

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107519.D
 Acq On : 20 Jul 2018 12:51
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

Sohil
 7/23/2018 12:44:13 PM

Quant Time: Jul 20 16:17:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 14:36:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	339550	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1367780	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	640019	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1272444	20.00	ng	0.00
75) Chrysene-d12	14.16	240	1101054	20.00	ng	0.00
86) Perylene-d12	15.70	264	1092388	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	114721m	5.13	ng	0.00
7) Phenol-d6	6.61	99	136831	4.73	ng	0.00
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
41) 2,4,6-Tribromophenol	10.81	330	29664	5.28	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	291210	6.54	ng	0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	25939m	2.350	ng	
3) Pyridine	3.68	79	65767m	2.209	ng	
4) n-Nitrosodimethylamine	3.62	42	31113m	2.545	ng	
6) Aniline	6.64	93	82477	2.158	ng	# 85
8) 2-Chlorophenol	6.76	128	59471	2.630	ng	90
9) Benzaldehyde	6.53	77	55812	2.400	ng	93
10) Phenol	6.62	94	87104	2.811	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	70472	2.787	ng	93
12) 1,3-Dichlorobenzene	6.91	146	69213	2.521	ng	96
13) 1,4-Dichlorobenzene	6.99	146	72275	2.656	ng	98
14) 1,2-Dichlorobenzene	7.14	146	66927	2.629	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	119292	4.420	ng	87
17) 2-Methylphenol	7.22	107	51838	2.411	ng	94
18) Hexachloroethane	7.48	117	22106	2.183	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	45626	2.205	ng	# 95
20) 3+4-Methylphenols	7.38	107	63559	2.327	ng	# 34
22) Acetophenone	7.38	105	96164	2.559	ng	# 90
25) Isophorone	7.78	82	113742	2.237	ng	98
27) 2,4-Dimethylphenol	7.91	122	48544	2.376	ng	95
28) bis(2-Chloroethoxy)methane	8.00	93	78116	2.453	ng	95
29) 2,4-Dichlorophenol	8.12	162	41978	1.974	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	59047	2.293	ng	94
31) Naphthalene	8.28	128	179725	2.705	ng	99
33) 4-Chloroaniline	8.33	127	74321	2.583	ng	95
34) Hexachlorobutadiene	8.39	225	32807	1.904	ng	97
36) 4-Chloro-3-methylphenol	8.81	107	50487	1.817	ng	97
37) 2-Methylnaphthalene	8.97	142	123210	2.813	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	58877	2.364	ng	99
42) 2,4,6-Trichlorophenol	9.25	196	28354m	1.824	ng	
43) 2,4,5-Trichlorophenol	9.30	196	31276	2.103	ng	# 96
45) 1,1'-Biphenyl	9.43	154	170143	3.075	ng	96
46) 2-Chloronaphthalene	9.46	162	124162	2.841	ng	99
48) Acenaphthylene	9.88	152	193535	3.173	ng	99
49) Dimethylphthalate	9.72	163	136020	2.675	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	10.05	154	119802	2.963	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	26560	1.844	nq	92
59) Diethylphthalate	10.42	149	150983	3.056	nq	100
60) 4-Chlorophenyl-phenylether	10.55	204	73964	3.001	nq	92
65) n-Nitrosodiphenylamine	10.67	169	129671	3.227	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	41679	2.863	nq #	85
67) Hexachlorobenzene	11.11	284	45498	3.376	nq #	88
68) Atrazine	11.20	200	34270	2.257	nq	97
73) Di-n-butylphthalate	12.06	149	225293	3.278	nq	97
76) Benzidine	12.85	184	82226m	1.924	nq	
77) Pvrene	12.95	202	219029	2.925	nq	99
79) Butylbenzylphthalate	13.57	149	51449	1.886	nq	98
80) Benzo(a)anthracene	14.15	228	181762	2.698	nq	98
81) 3,3'-Dichlorobenzidine	14.11	252	53627	2.373	nq	99
82) Chrysene	14.18	228	181058	2.813	nq	97
83) Bis(2-ethylhexyl)phthalate	14.12	149	114039	2.918	nq	96
84) Di-n-octyl phthalate	14.74	149	152966	2.518	nq #	92
85) Indeno(1,2,3-cd)pyrene	17.26	276	152197	3.322	nq	96
87) Benzo(b)fluoranthene	15.23	252	152316	2.382	nq	100
88) Benzo(k)fluoranthene	15.26	252	157754	2.528	nq	96
89) Benzo(a)pyrene	15.62	252	140701	2.398	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	125394	2.831	nq	99
91) Benzo(g,h,i)perylene	17.74	276	120119	2.669	nq	97

