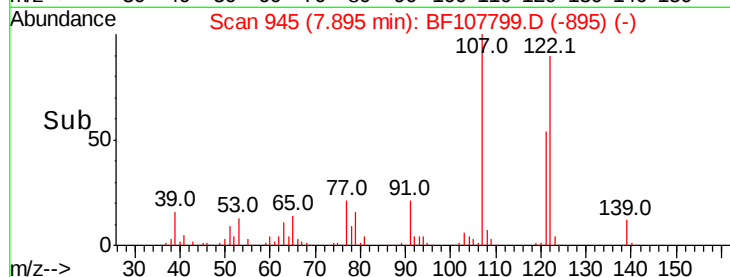
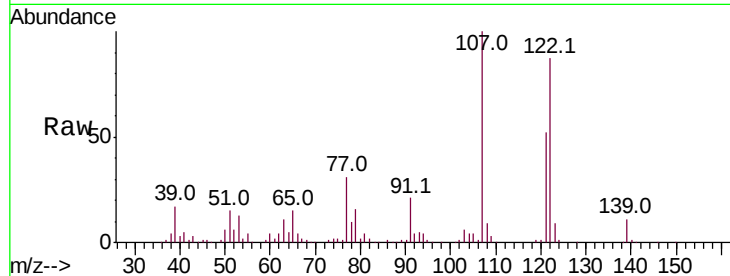
#27
 2,4-Dimethylphenol
 Concen: 37.440 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
122	100	305805		
107	114.5	91.2	136.8	
121	59.7	47.2	70.8	

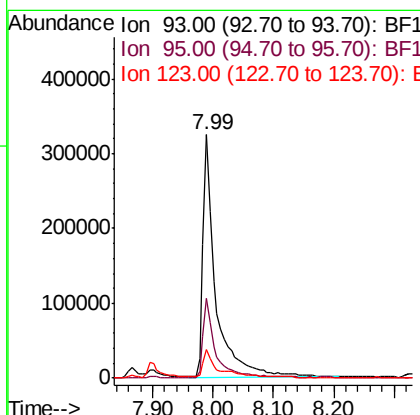
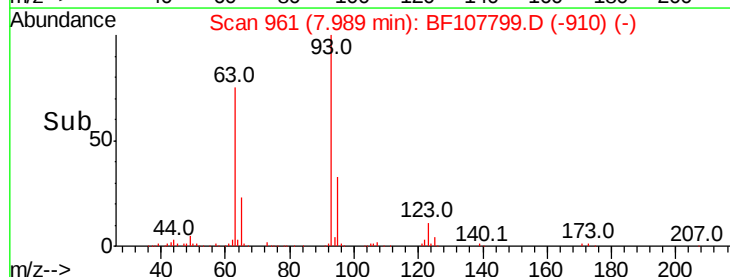
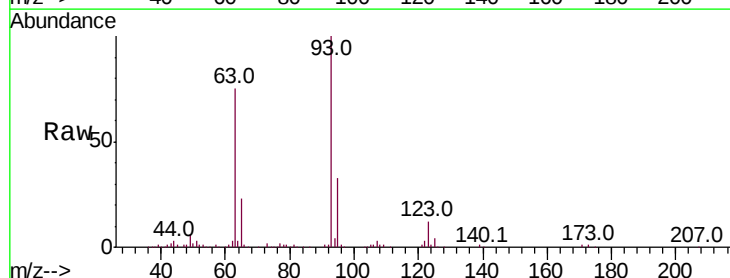
Manual Integrations
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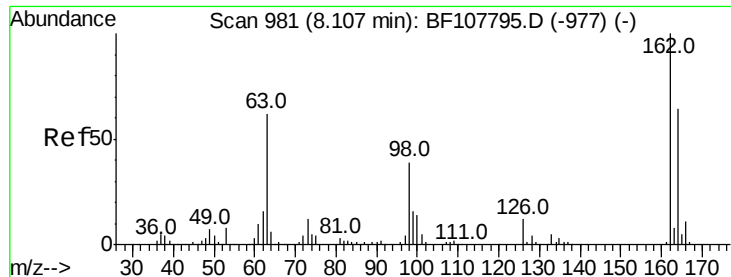
Sohil
 7/31/2018 2:42:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.405 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	481630		
95	32.6	26.3	39.5	
123	11.5	9.8	14.6	





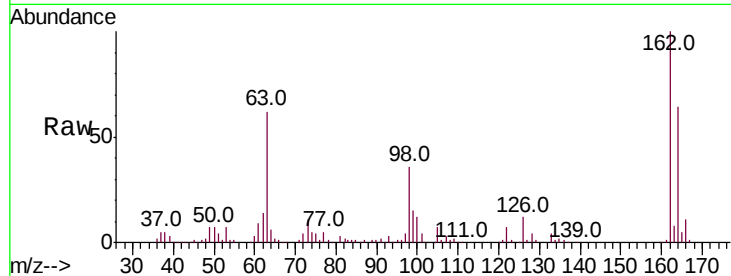
#29
2,4-Dichlorophenol
Concen: 38.885 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.3	42.7	82.7
98	36.1	18.1	58.1

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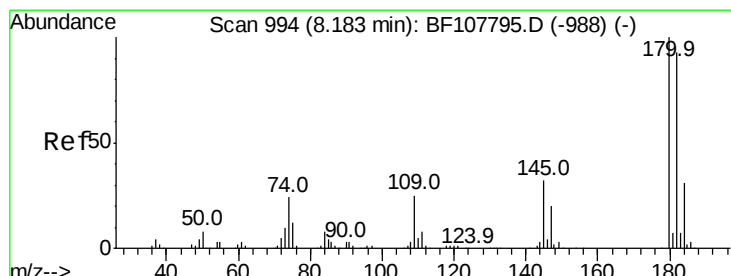
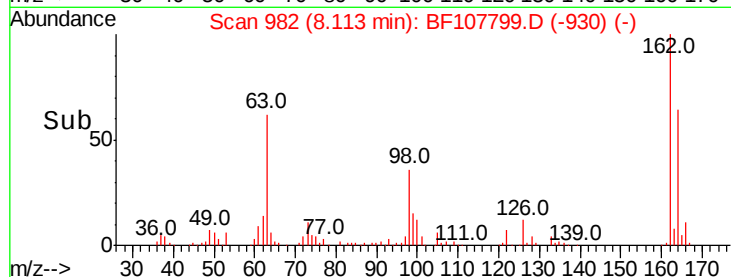
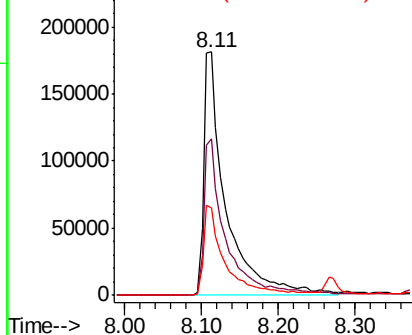


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.268 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

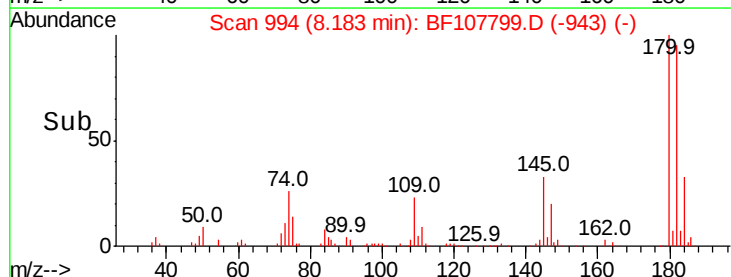
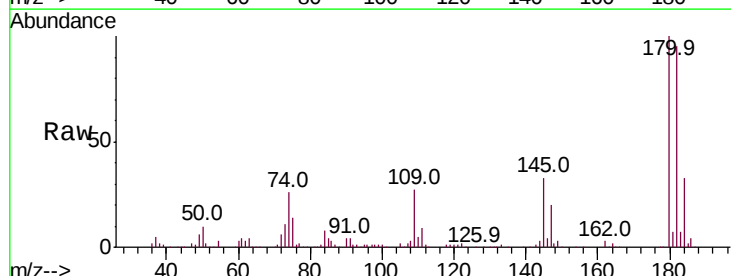
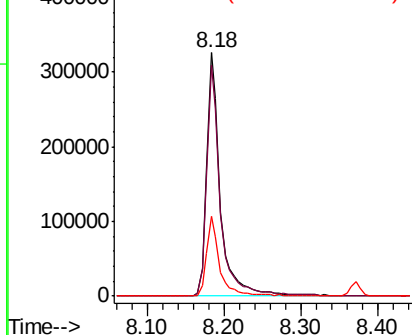
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	76.8	115.2
145	32.5	26.5	39.7

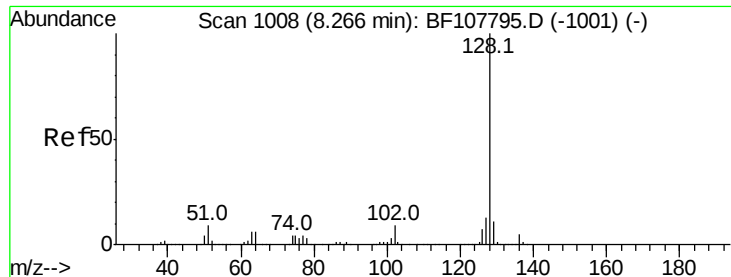
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.120 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

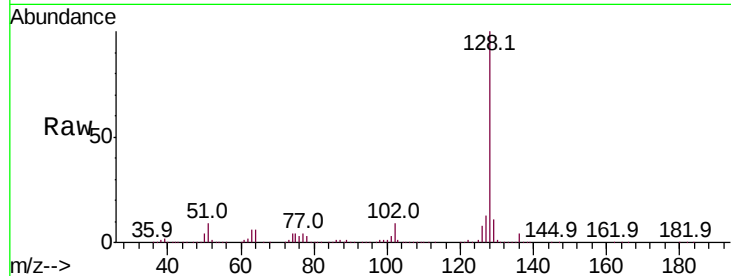
ClientSampleId :

ICVBF073018

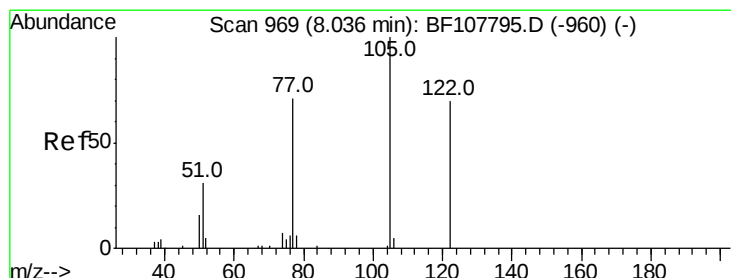
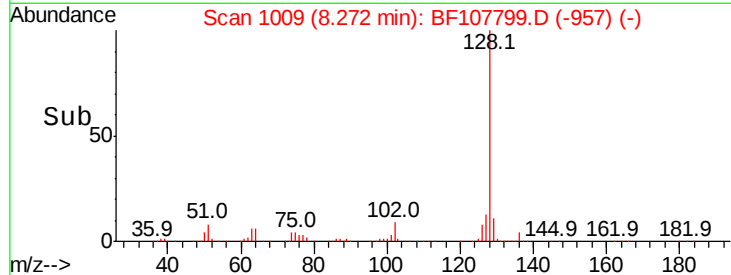
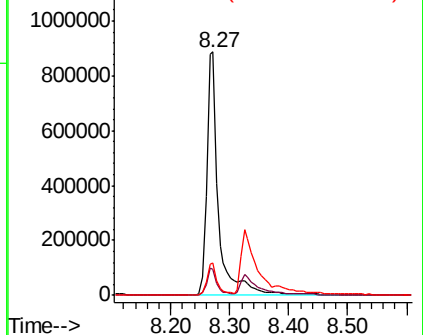
Tot Ion:	128	Resp:	1245534
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.5	10.9	16.3

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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: 37.206 ng m

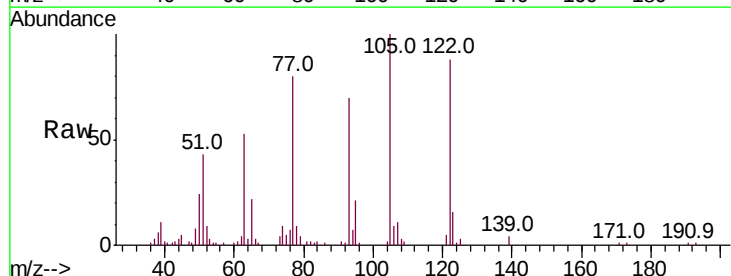
RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

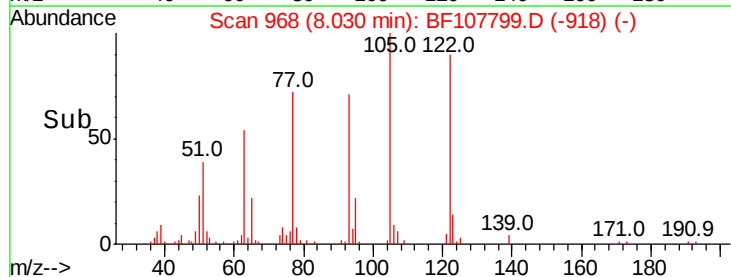
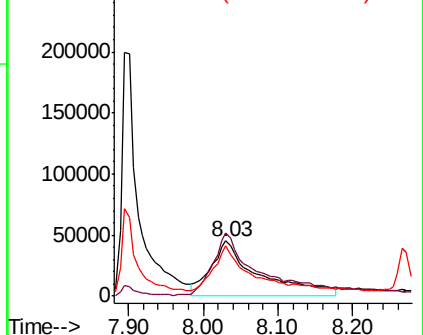
Lab File: BF107799.D

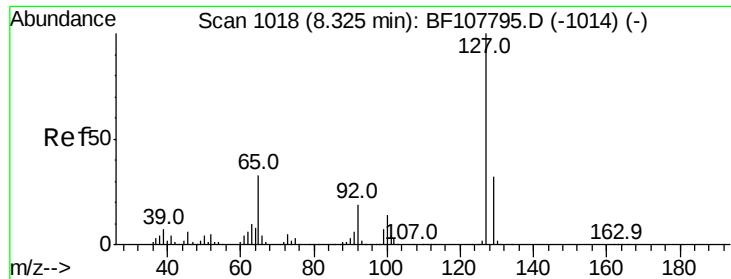
Acq: 30 Jul 2018 14:53

Tgt Ion:	122	Resp:	203716
Ion	Ratio	Lower	Upper
122	100		
105	113.8	101.1	141.1
77	91.3	70.7	110.7



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





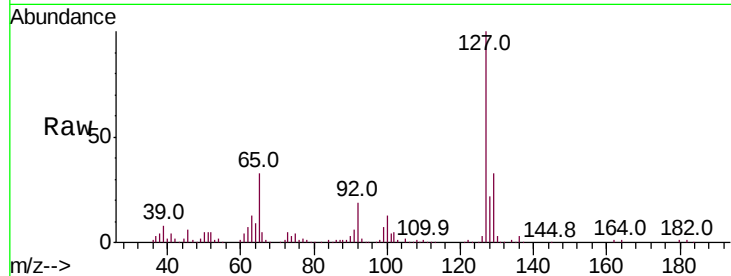
#33
4-Chloroaniline
Concen: 37.470 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.9	38.9	
65	32.5	25.0	37.4	
92	18.7	15.2	22.8	

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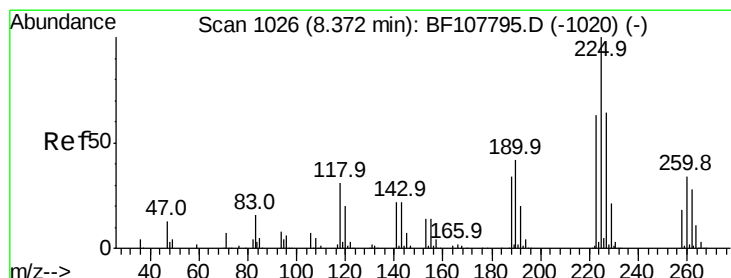
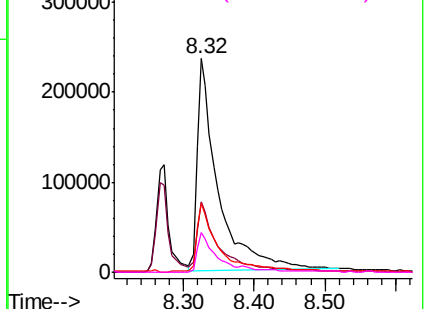
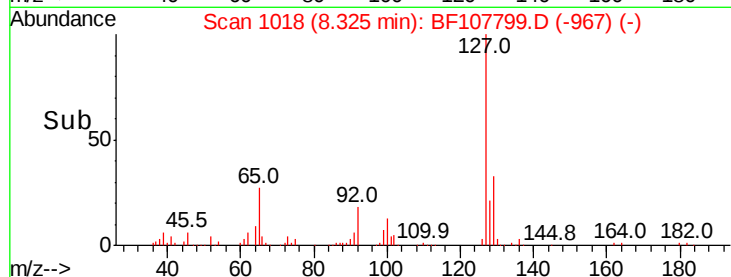
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

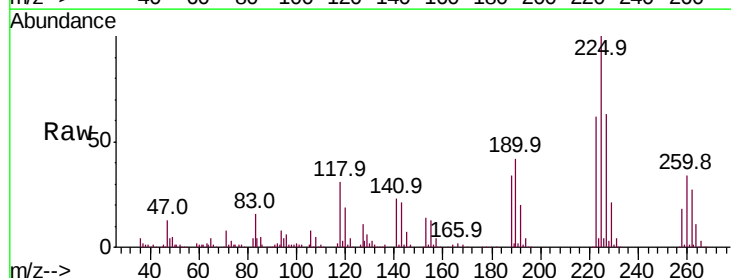
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.275 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	50.6	76.0	
227	63.1	51.9	77.9	

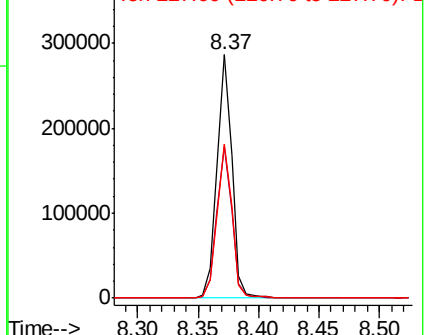
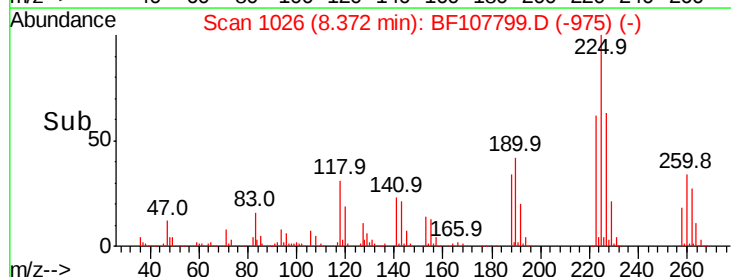


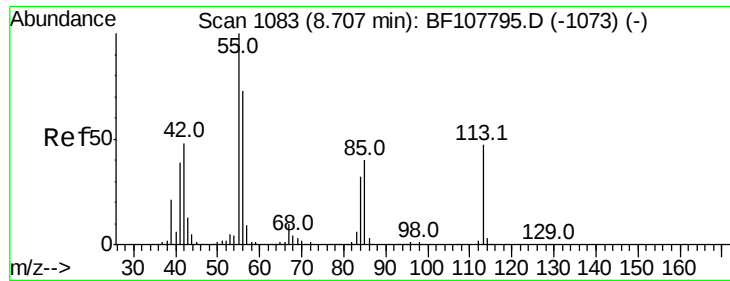
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.047 ng

RT: 8.70 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

ICVBF073018

Tot Ion:113 Resp: 105820

Ion Ratio Lower Upper

113 100

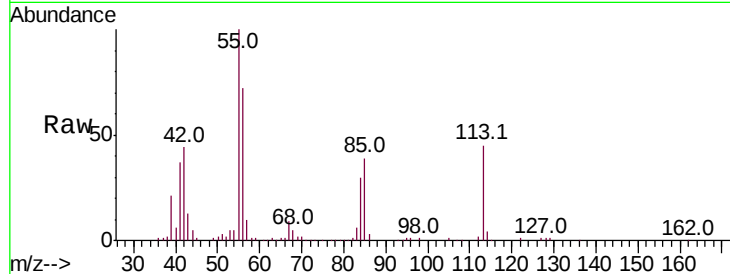
55 220.9 163.3 203.3#

56 158.3 115.7 155.7#

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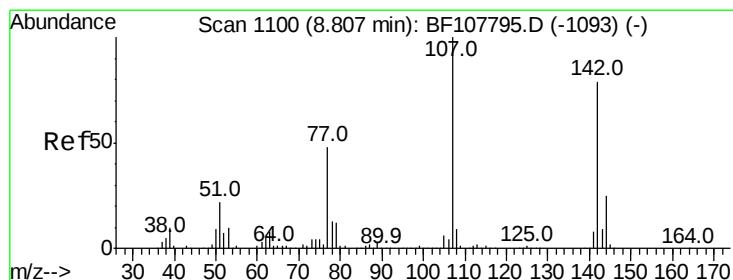
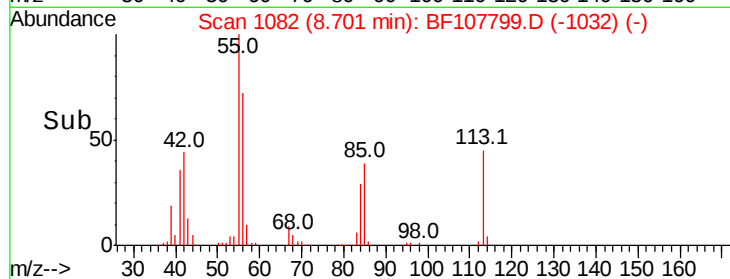
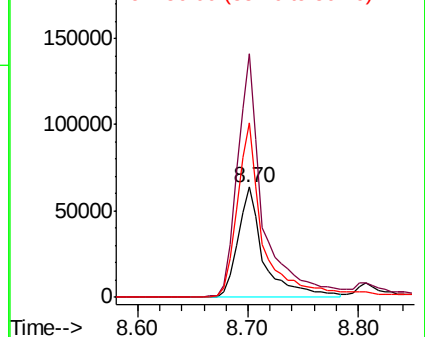
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.826 ng