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

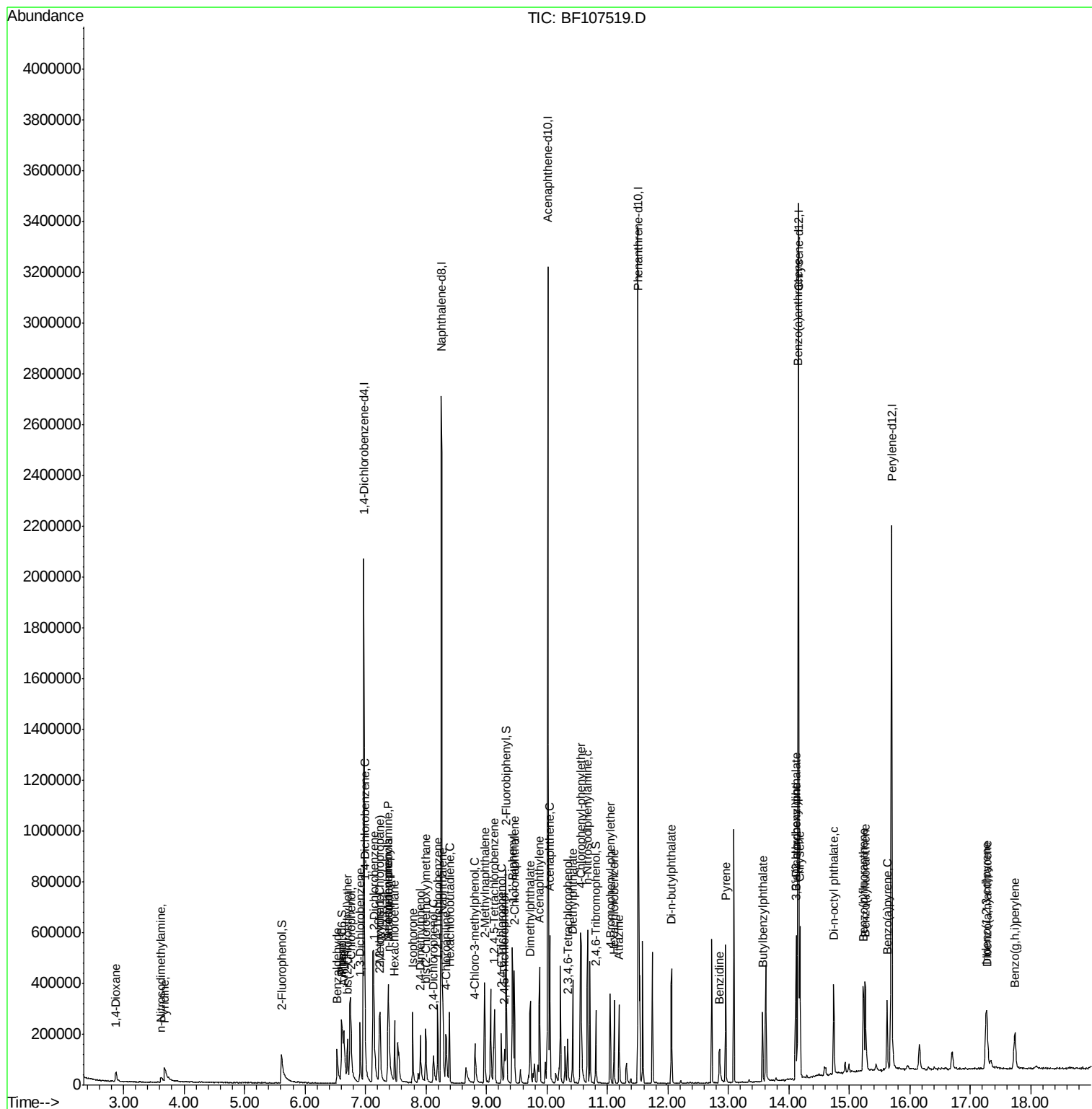
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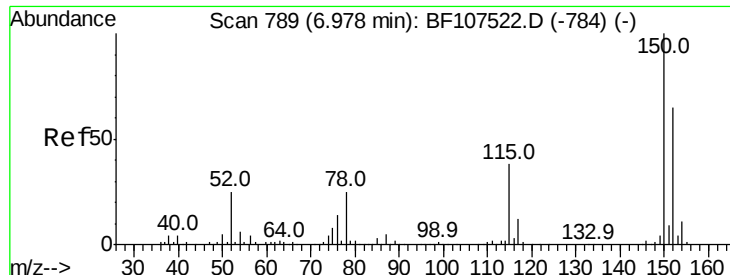
Instrument :
BNA_F
ClientSampleId :
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#1

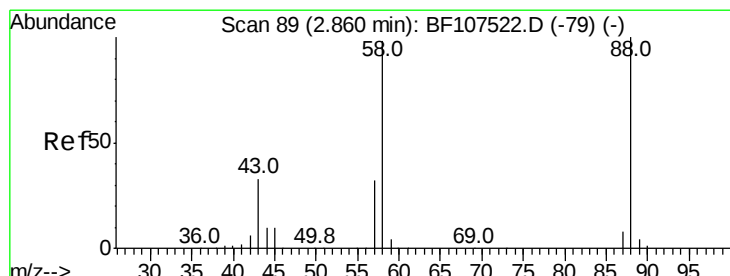
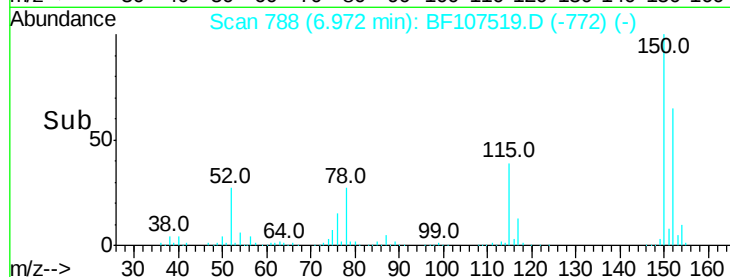
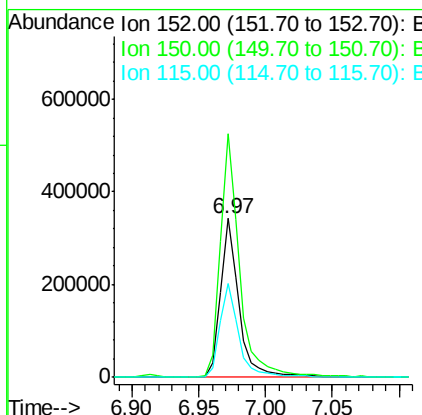
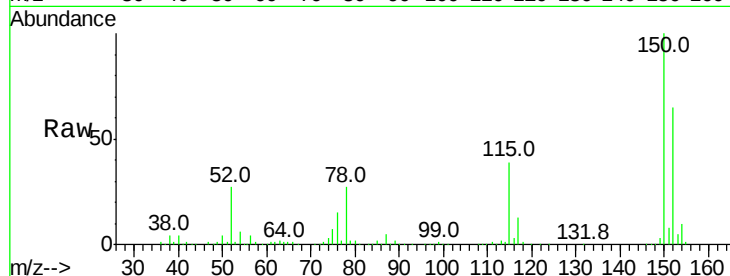
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	59.3	50.1	75.1