RT: 8.81 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

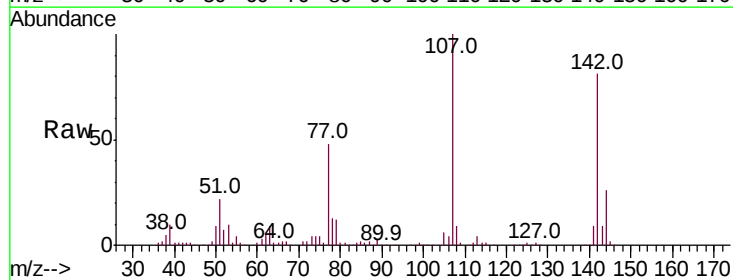
Tgt Ion:107 Resp: 399611

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

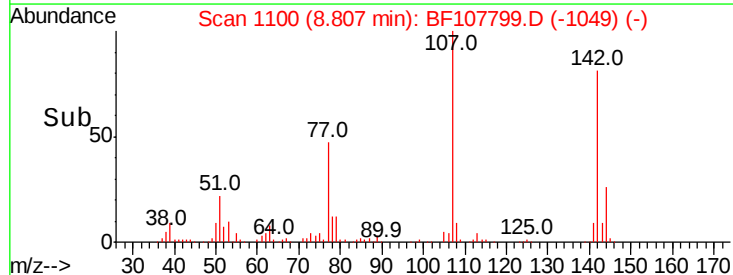
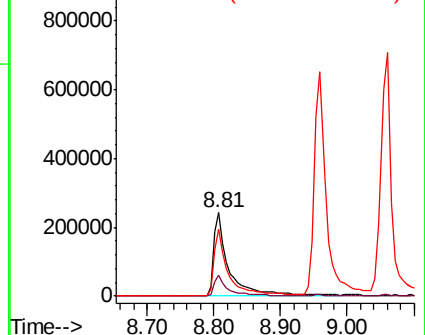
142 81.3 62.0 93.0

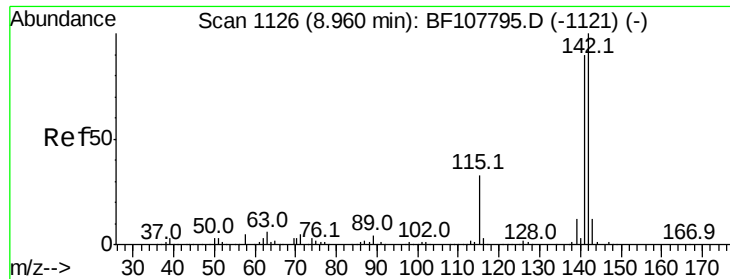


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





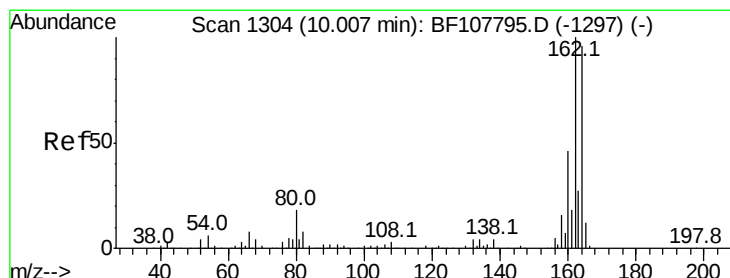
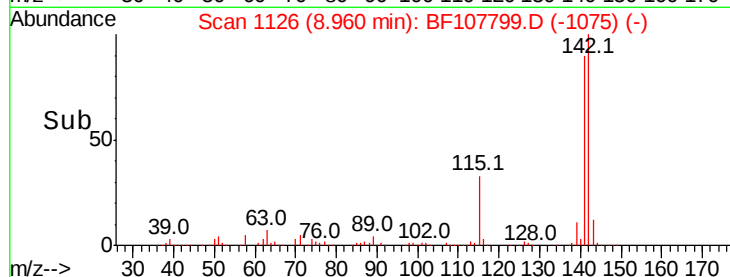
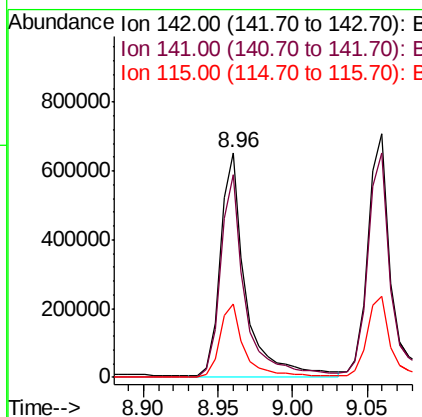
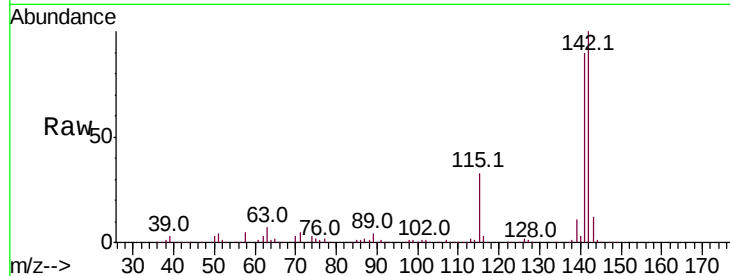
#37
2-Methylnaphthalene
Concen: 39.806 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
142	100	776267		
141	90.0		70.8	106.2
115	32.9		26.1	39.1

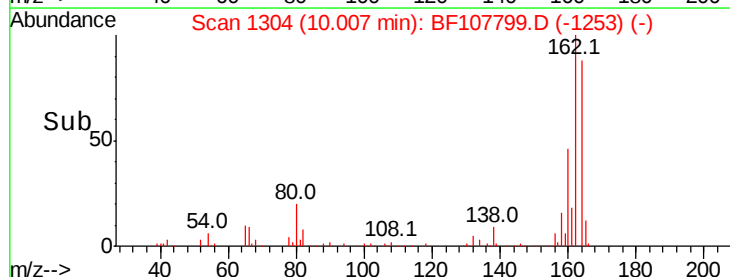
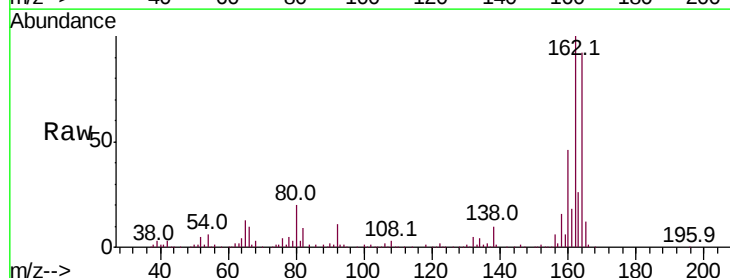
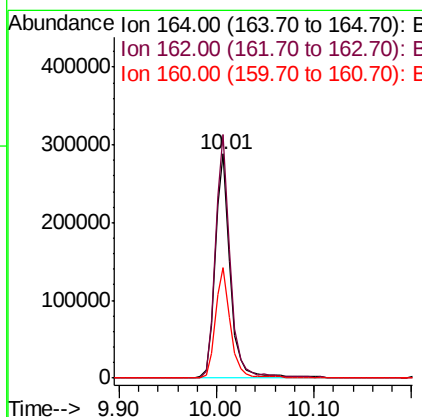
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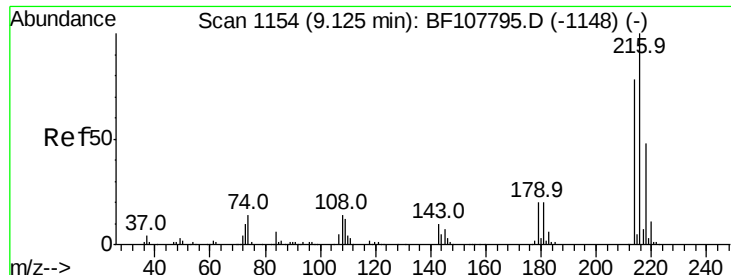
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	307010		
162	108.6		86.1	129.1
160	49.5		38.3	57.5





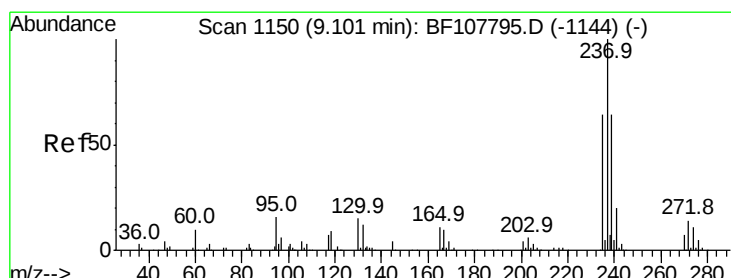
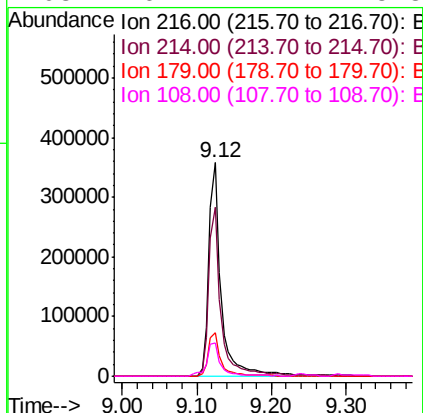
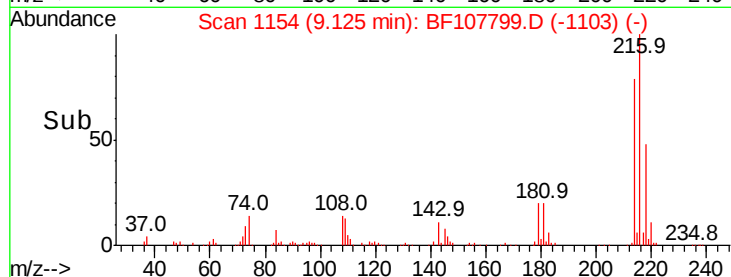
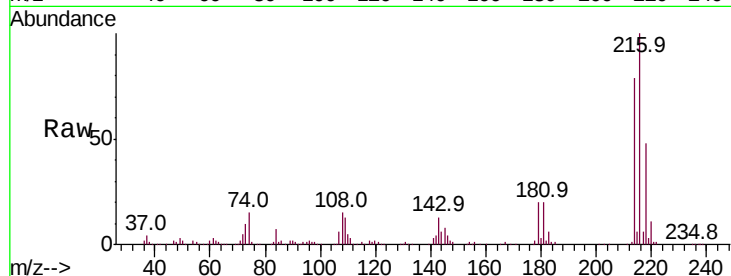
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.995 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
216	100	418644		
214	79.1	63.0	94.4	
179	20.1	18.1	27.1	
108	16.7	17.2	25.8	

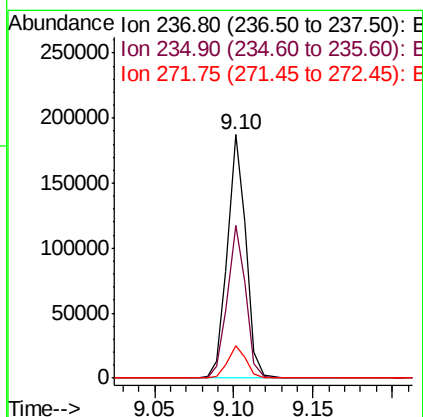
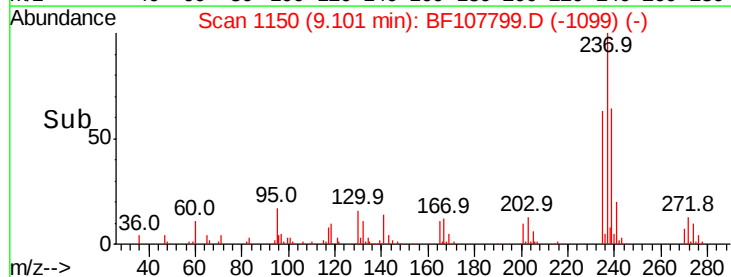
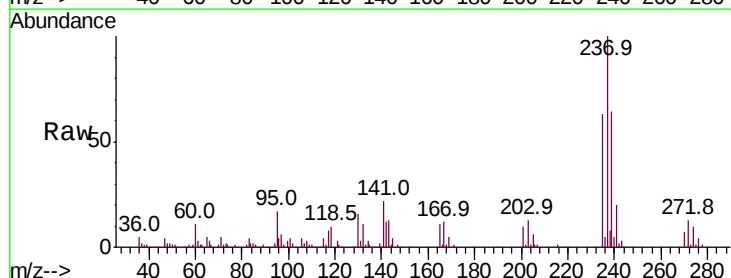
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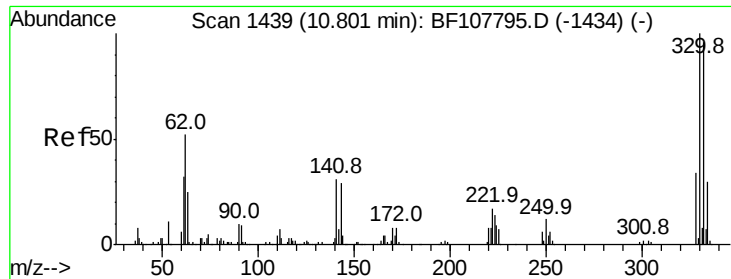
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#40
 Hexachlorocyclopentadiene
 Concen: 38.011 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	151949		
235	62.6	44.8	84.8	
272	13.1	0.0	33.3	





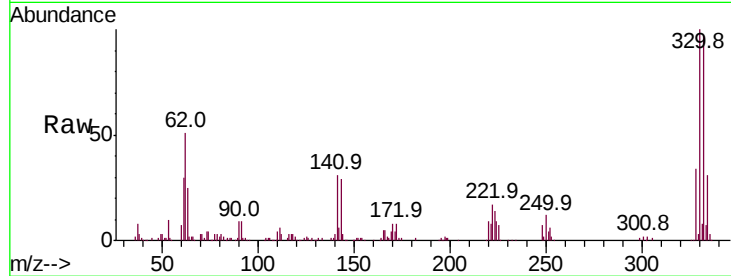
#41
 2,4,6-Tribromophenol
 Concen: 78.166 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	26.6	29.9	44.9#

Manual Integrations
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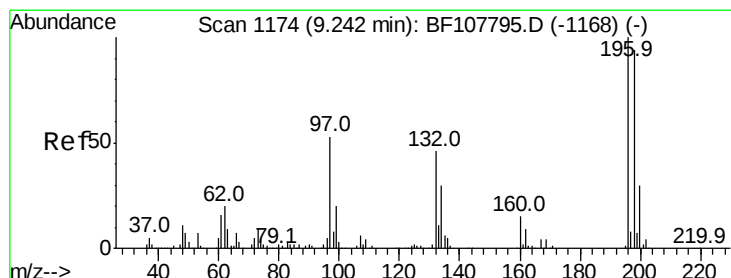
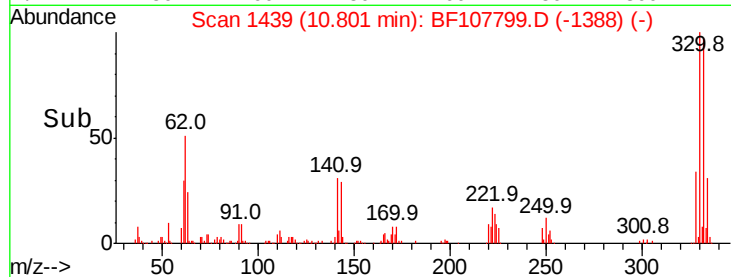
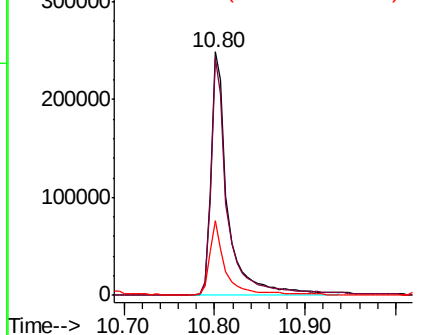


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.088 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

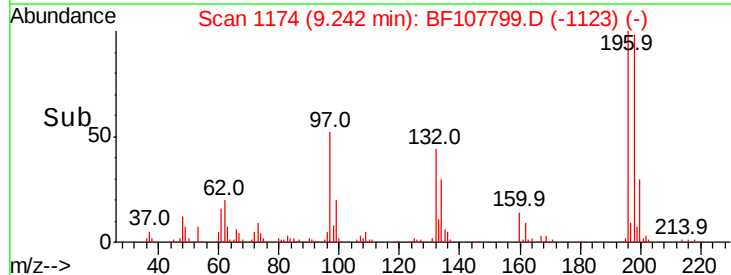
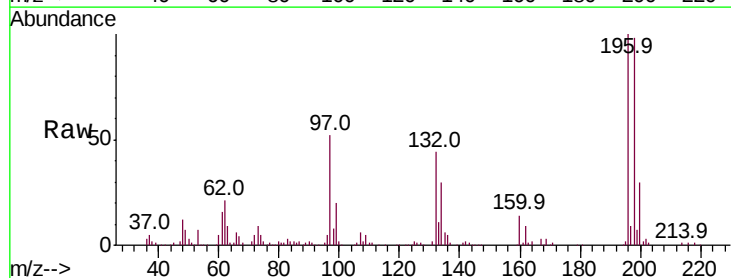
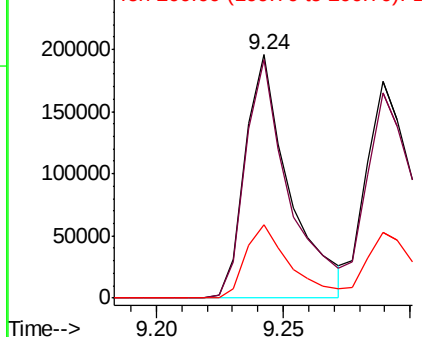
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
200	30.2	24.5	36.7

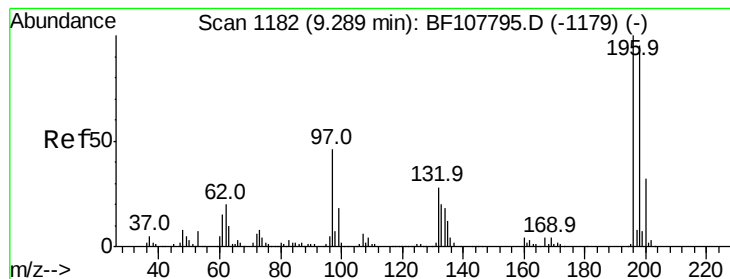
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





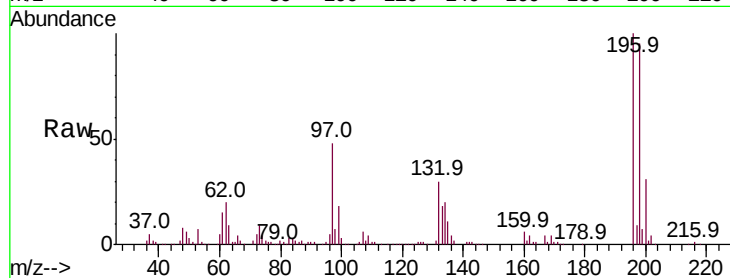
#43
2,4,5-Trichlorophenol
Concen: 42.830 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	47.6	42.9	64.3
132	30.1	26.3	39.5

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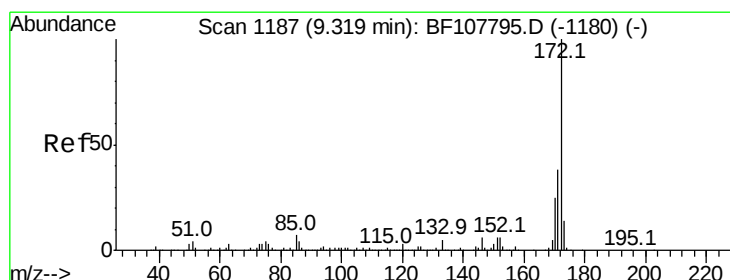
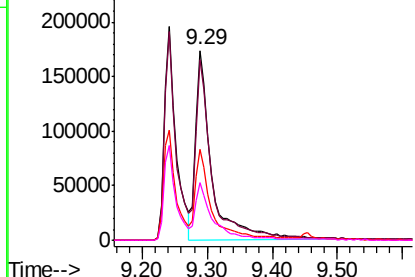
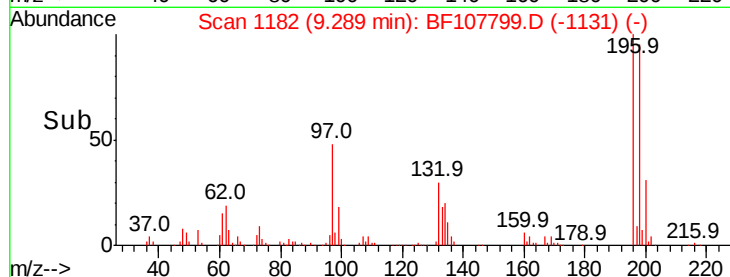
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