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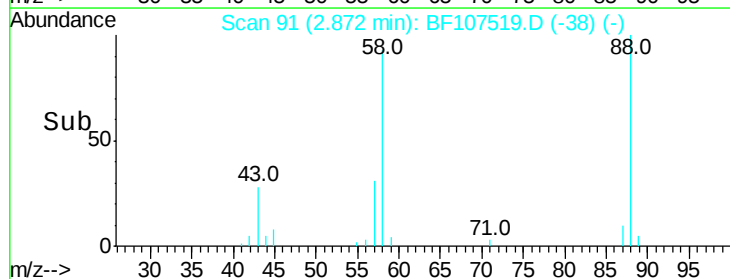
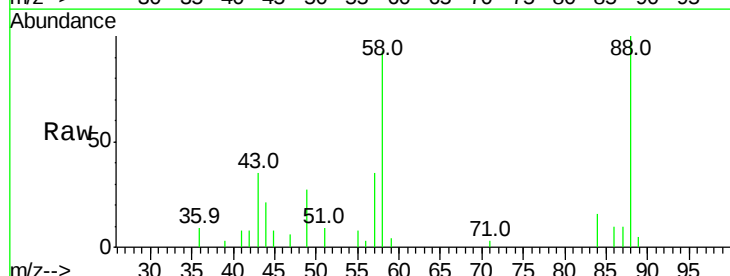
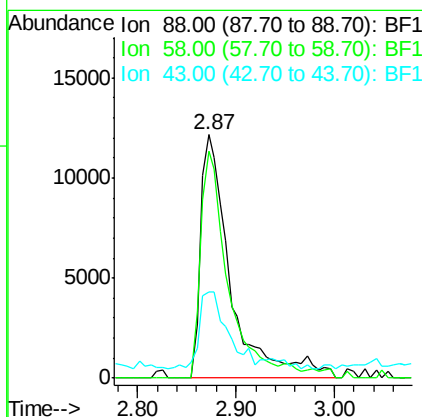
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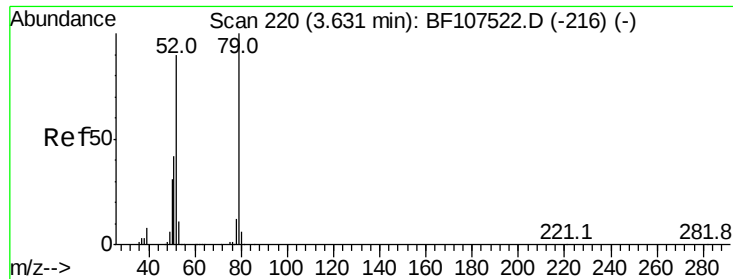


#2

1,4-Dioxane
Concen: 2.350 ng m
RT: 2.87 min Scan# 91
Delta R.T. 0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.9	62.6	93.8
43	30.5	24.6	37.0





#3

Pvridine

Concen: 2.209 ng m

RT: 3.68 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

ClientSampleId :