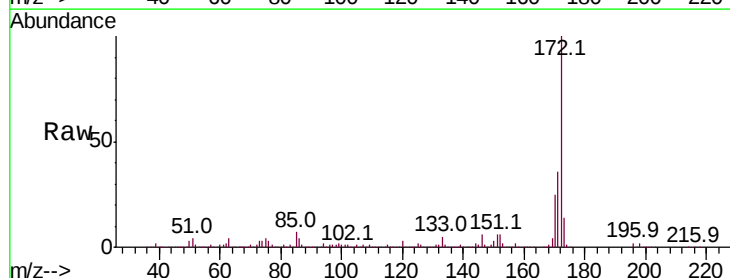
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 78.698 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.9	19.6	29.4

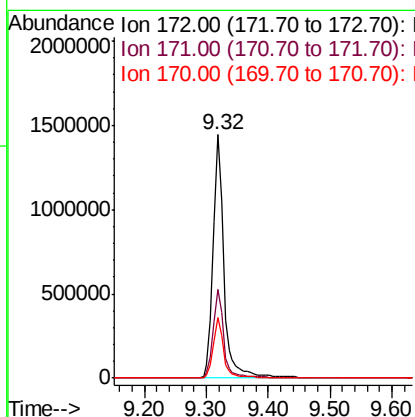
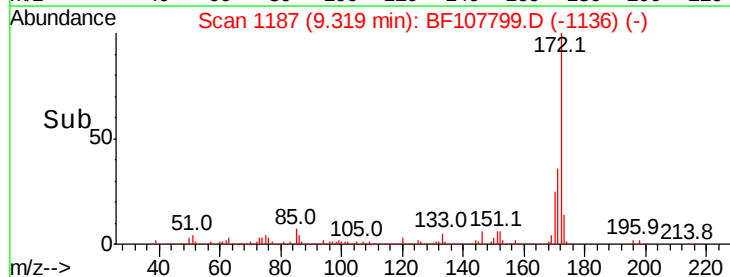


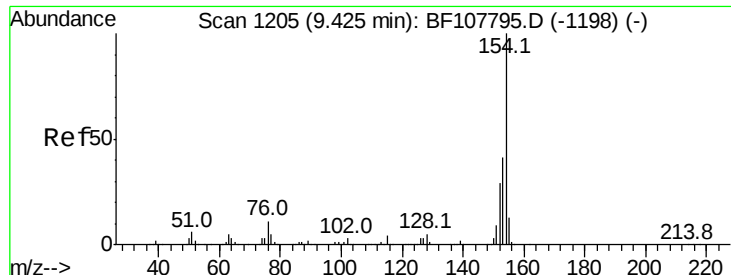
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





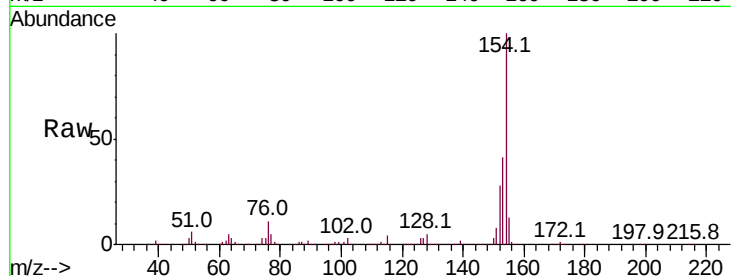
#45
 1,1'-Biphenyl
 Concen: 39.944 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	10.9	0.0	34.0

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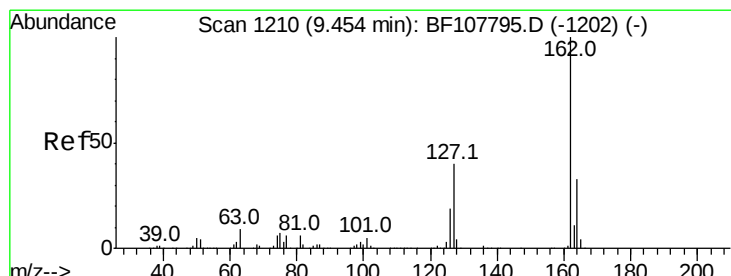
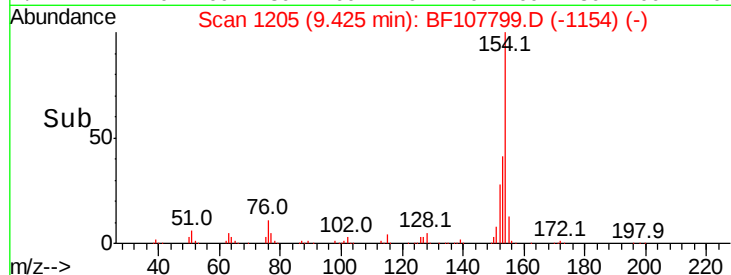
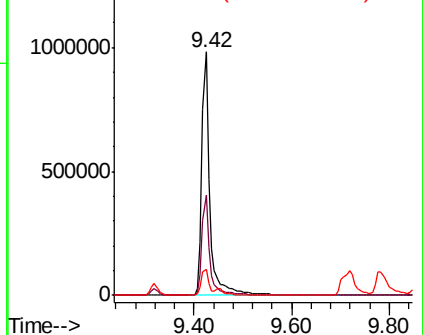


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 39.428 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

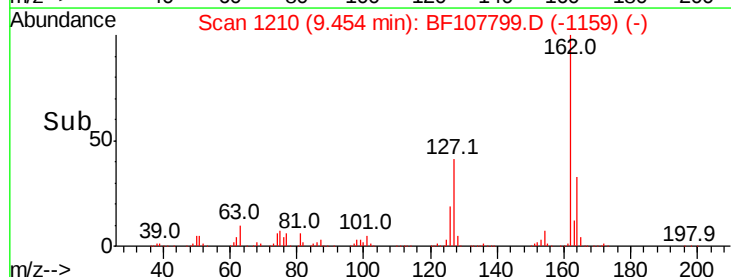
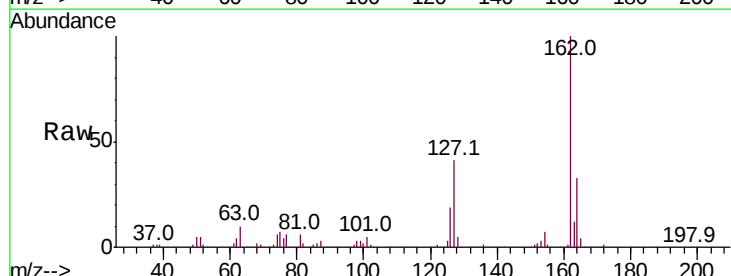
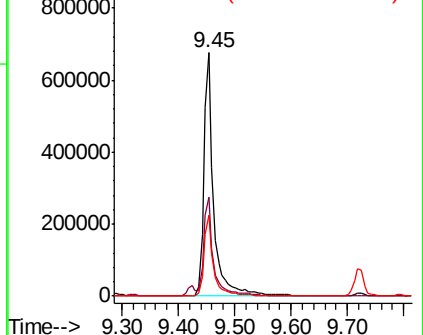
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.9	50.9
164	33.3	26.5	39.7

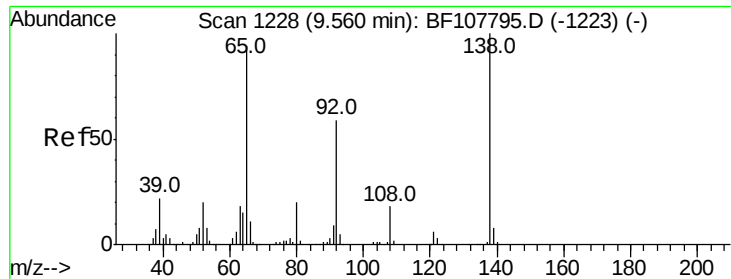
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





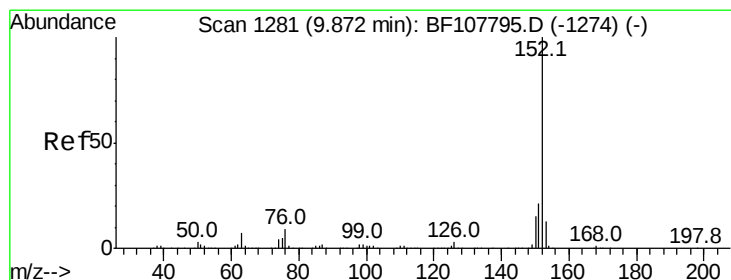
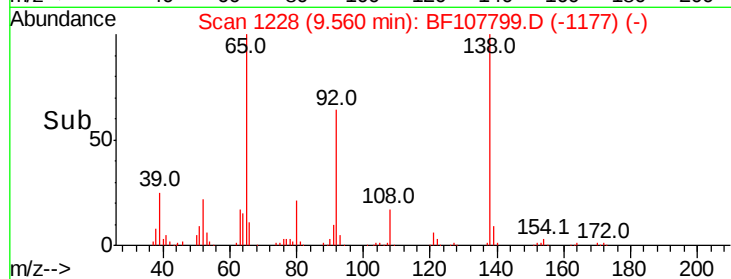
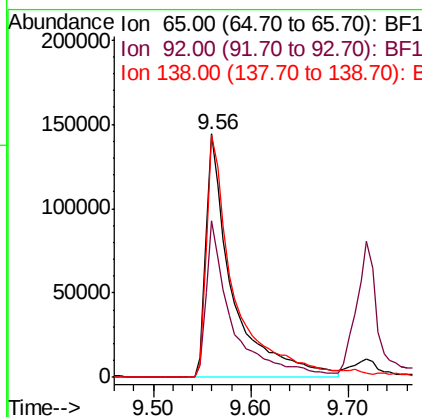
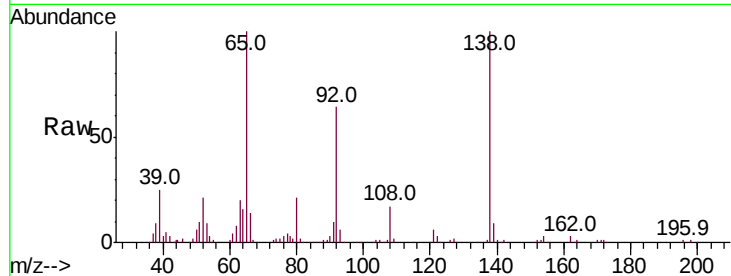
#47
2-Nitroaniline
Concen: 39.560 ng
RT: 9.56 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.1	55.8	83.6
138	99.6	91.2	136.8

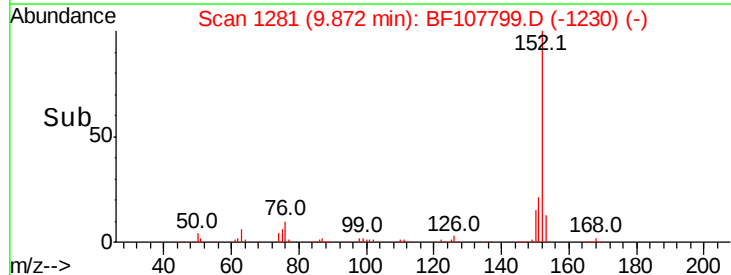
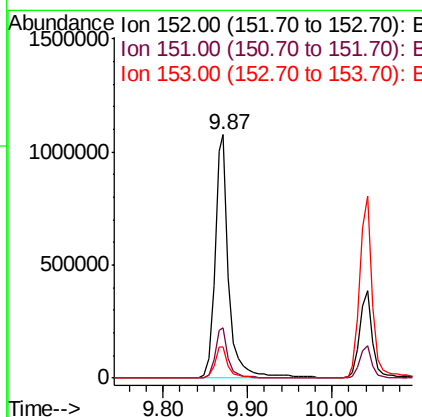
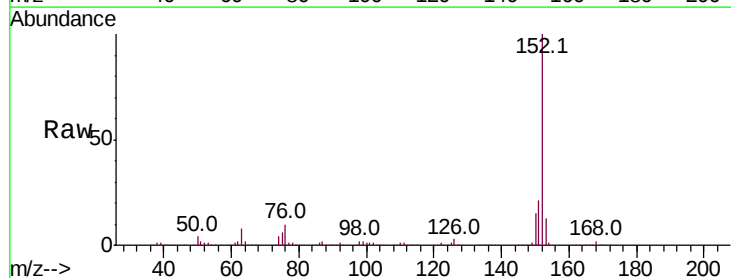
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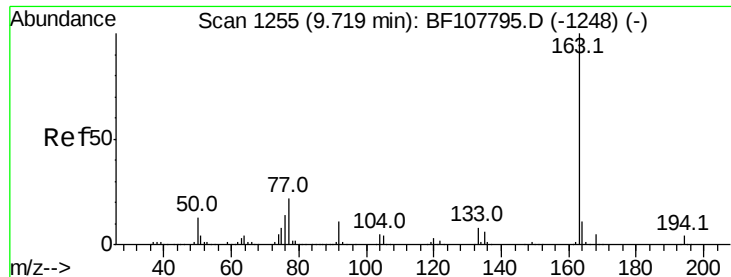
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#48
Acenaphthylene
Concen: 37.894 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	12.9	10.7	16.1





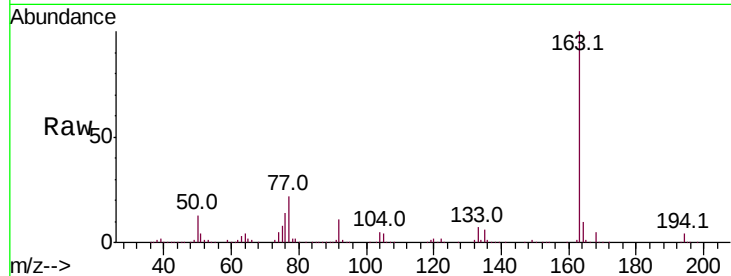
#49
Dimethylphthalate
Concen: 39.299 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

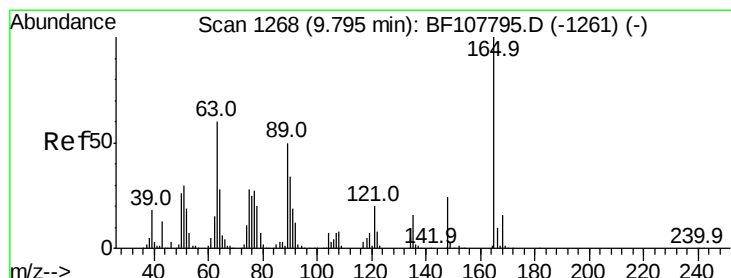
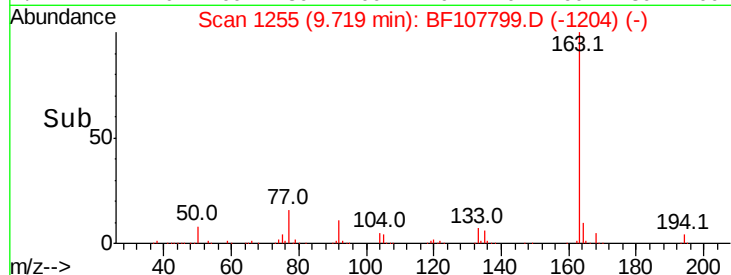
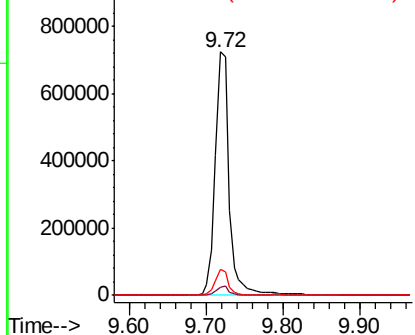
Tot Ion	Ratio	Resp	Lower	Upper
163	100	906103		
194	3.5		2.7	4.1
164	10.5		8.2	12.2

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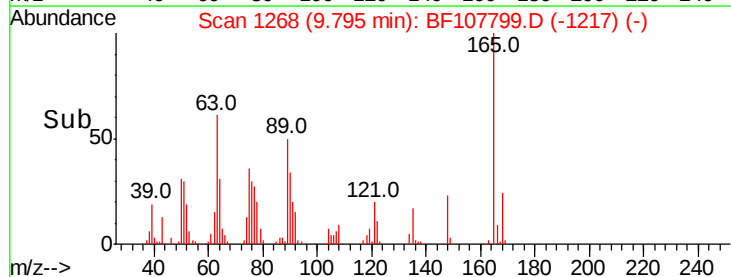
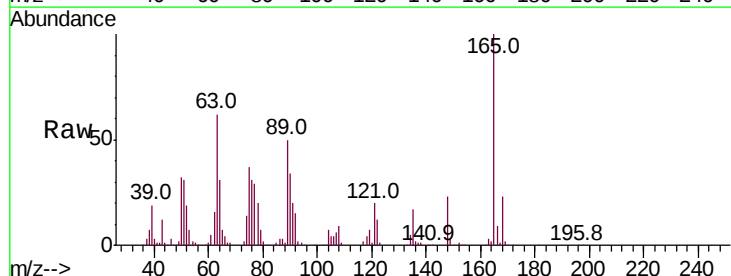
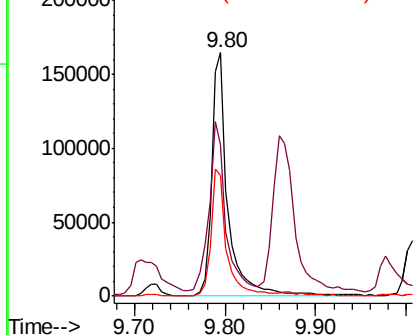
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

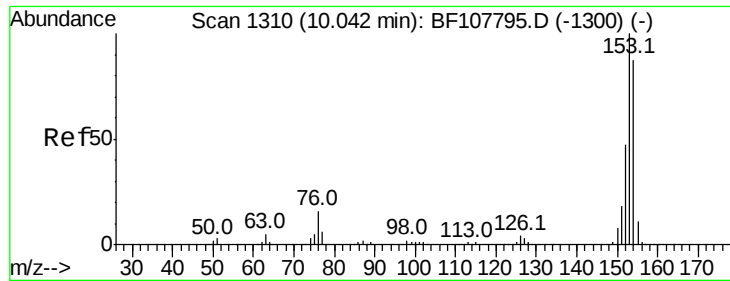


#50
2,6-Dinitrotoluene
Concen: 40.888 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204875		
63	62.3		44.7	67.1
89	49.8		44.0	66.0

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





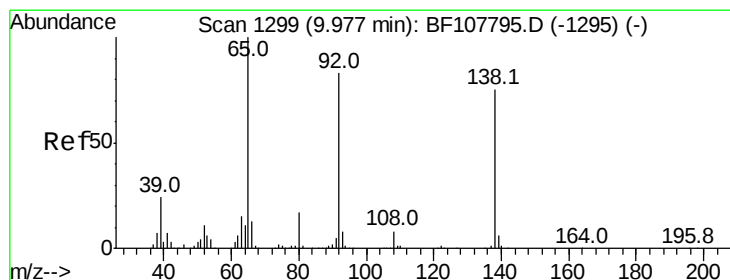
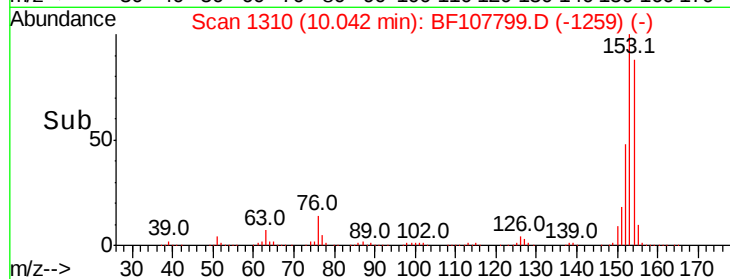
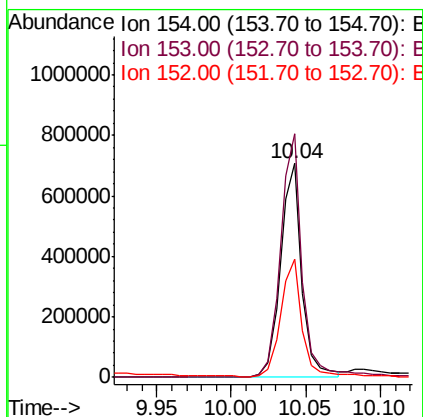
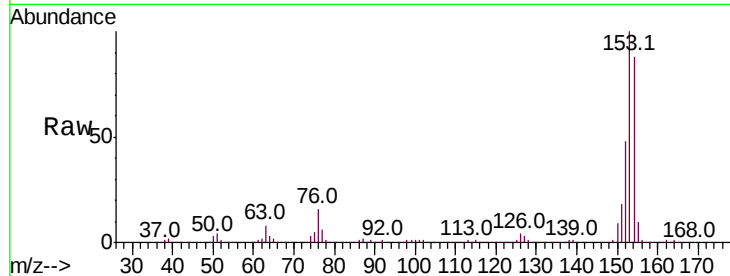
#51
Acenaphthene
Concen: 37.283 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	55.1	43.8	65.8