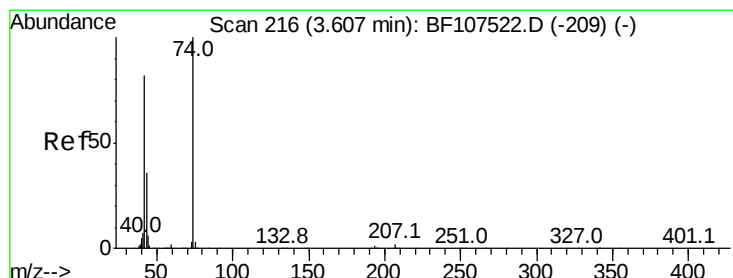
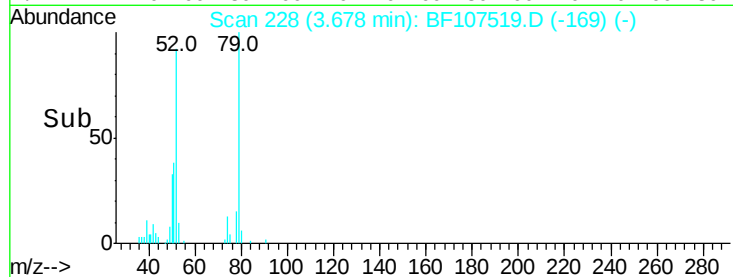
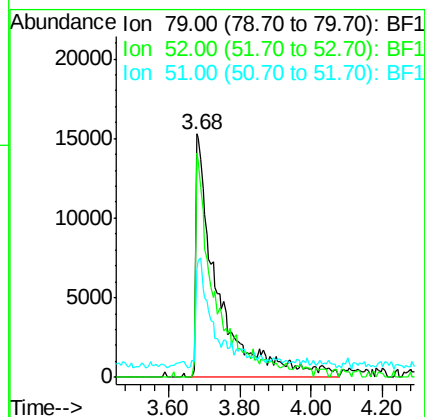
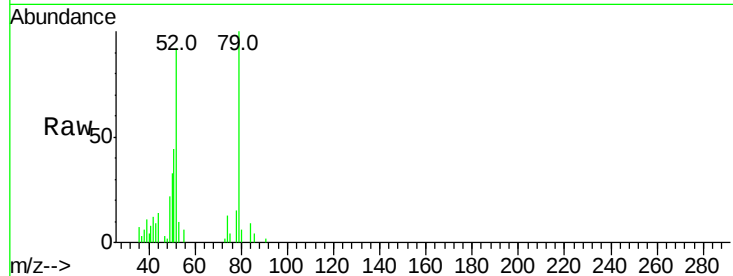
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.1	59.8	89.6#
51	44.4	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 2.545 ng m

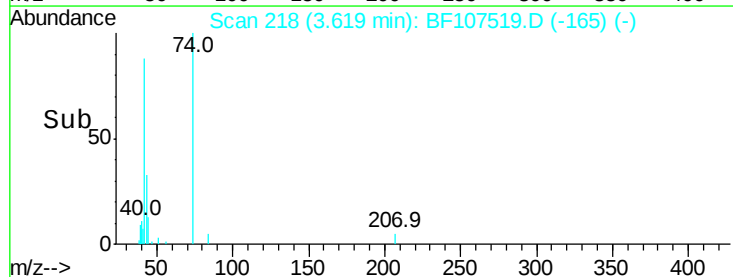
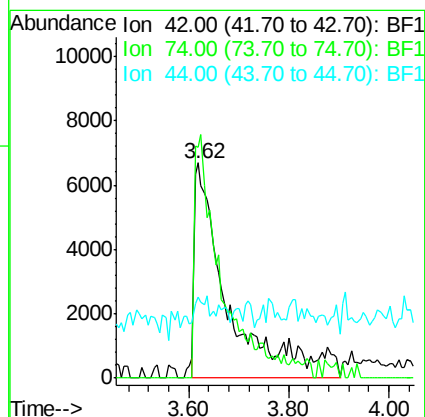
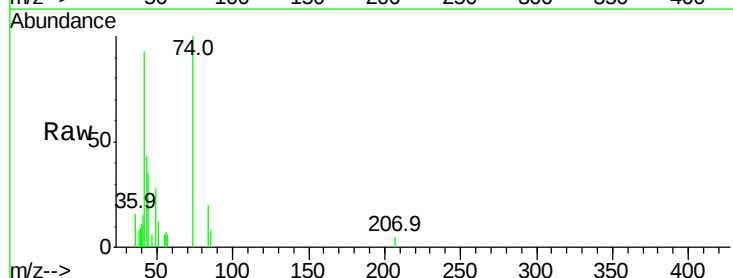
RT: 3.62 min Scan# 218