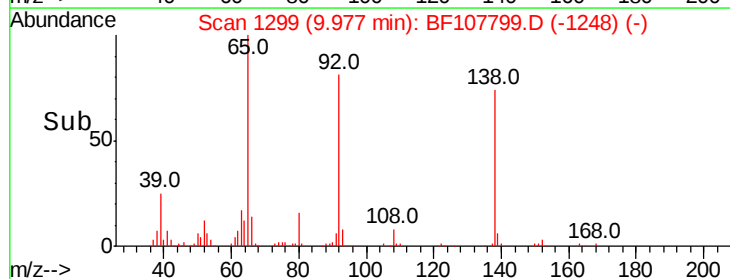
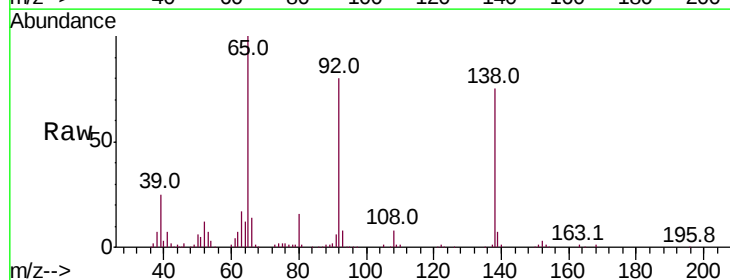
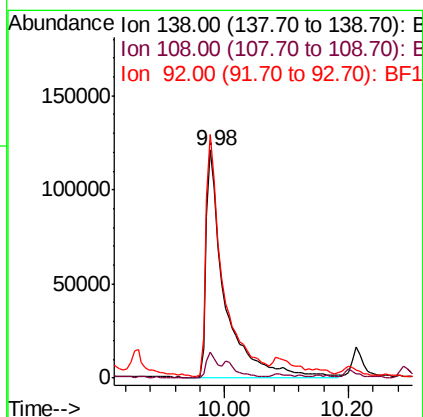
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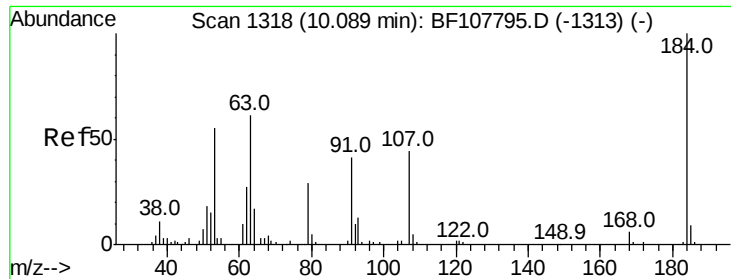
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#52
3-Nitroaniline
Concen: 39.392 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.4	14.0
92	106.8	89.4	134.2





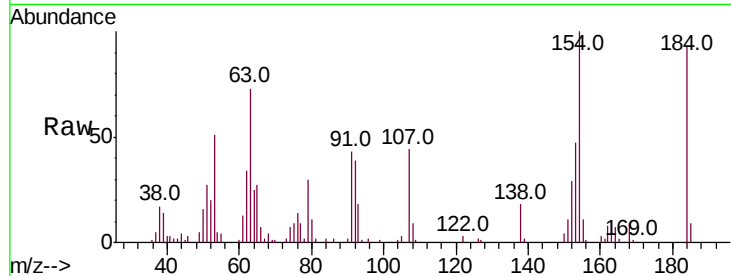
#53
 2,4-Dinitrophenol
 Concen: 36.537 ng
 RT: 10.09 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

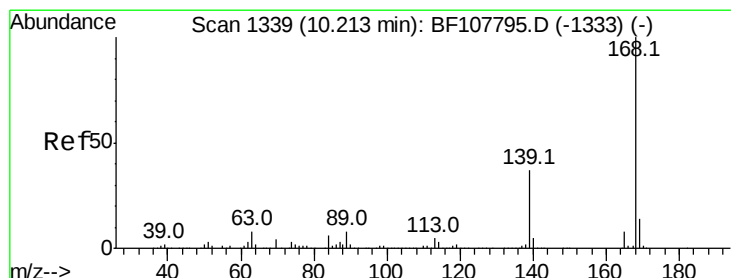
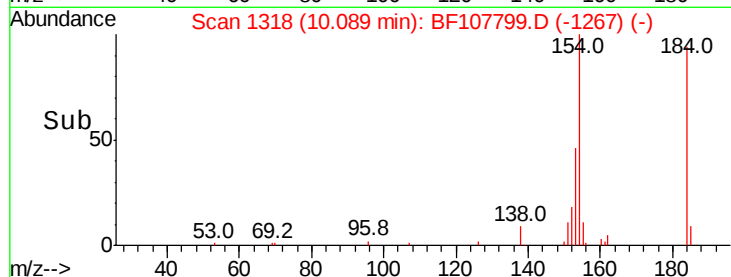
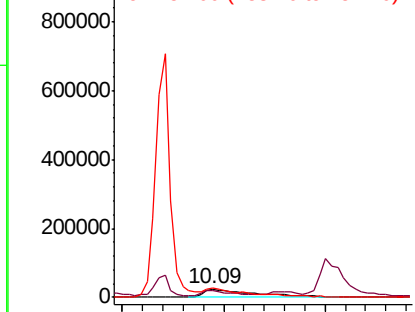
Tot Ion	Ratio	Lower	Upper
184	100		
63	78.7	54.2	81.2
154	108.1	184.0	276.0#

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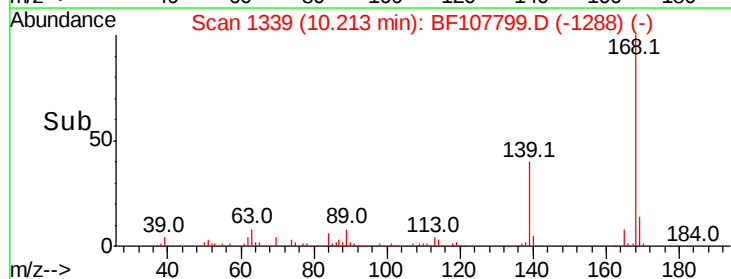
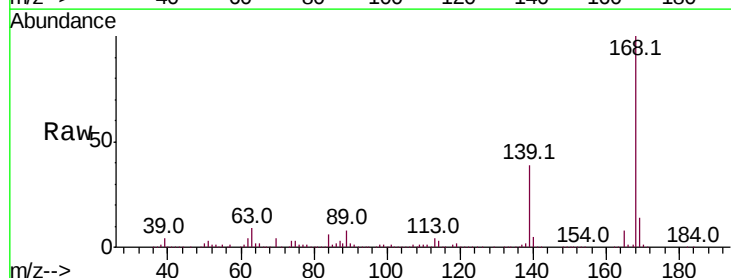
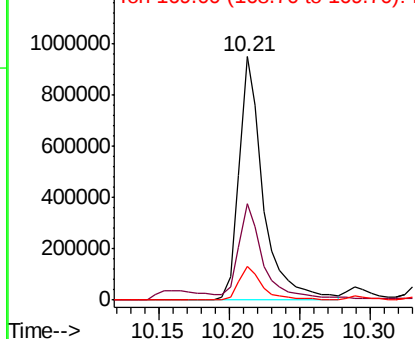
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

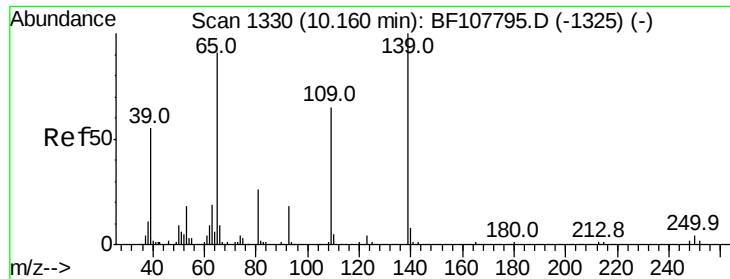


#54
 Dibenzofuran
 Concen: 38.650 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	13.7	10.9	16.3

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





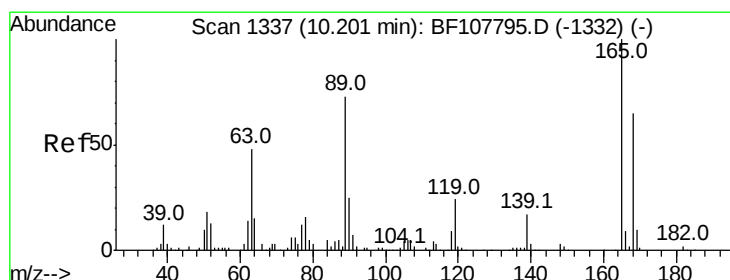
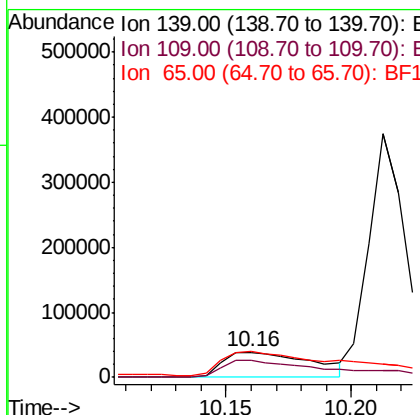
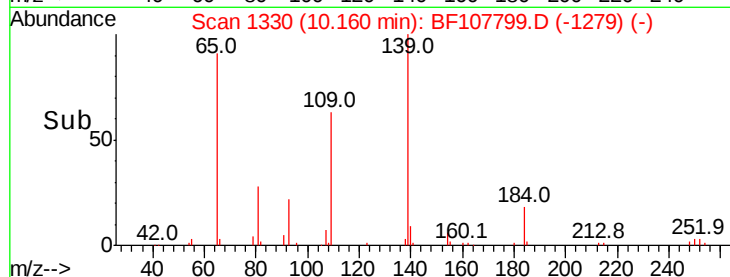
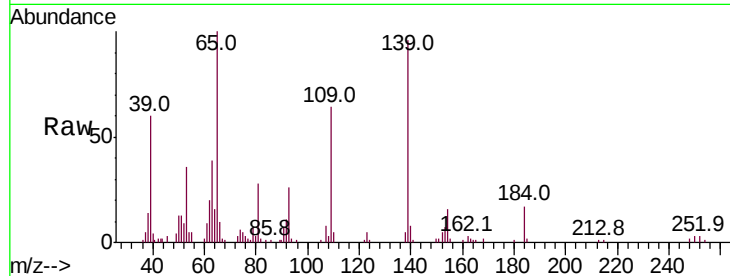
#55
4-Nitrophenol
Concen: 37.396 ng/ml
RT: 10.16 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.3	48.4	88.4
65	104.2	72.6	112.6

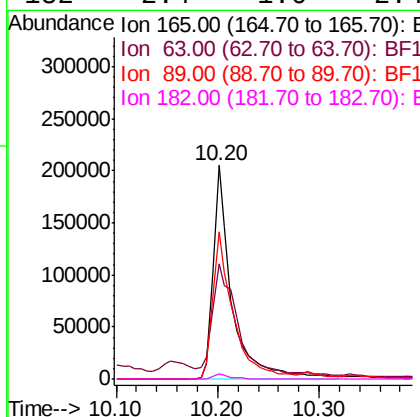
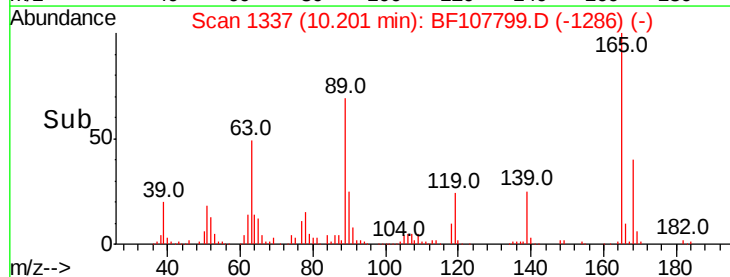
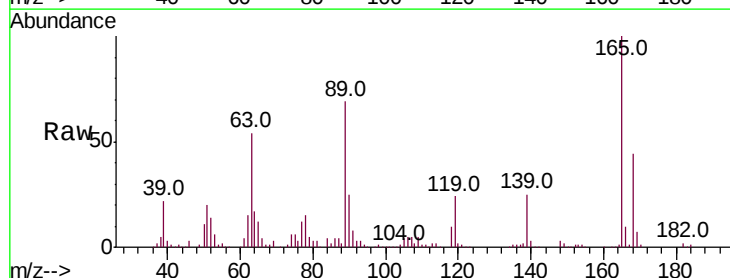
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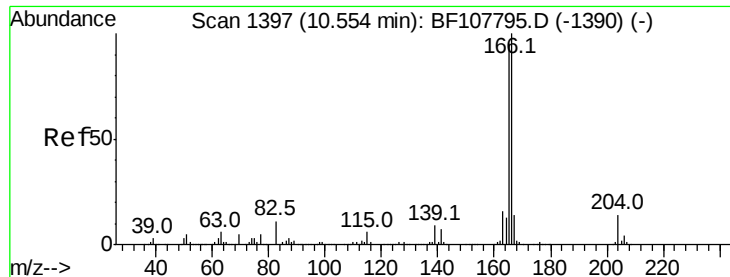
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#56
2,4-Dinitrotoluene
Concen: 39.883 ng/ml
RT: 10.20 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.0	36.4	54.6
89	69.0	57.8	86.6
182	2.4	1.6	2.4





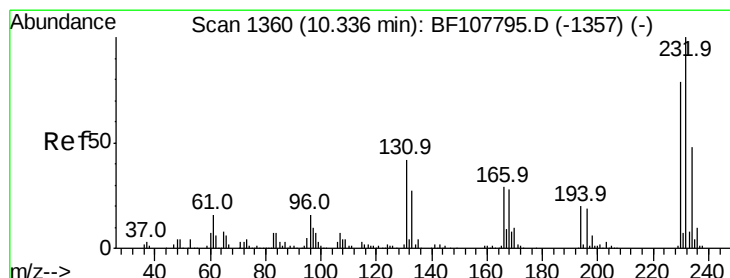
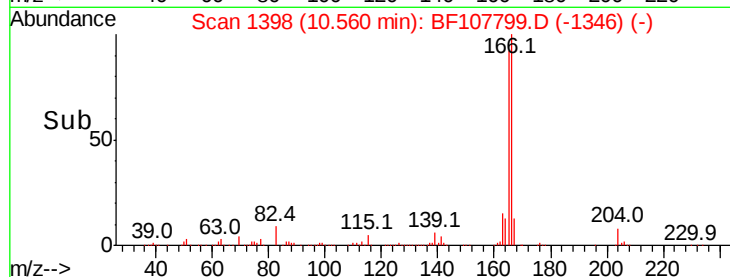
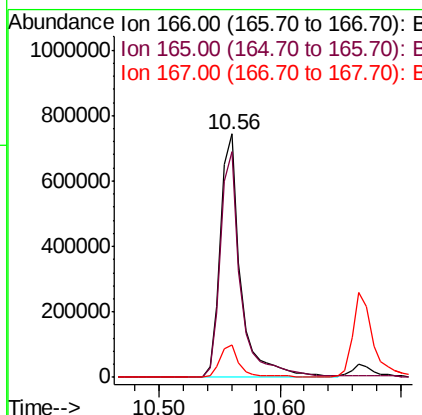
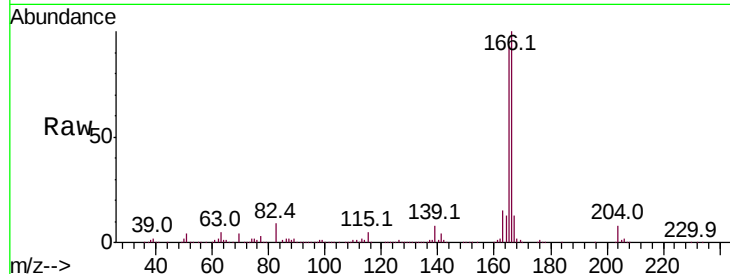
#57
 Fluorene
 Concen: 38.035 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	92.9	79.8	119.8	
167	13.2	10.6	16.0	

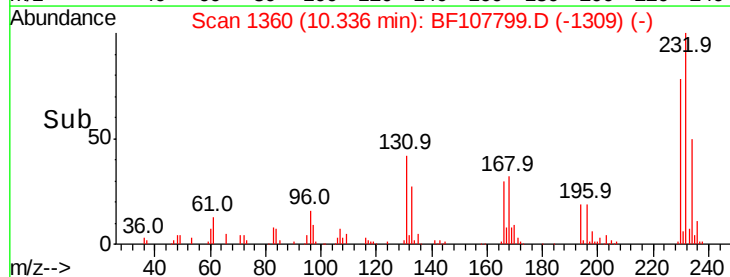
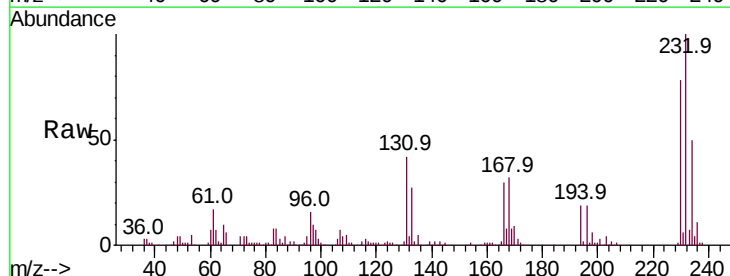
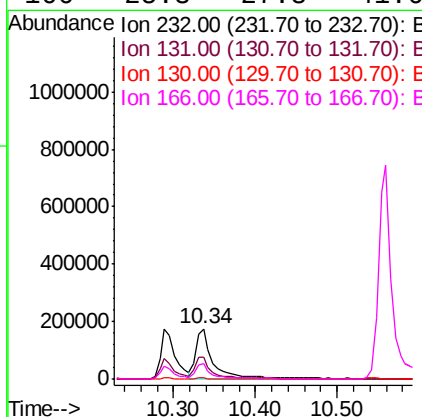
Manual Integrations
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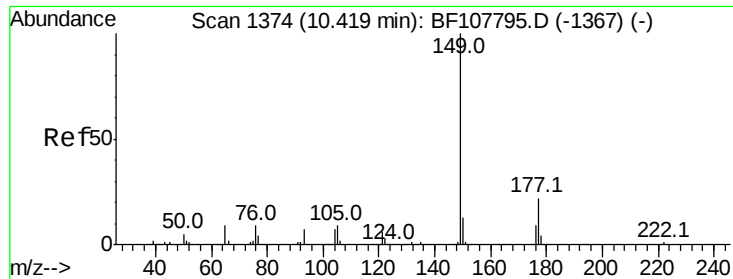
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.844 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	38.1	43.8	65.8#	
130	1.9	2.1	3.1#	
166	25.3	27.8	41.6#	





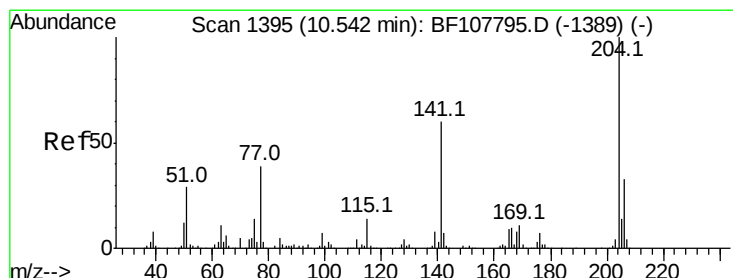
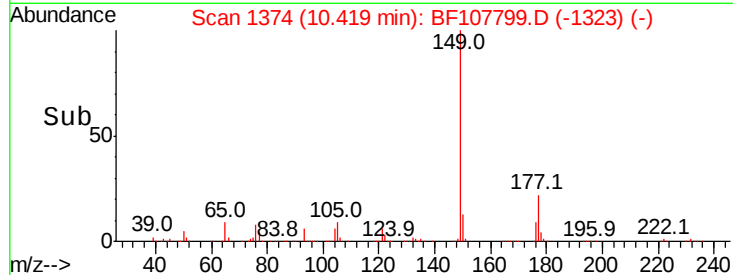
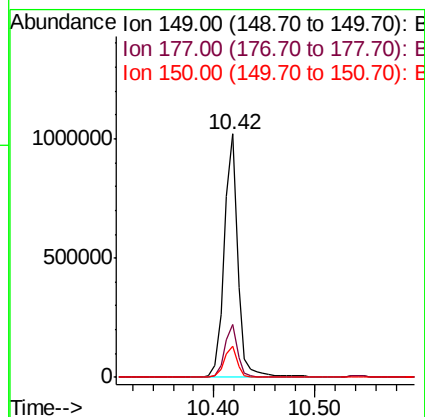
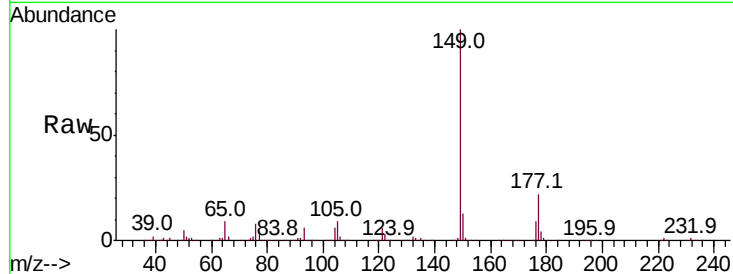
#59
Diethylphthalate
Concen: 38.431 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampled :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.9	10.1	15.1

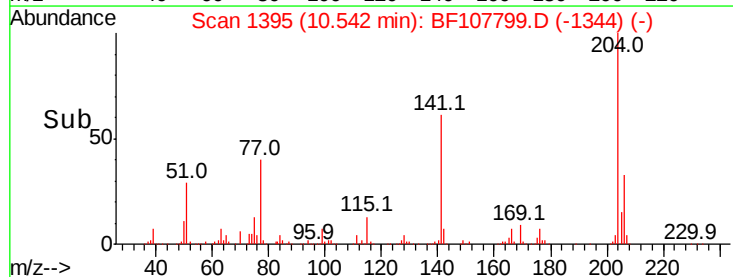
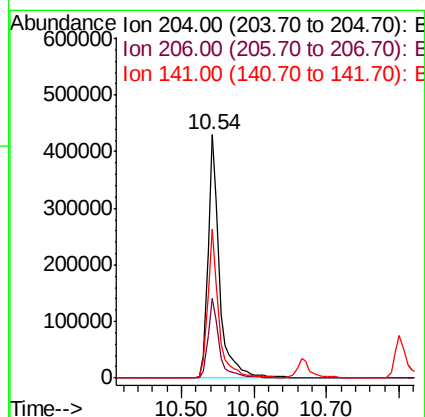
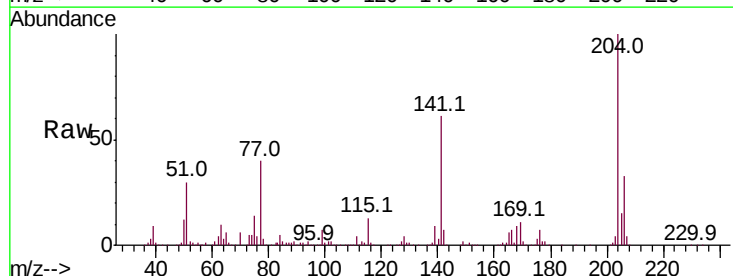
Manual Integrations
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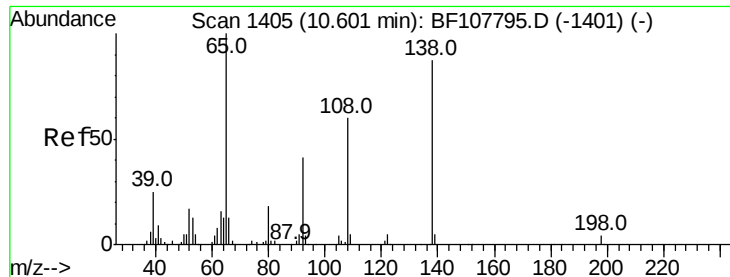
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.498 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	61.4	54.6	81.8





#61

4-Nitroaniline

Concen: 40.709 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

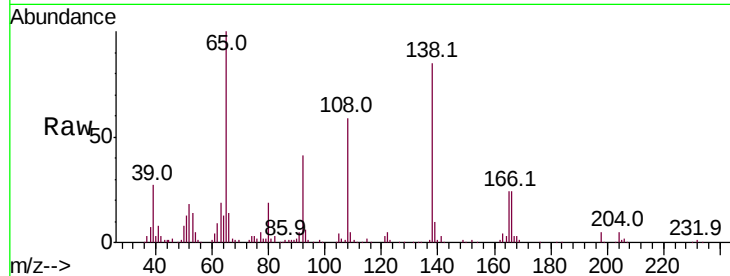
ClientSampleId :

ICVBF073018

Tot Ion:	138	Resp:	228106
Ion Ratio	Lower	Upper	
138	100		
92	47.6	30.2	70.2
108	68.8	52.5	92.5

Manual Integrations
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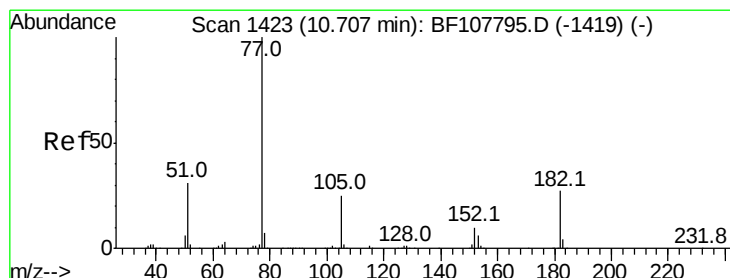
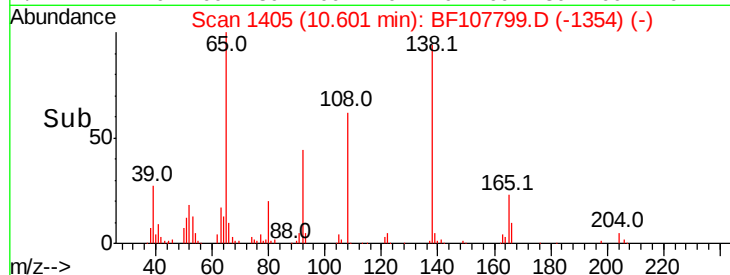
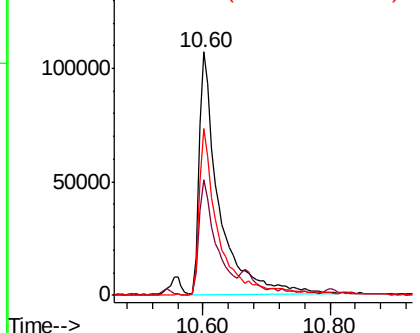
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.652 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

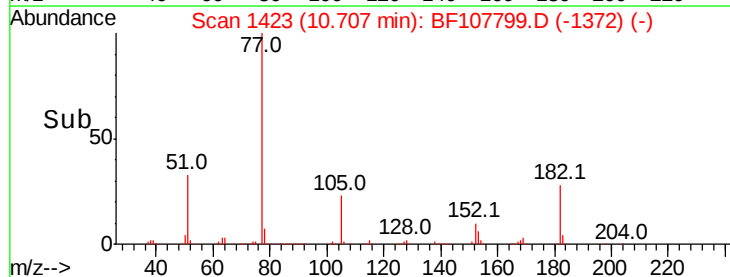
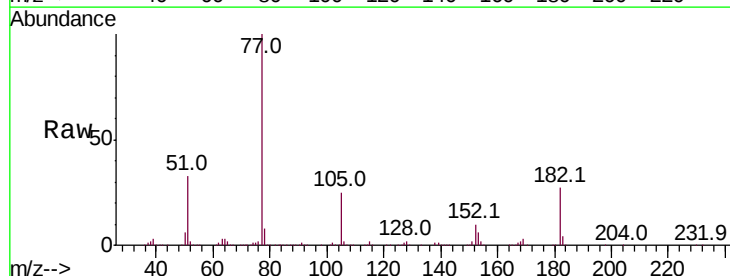
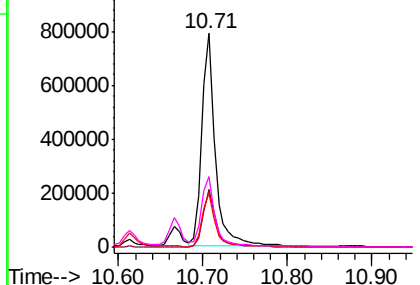
Tgt Ion:	77	Resp:	869306
Ion Ratio	Lower	Upper	
77	100		
182	27.2	1.7	41.7
105	25.2	3.0	43.0
51	33.2	9.9	49.9

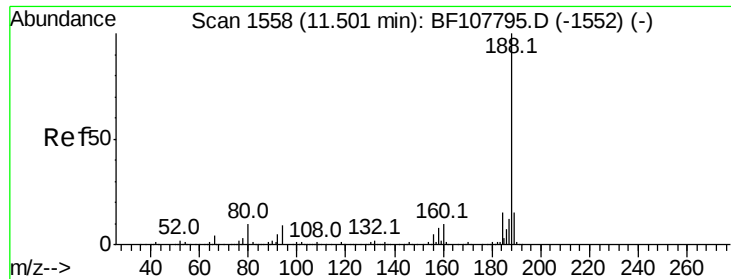
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





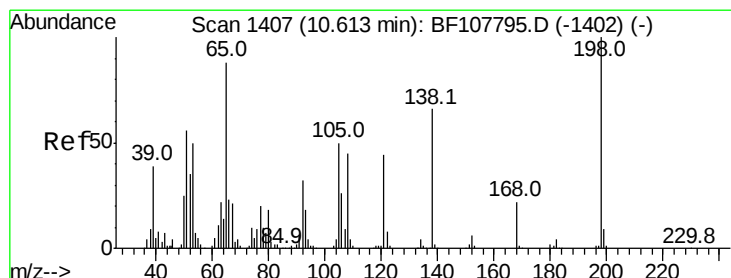
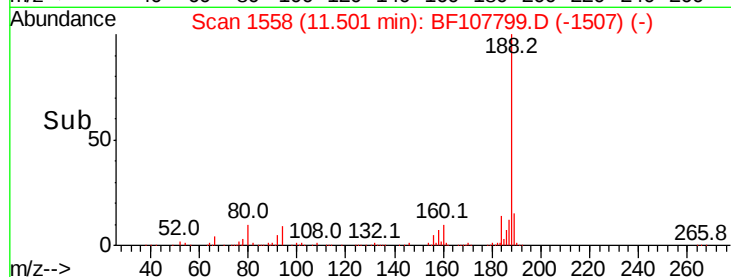
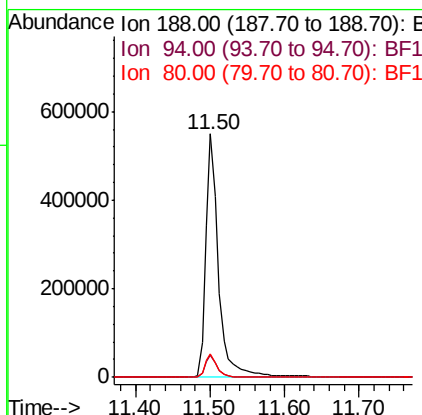
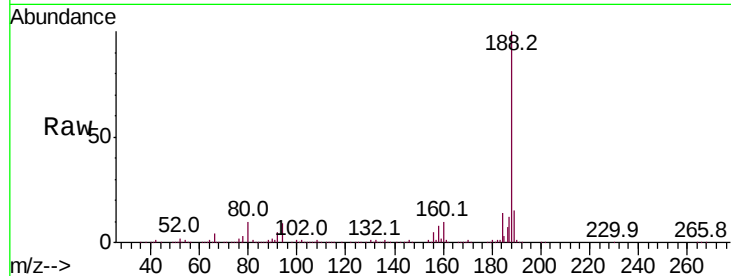
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
188	100	661597		
94	9.0		8.5	12.7
80	9.6		9.2	13.8

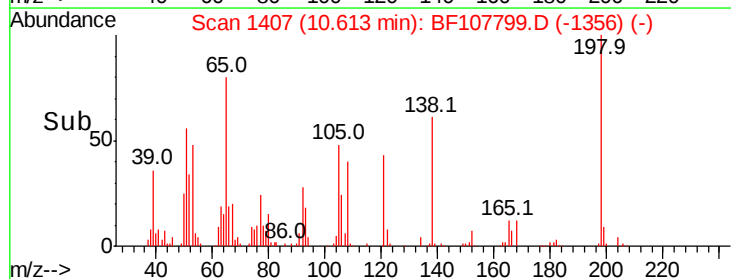
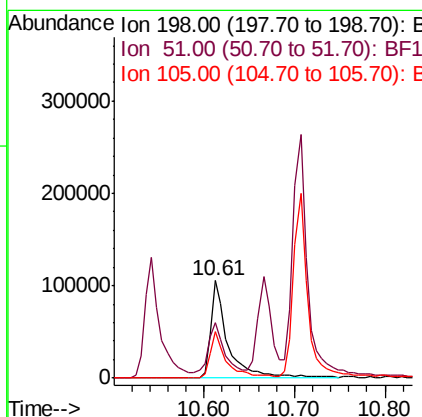
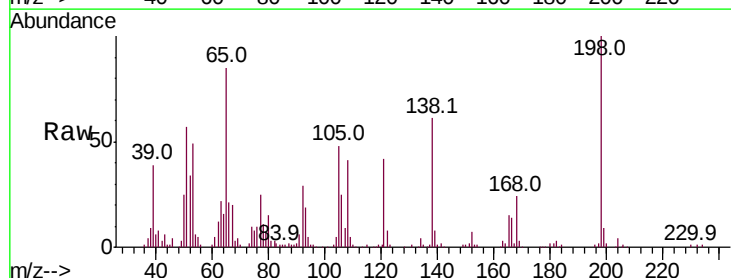
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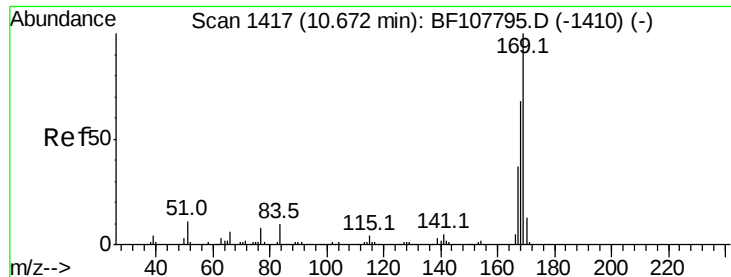
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.254 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	141285		
51	57.0		37.7	77.7
105	48.1		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 37.533 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

ICVBF073018

Tot Ion:169 Resp: 817634

Ion Ratio Lower Upper

169 100

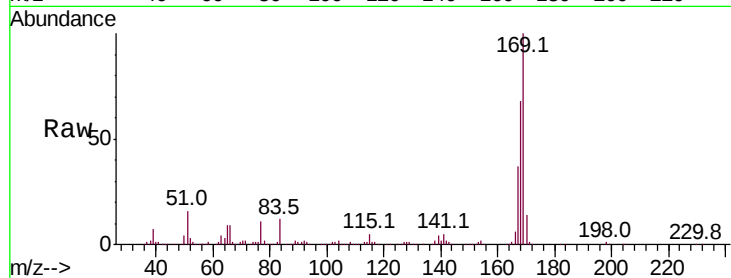
168 67.8 54.4 81.6

167 37.5 29.8 44.6

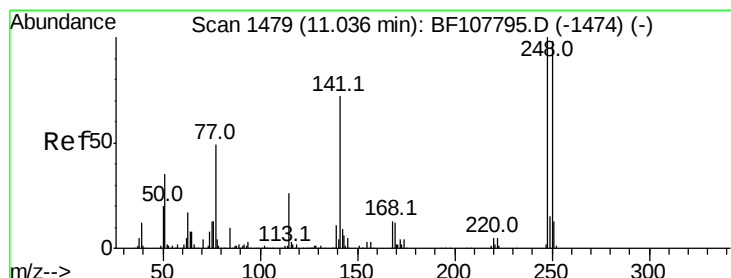
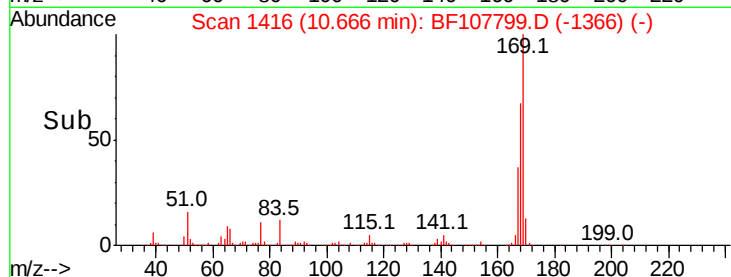
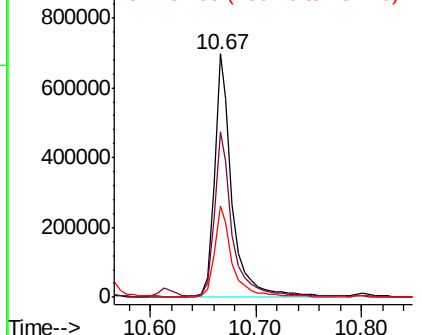
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.505 ng

RT: 11.04 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

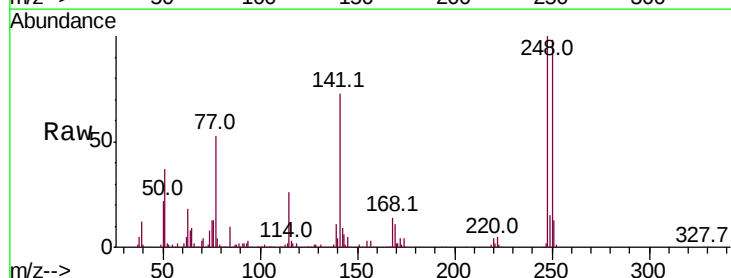
Tgt Ion:248 Resp: 281496

Ion Ratio Lower Upper

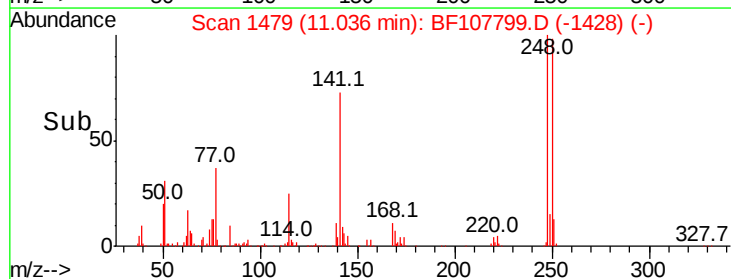
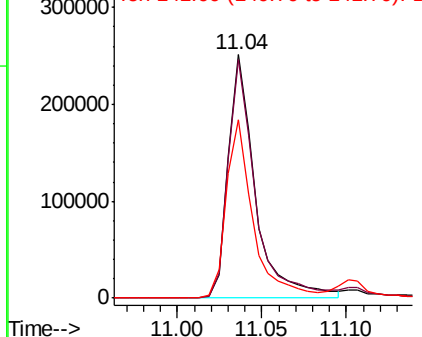
248 100

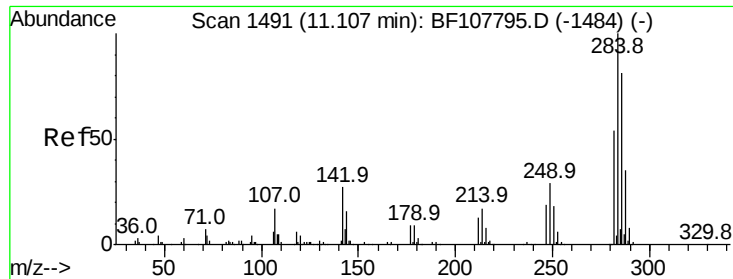
250 98.1 76.9 115.3

141 73.1 74.4 111.6#



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





#67

Hexachlorobenzene

Concen: 37.227 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

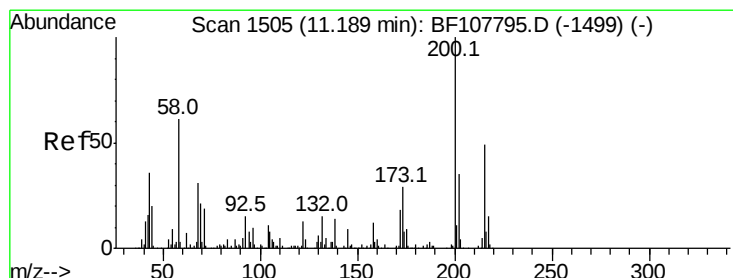
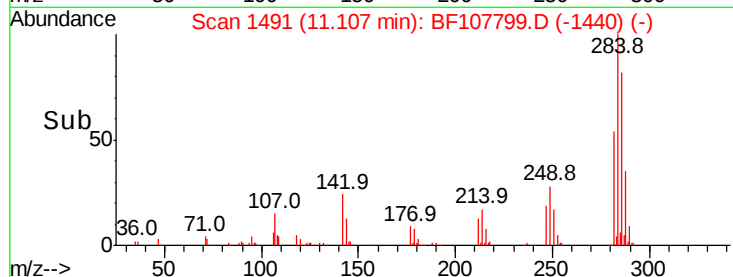
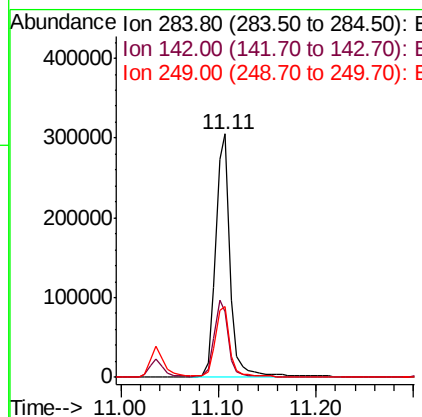
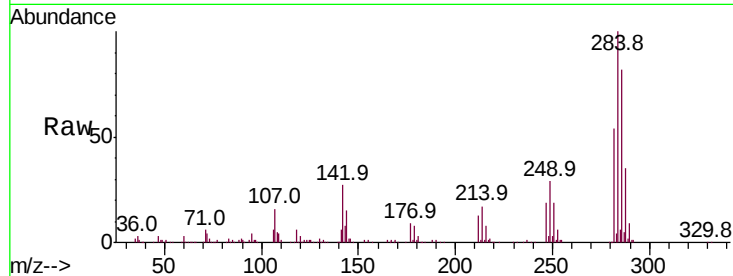
ClientSampleId :