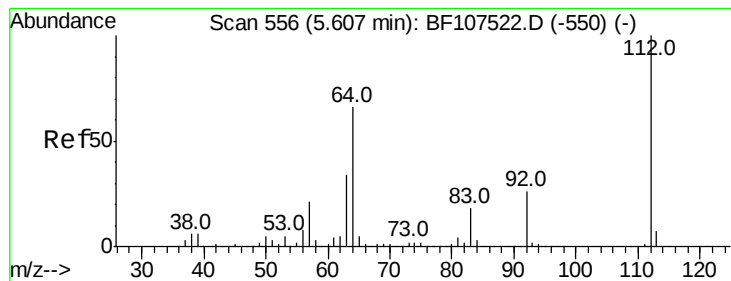
Delta R.T. 0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.3	104.9	157.3
44	37.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 5.131 ng/mL

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

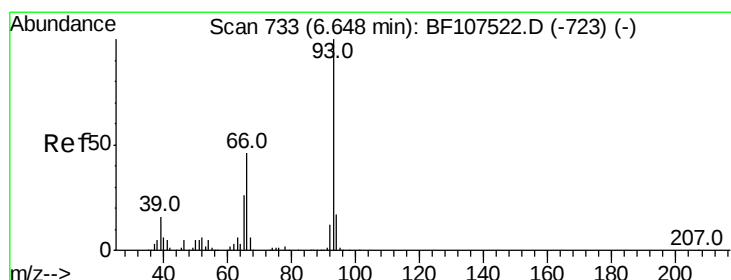
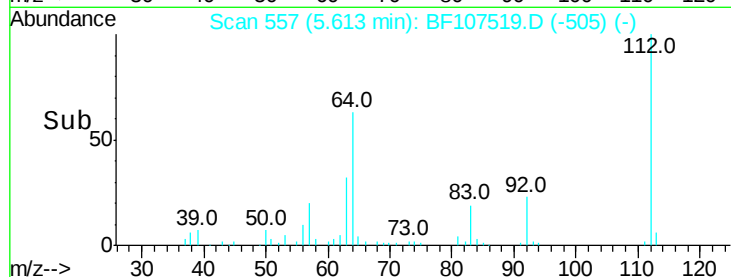
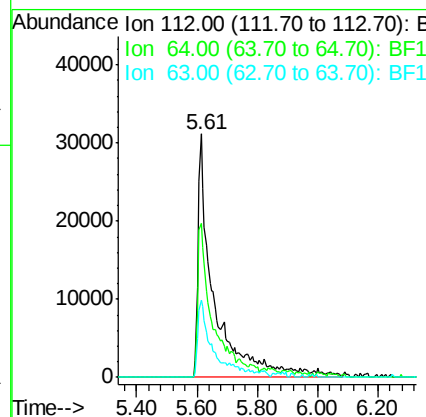
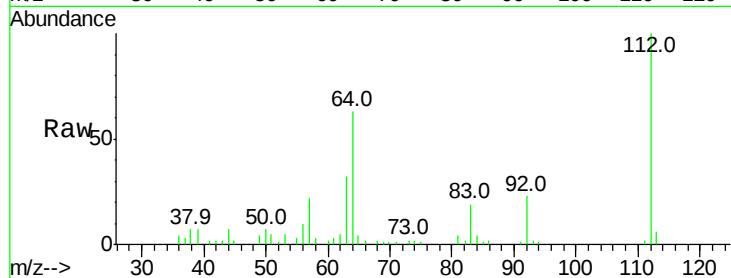
ClientSampleId :