ICVBF073018

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.8	34.6	52.0#	
249	29.3	24.8	37.2	

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#68

Atrazine

Concen: 37.532 ng

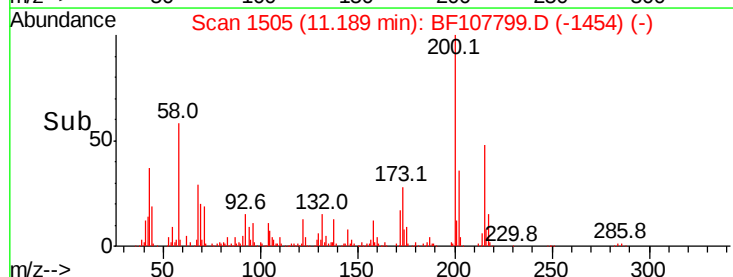
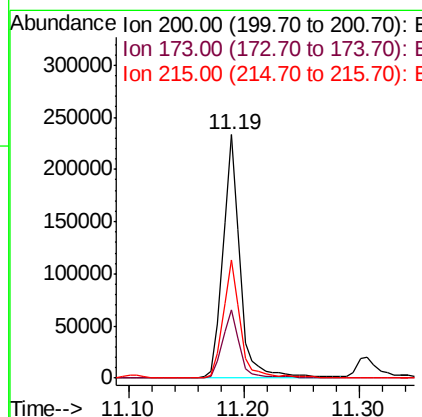
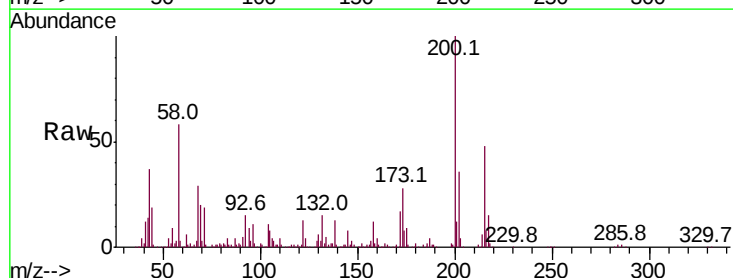
RT: 11.19 min Scan# 1505

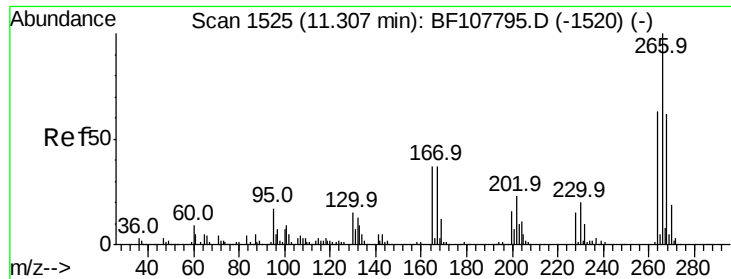
Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.1	8.6	48.6	
215	48.5	25.1	65.1	





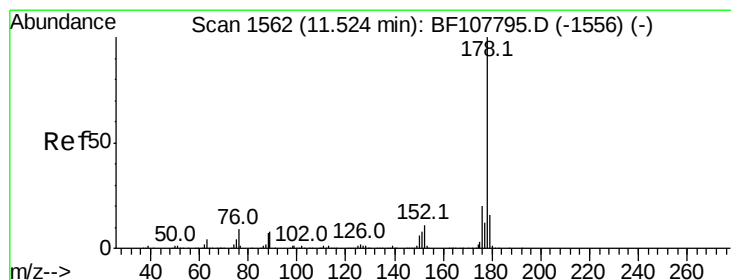
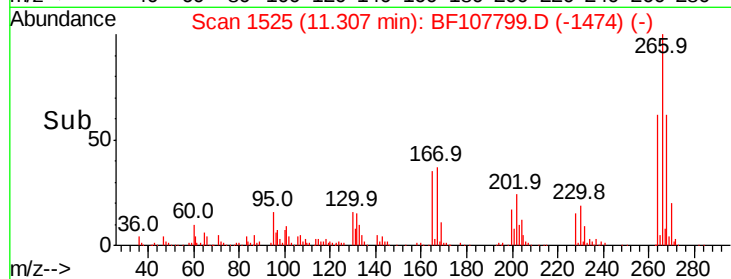
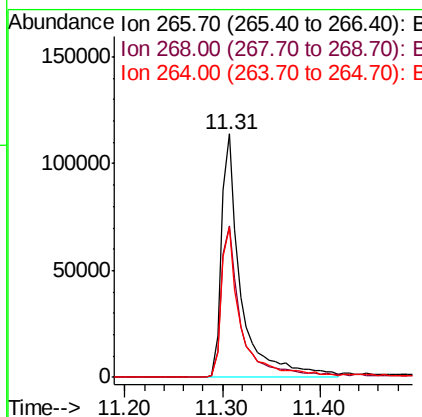
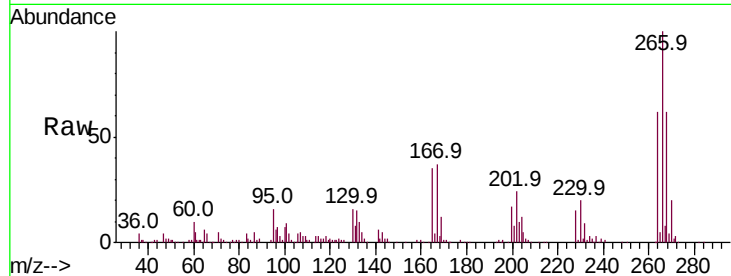
#69
 Pentachlorophenol
 Concen: 37.524 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	61.5	49.5	74.3

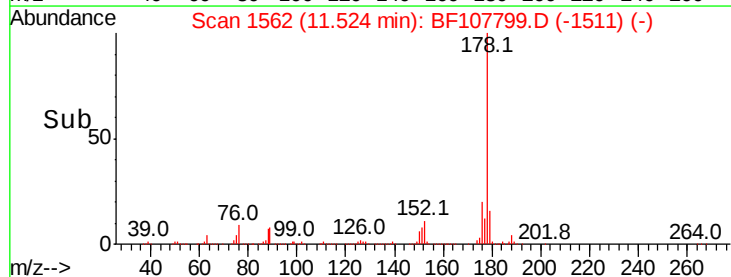
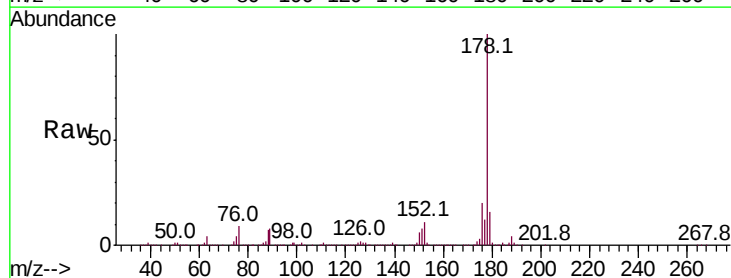
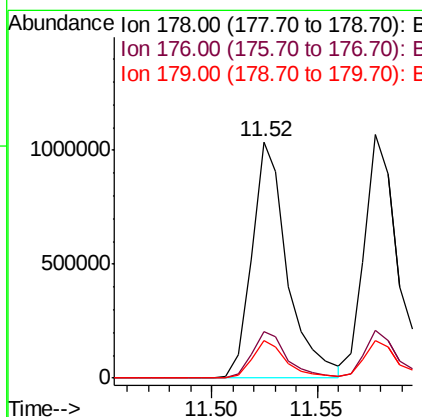
Manual Integrations
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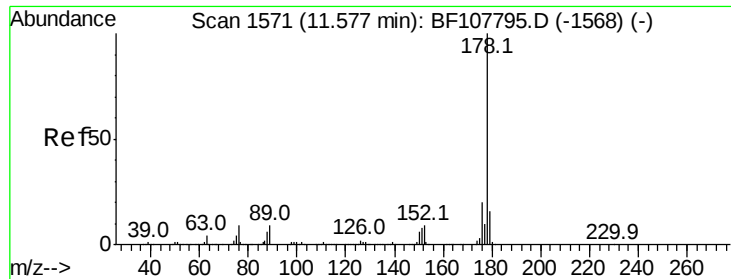
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#70
 Phenanthrene
 Concen: 38.514 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6





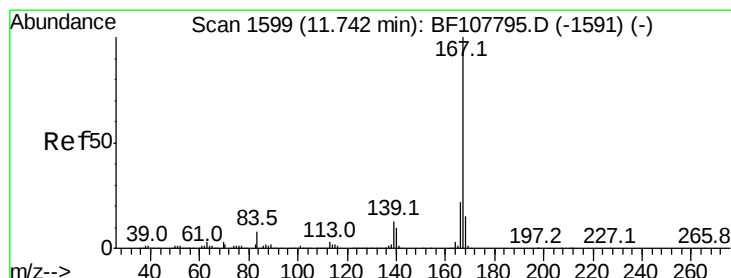
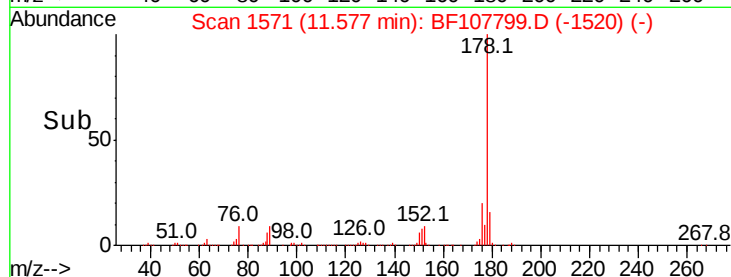
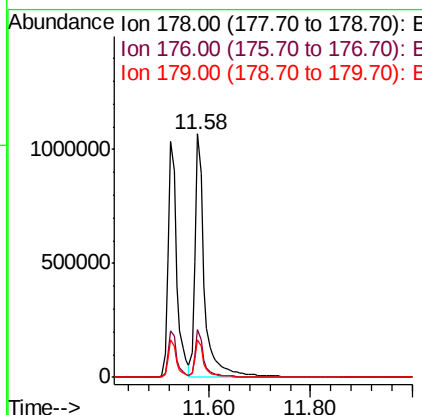
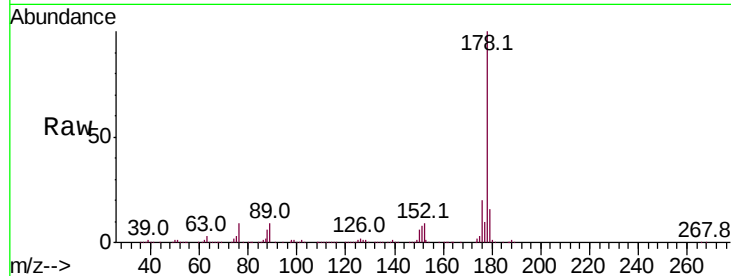
#71
 Anthracene
 Concen: 38.034 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0

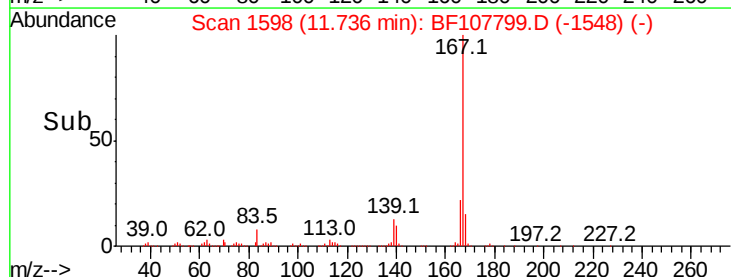
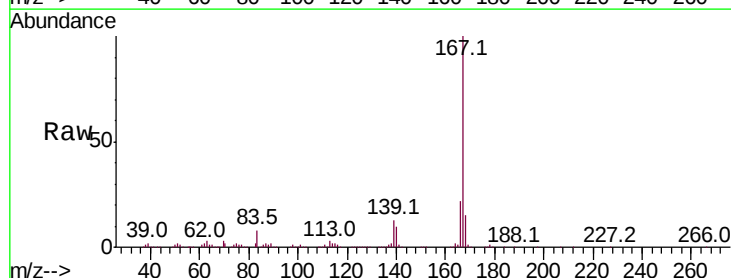
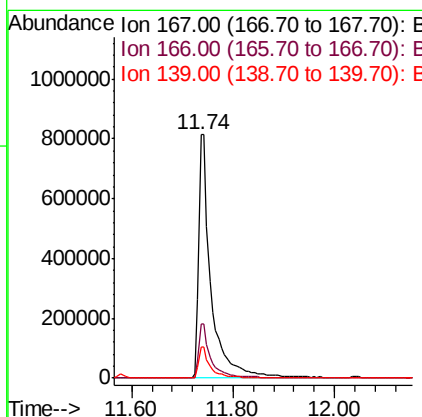
Manual Integrations
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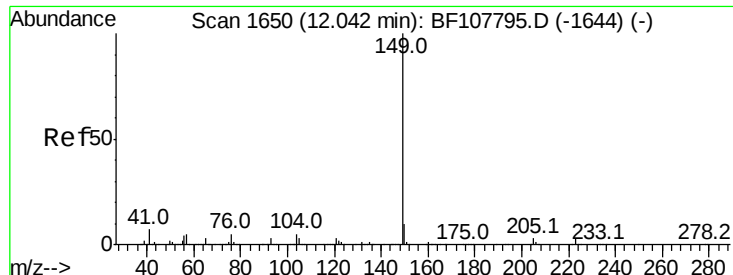
Sohil
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#72
 Carbazole
 Concen: 38.741 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.0	10.9	16.3





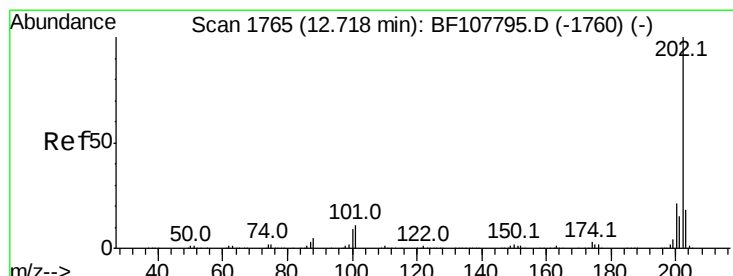
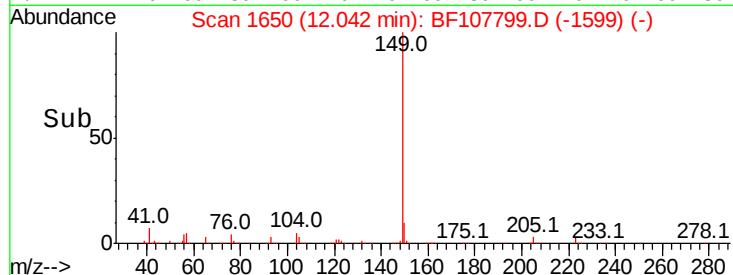
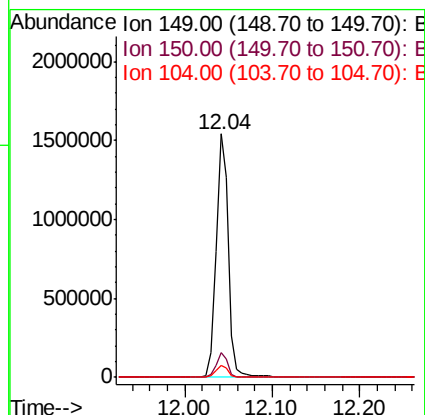
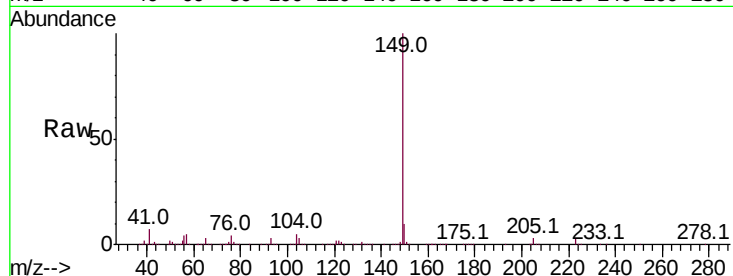
#73
Di-n-butylphthalate
Concen: 38.133 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.8	3.8	5.8

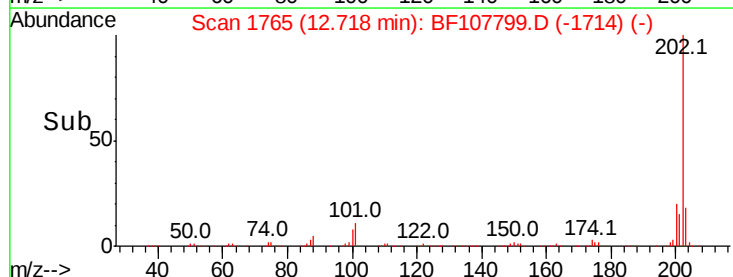
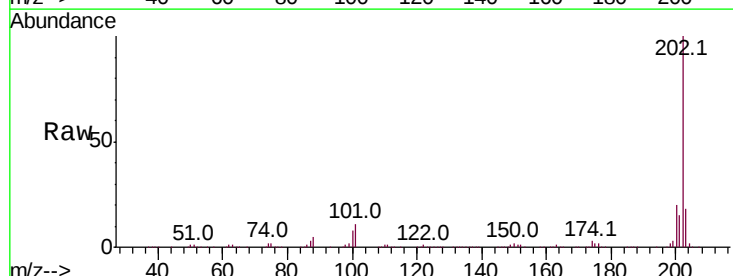
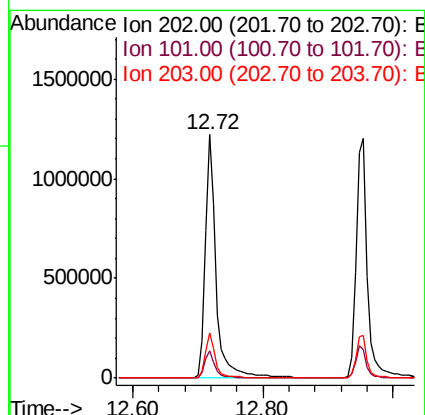
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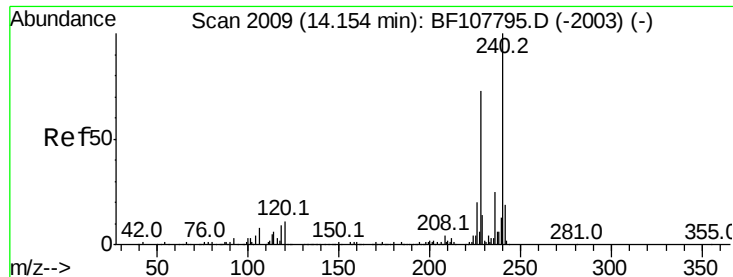
Sohil
7/31/2018 2:42:27 PM



#74
Fluoranthene
Concen: 38.033 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

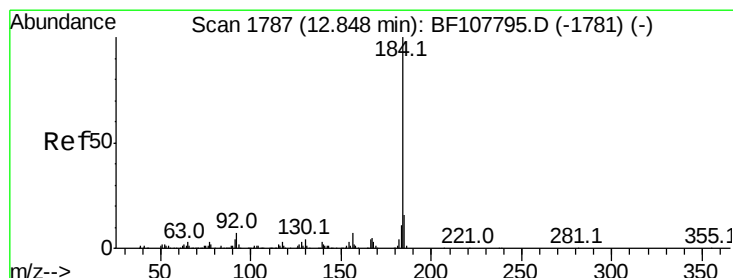
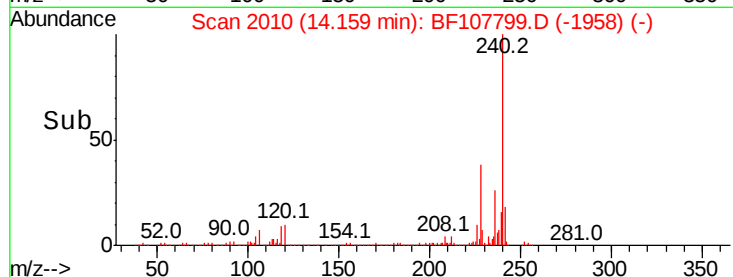
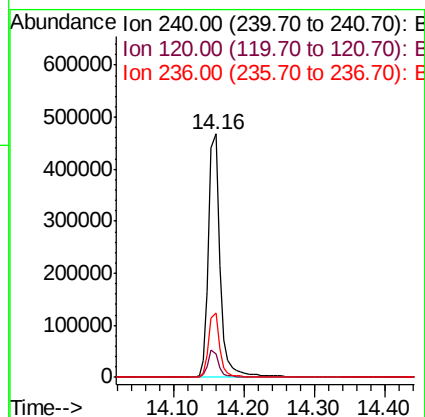
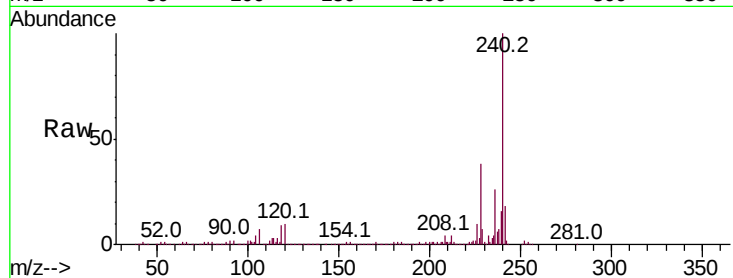
ClientSampleId :

ICVBF073018

Tot Ion:	240	Resp:	539946
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	26.3	20.7	31.1

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#76

Benzidine

Concen: 34.686 ng

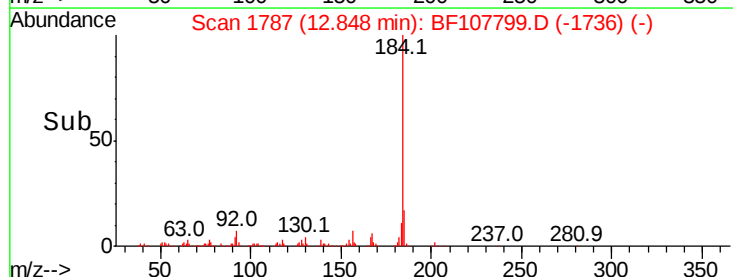
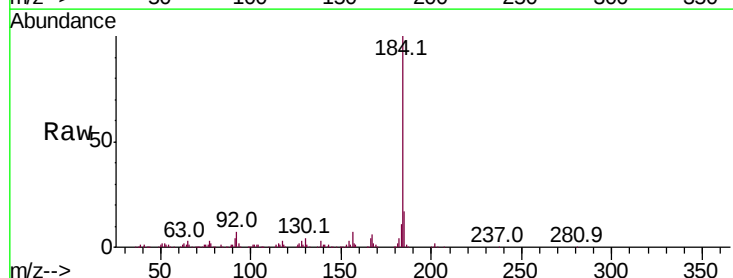
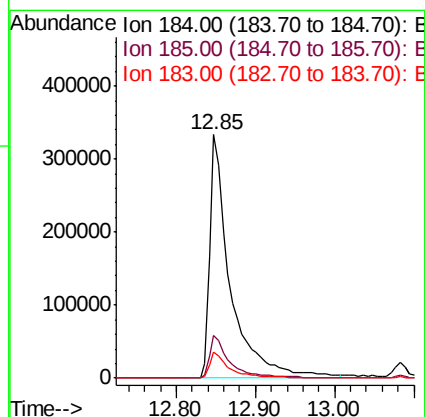
RT: 12.85 min Scan# 1787

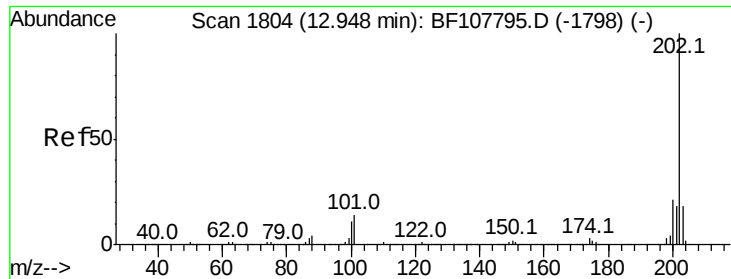
Delta R.T. -0.00 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Tgt Ion:	184	Resp:	605537
Ion Ratio	Lower	Upper	
184	100		
185	17.3	12.6	18.8
183	10.8	9.3	13.9





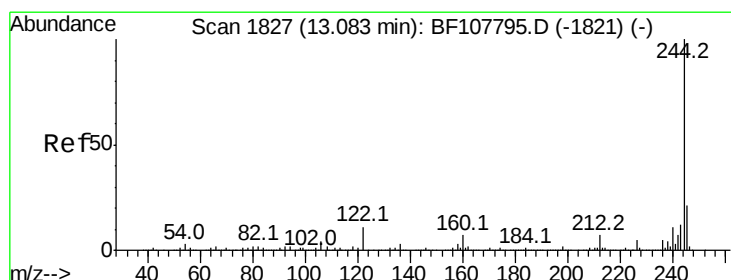
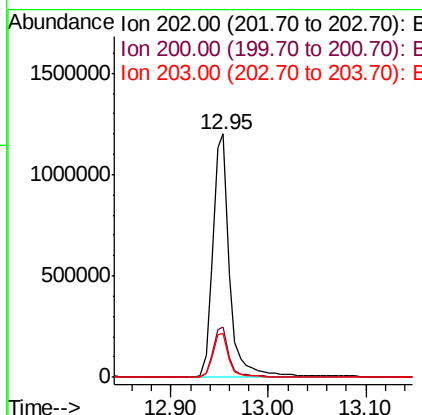
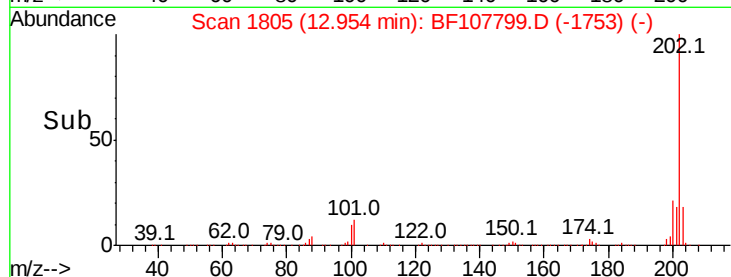
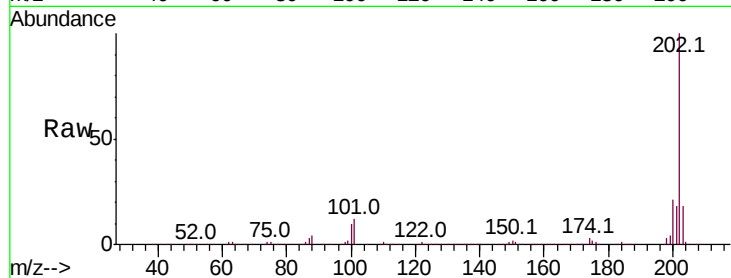
#77
Pvrene
Concen: 36.416 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.0	14.3	21.5

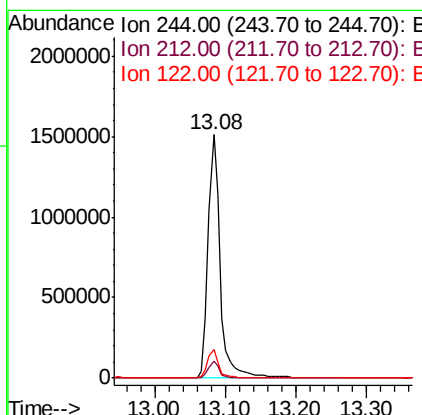
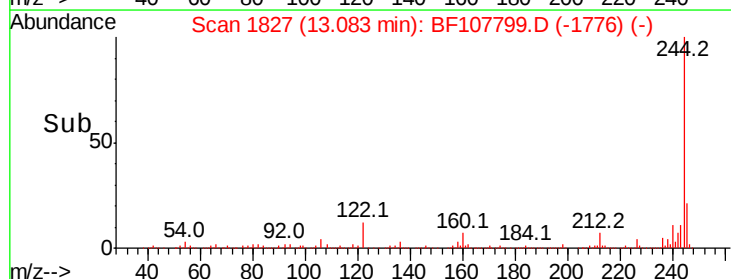
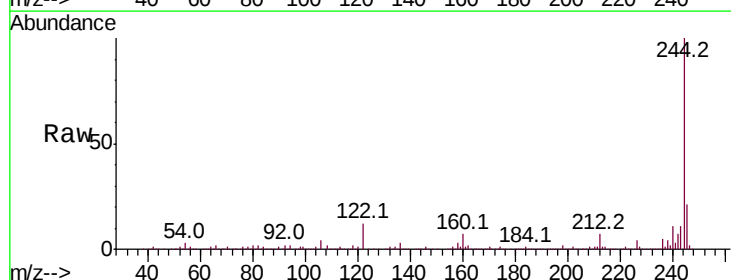
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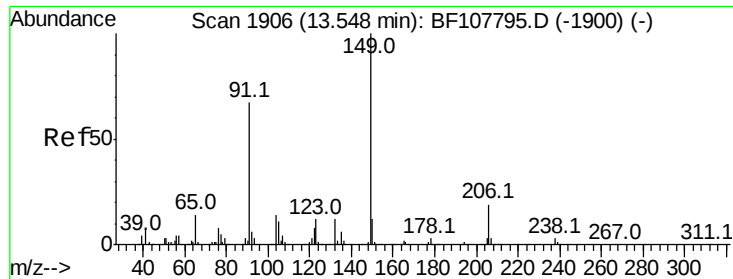
Sohil
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#78
Terphenyl-d14
Concen: 72.573 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.8	11.0	16.4





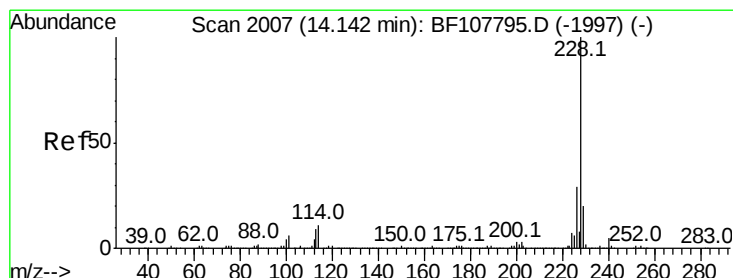
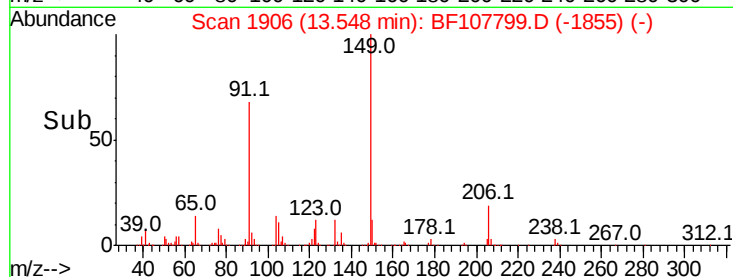
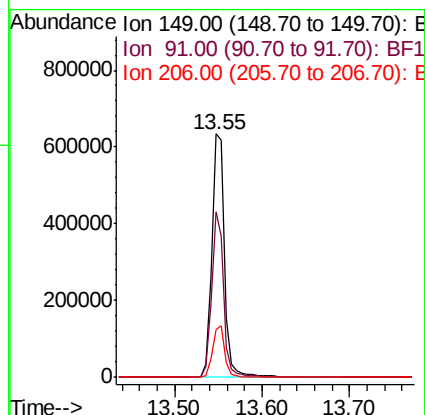
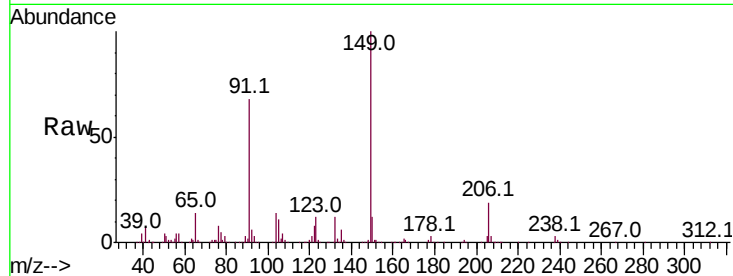
#79
Butylbenzylphthalate
Concen: 37.776 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.1	56.8	85.2
206	19.5	14.1	21.1

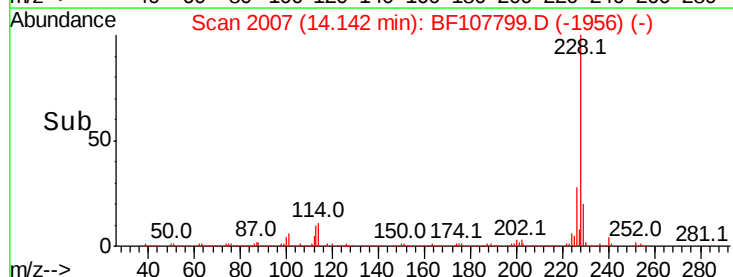
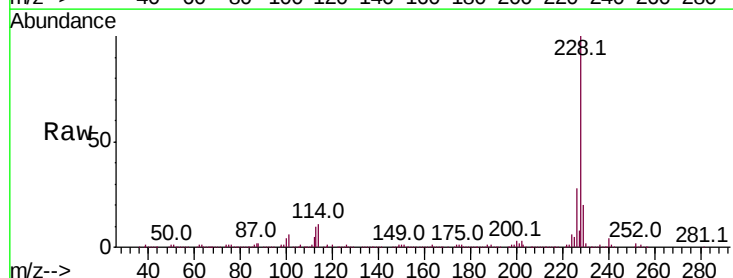
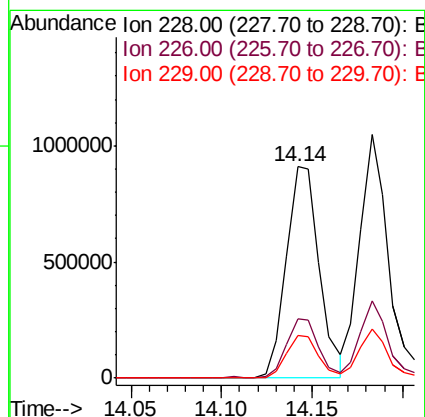
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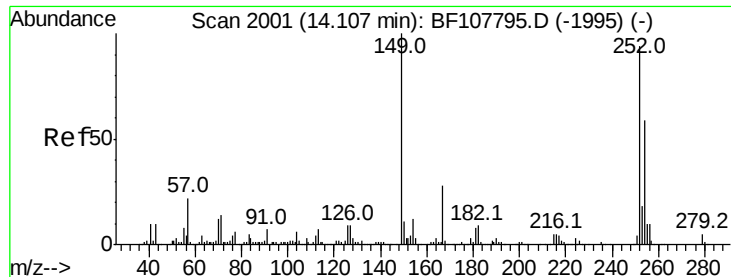
Sohil
7/31/2018 2:42:27 PM



#80
Benzo(a)anthracene
Concen: 37.911 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

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





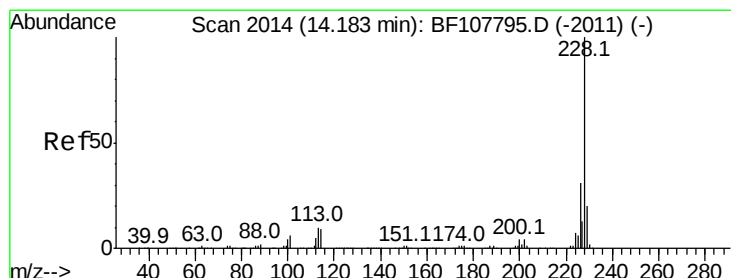
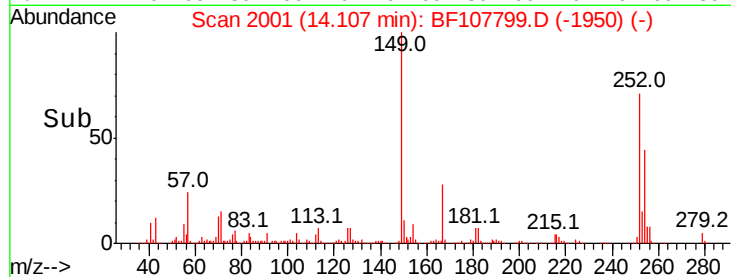
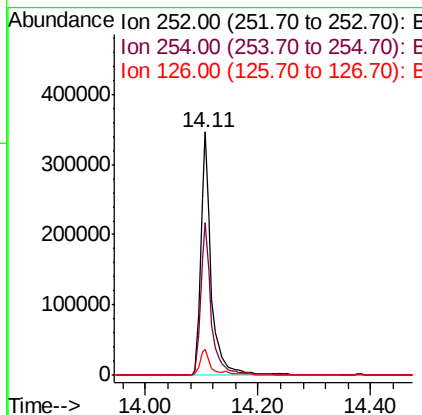
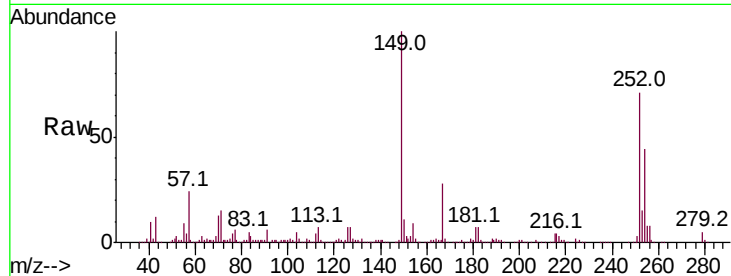
#81
 3,3'-Dichlorobenzidine
 Concen: 37.597 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	10.6	11.3	16.9

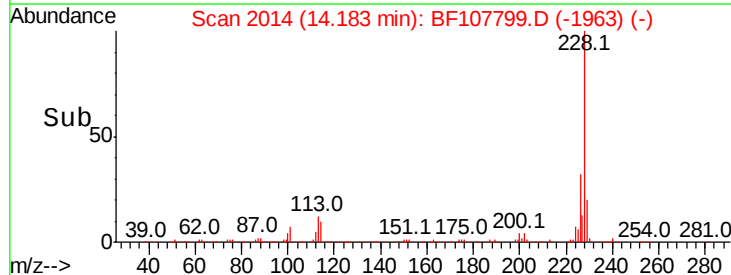
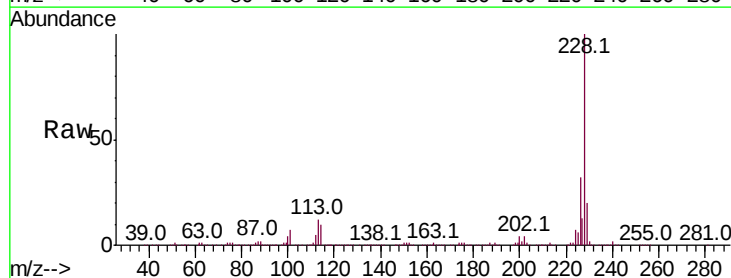
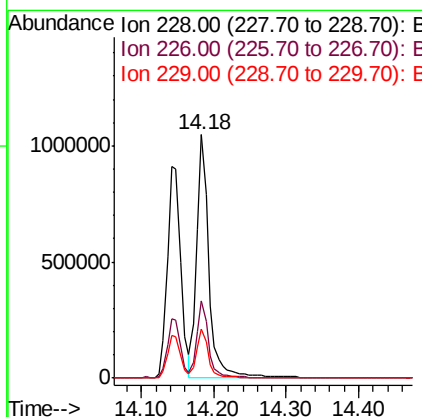
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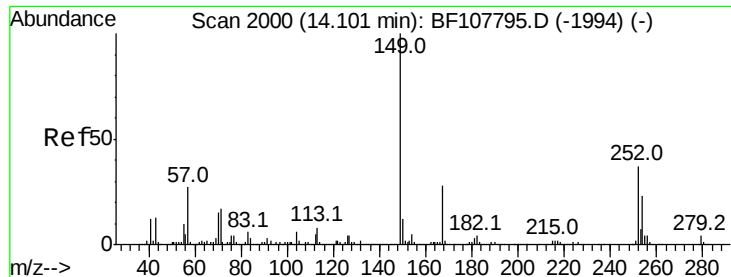
Sohil
 7/31/2018 2:42:27 PM



#82
 Chrysene
 Concen: 37.401 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.3	16.2	24.4





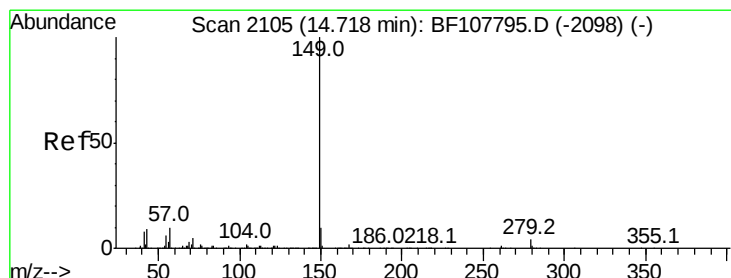
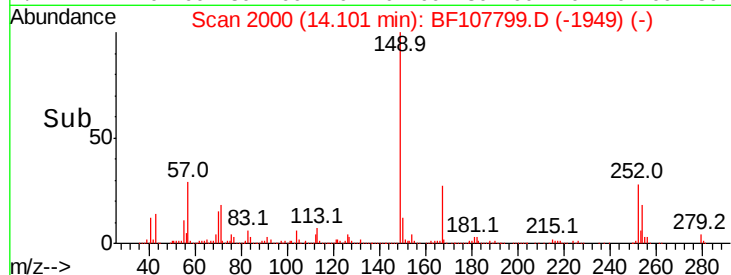
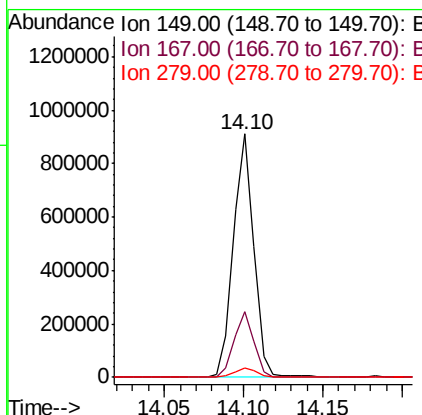
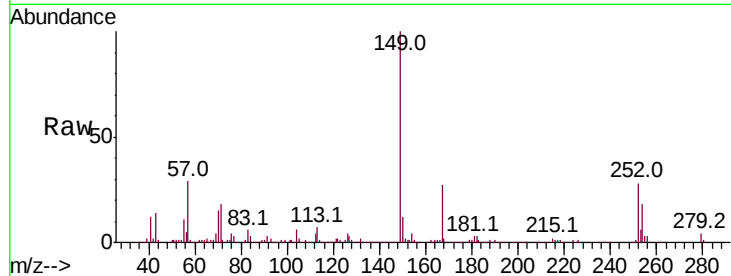
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.108 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073018

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	4.0	3.0	4.4

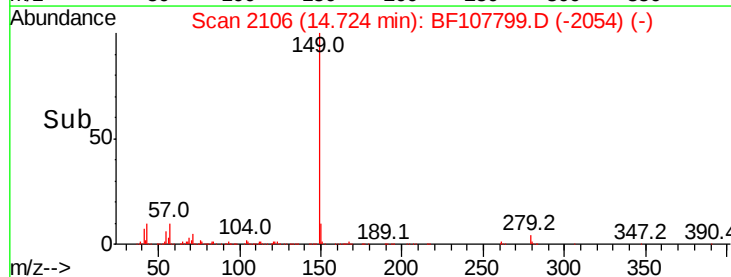
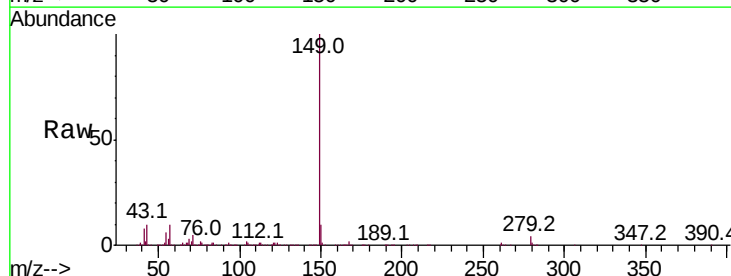
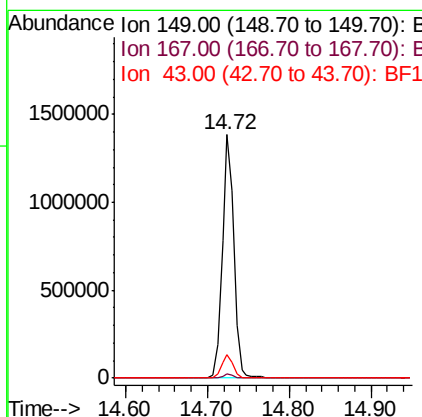
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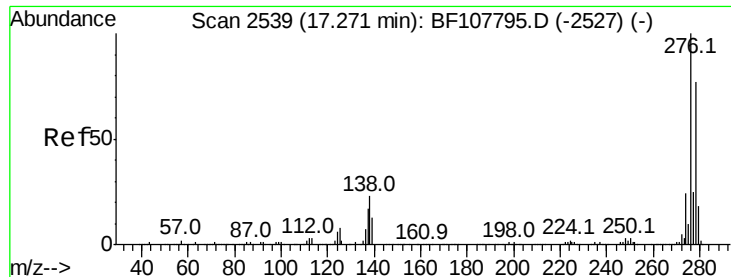
Sohil
 7/31/2018 2:42:27 PM



#84
 Di-n-octyl phthalate
 Concen: 39.764 ng
 RT: 14.72 min Scan# 2106
 Delta R.T. 0.01 min
 Lab File: BF107799.D
 Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.4	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.713 ng

RT: 17.28 min Scan# 2541

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

ICVBF073018

Tot Ion:276 Resp: 871050

Ion Ratio Lower Upper

276 100

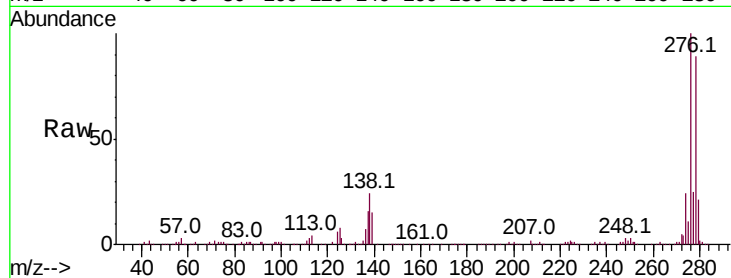
138 23.7 25.0 37.6#

277 25.2 20.1 30.1

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Sohil

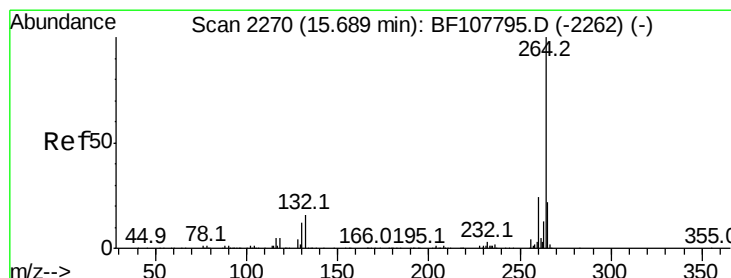
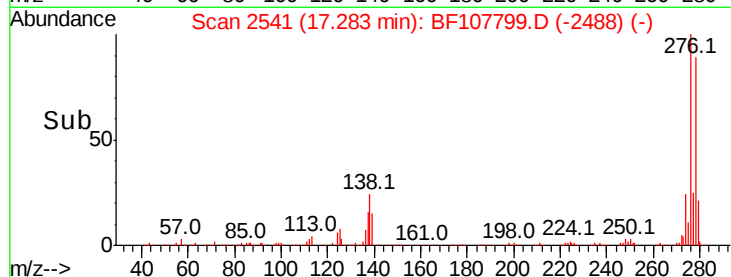
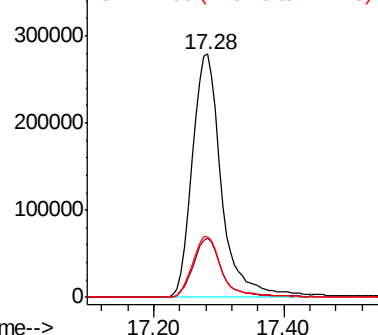
7/31/2018 2:42:27 PM



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

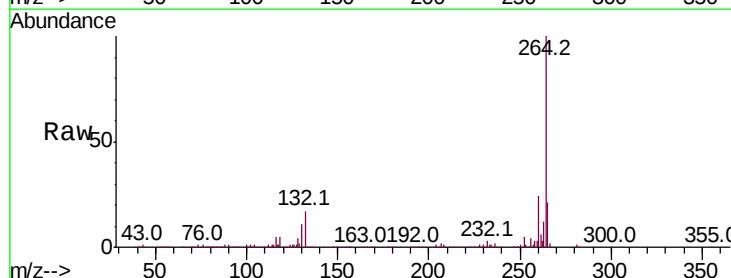
Tgt Ion:264 Resp: 475751

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

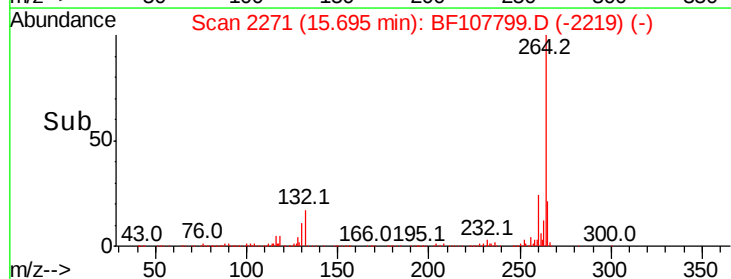
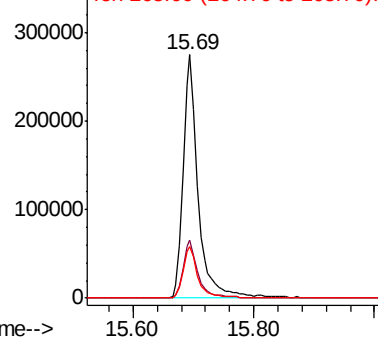
265 21.3 17.5 26.3

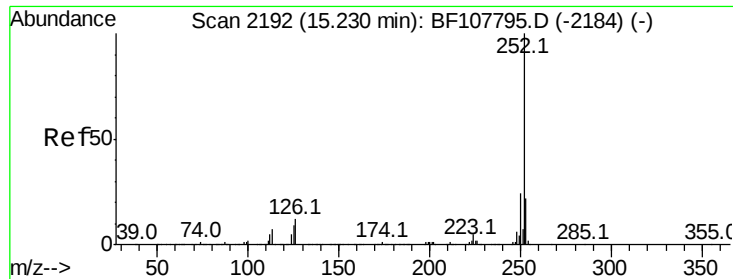


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





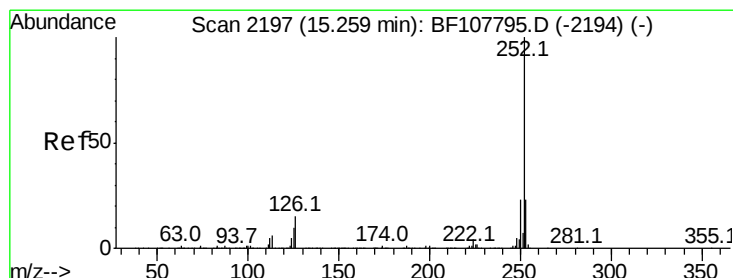
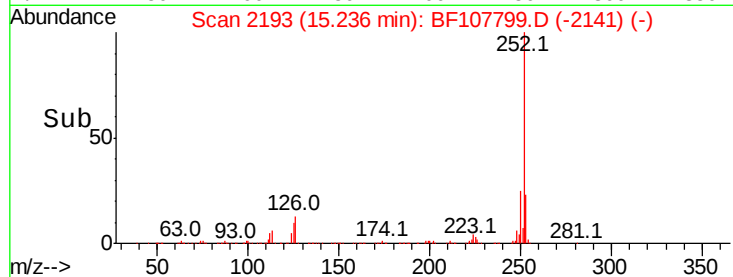
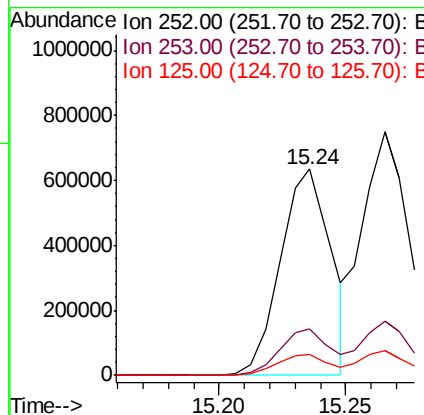
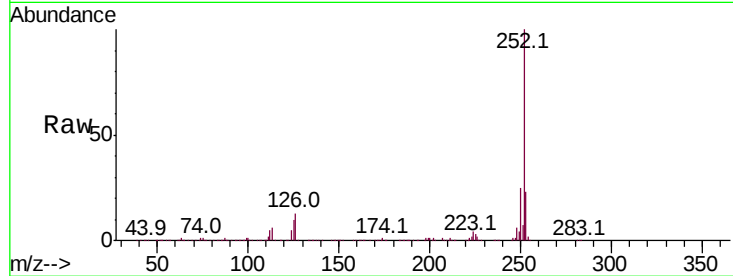
#87
Benzo(b)fluoranthene
Concen: 37.432 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.9	9.0	13.6

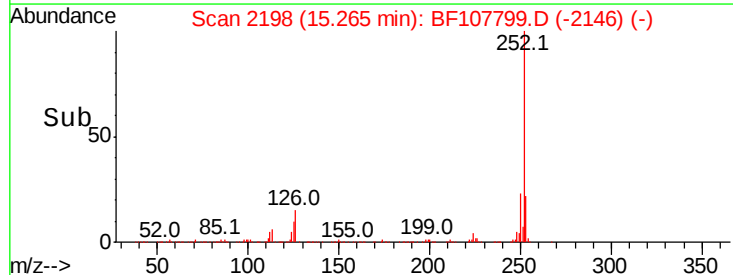
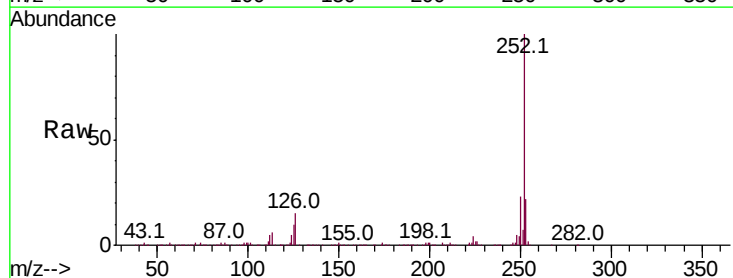
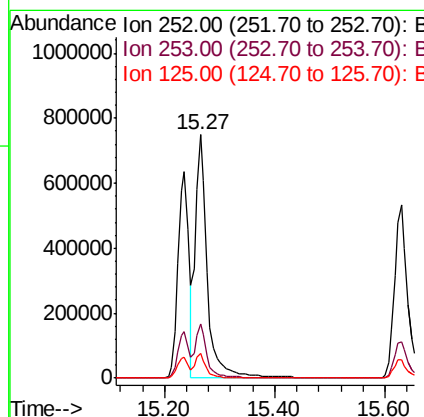
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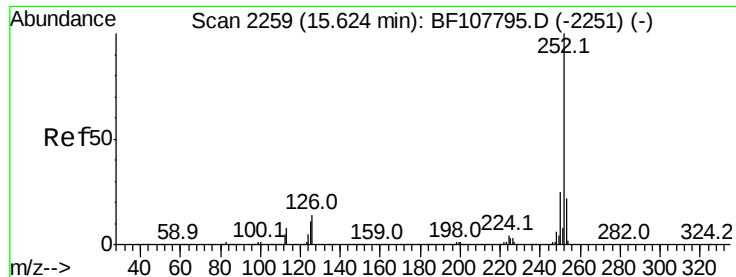
Sohil
7/31/2018 2:42:27 PM



#88
Benzo(k)fluoranthene
Concen: 39.218 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.3	10.2	15.2





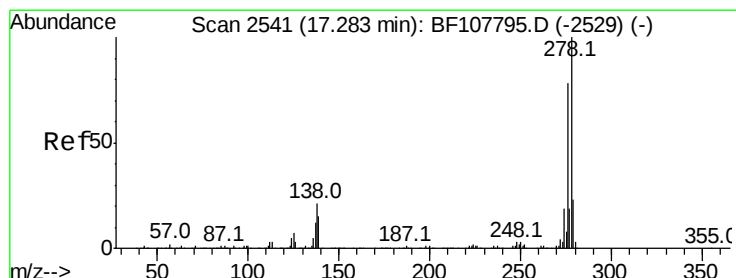
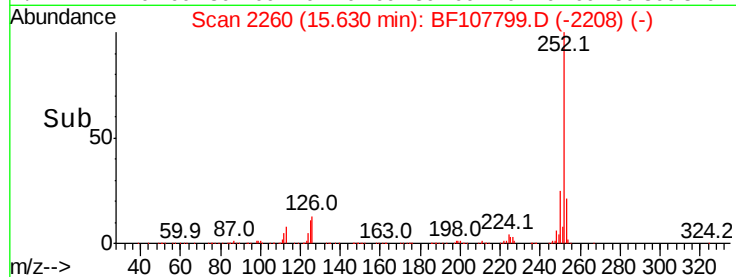
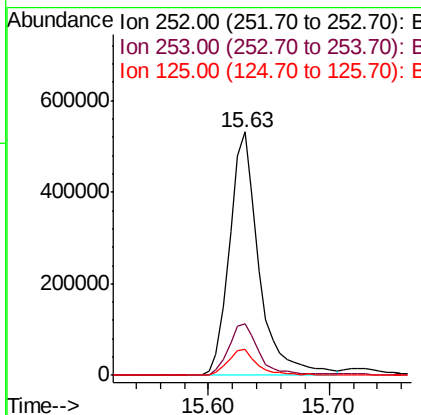
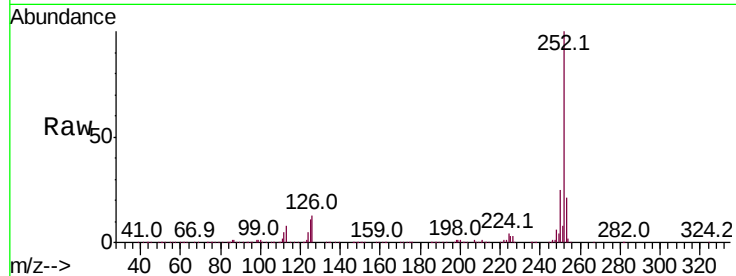
#89
Benzo(a)pyrene
Concen: 37.034 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Instrument :
BNA_F
ClientSampleId :
ICVBF073018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	10.6	9.8	14.6

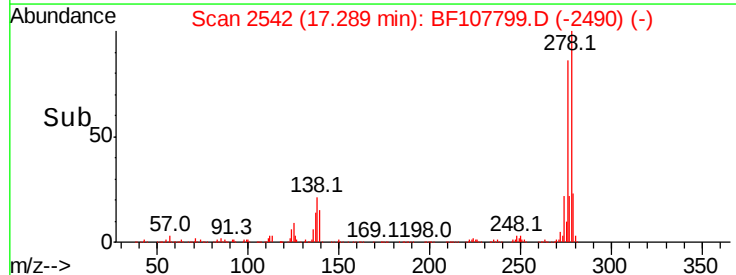
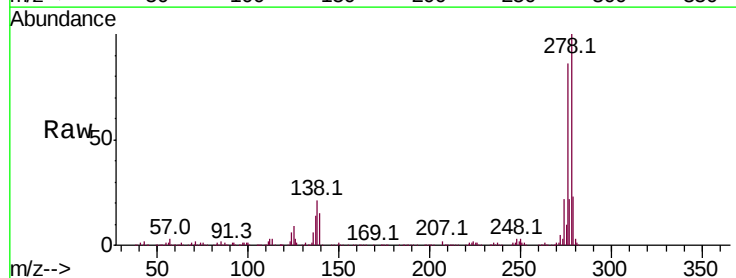
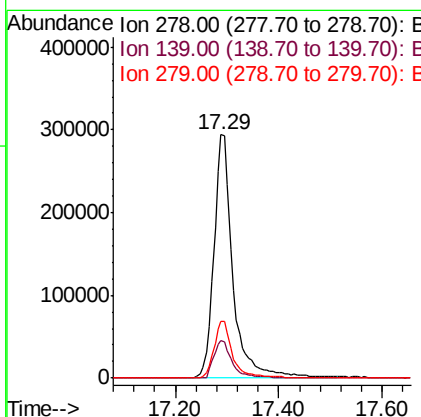
Manual Integrations
APPROVED

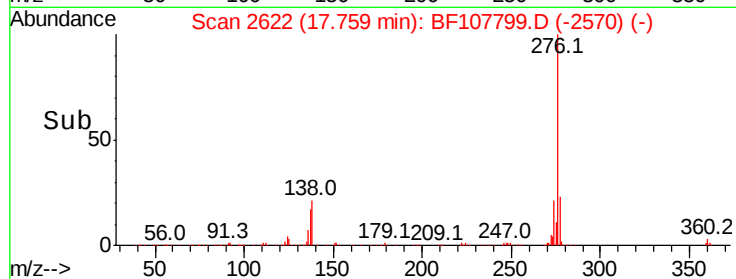
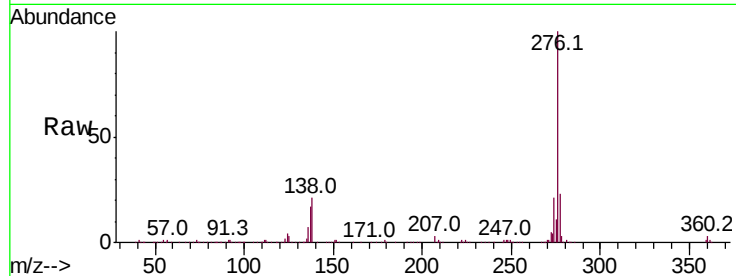
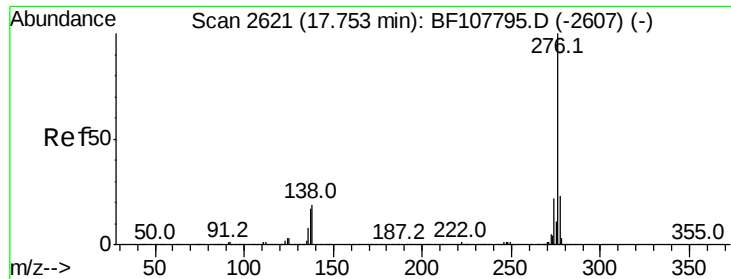
Sohil
7/31/2018 2:42:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.537 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF107799.D
Acq: 30 Jul 2018 14:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9#
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 34.387 ng

RT: 17.76 min Scan# 2622

Delta R.T. 0.01 min

Lab File: BF107799.D

Acq: 30 Jul 2018 14:53

Instrument :

BNA_F

ClientSampleId :

ICVBF073018

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	20.7	21.8	32.8

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Sohil
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