SSTDICC2.5

Tot Ion:	112	Resp:	114721
Ion Ratio	Lower	Upper	
112	100		
64	63.3	47.9	71.9
63	31.9	23.7	35.5

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#6

Aniline

Concen: 2.158 ng/mL

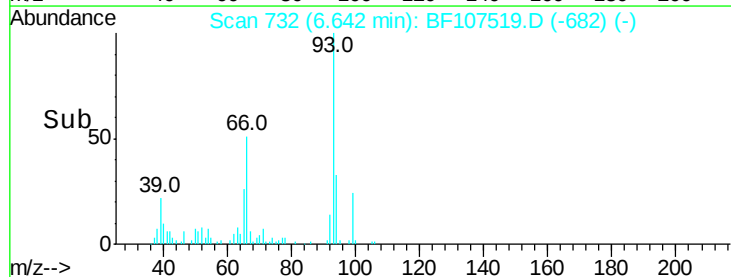
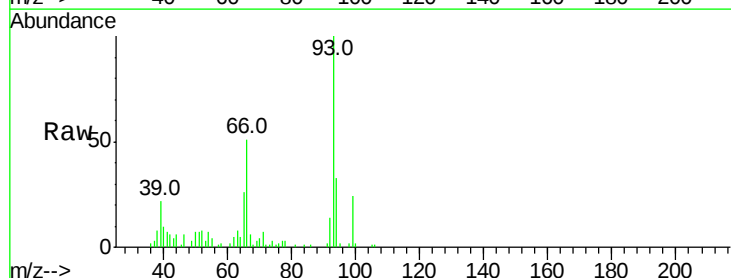
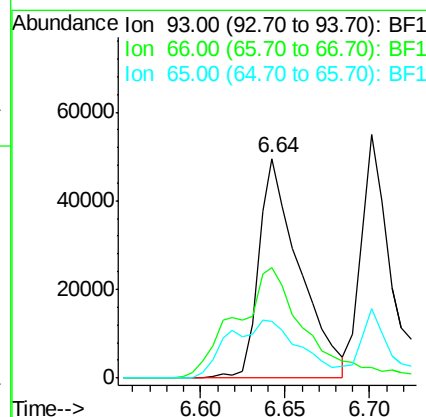
RT: 6.64 min Scan# 732

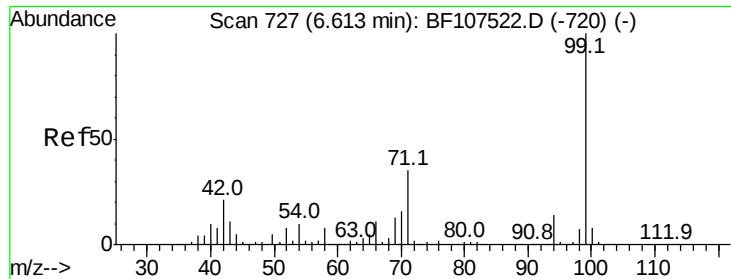
Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion:	93	Resp:	82477
Ion Ratio	Lower	Upper	
93	100		
66	50.7	32.2	48.2#
65	25.9	16.4	24.6#





#7

Phenol-d6

Concen: 4.734 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

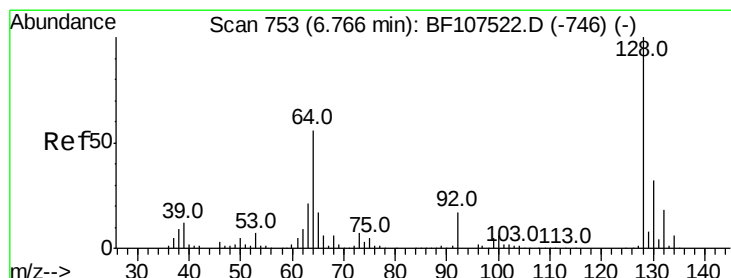
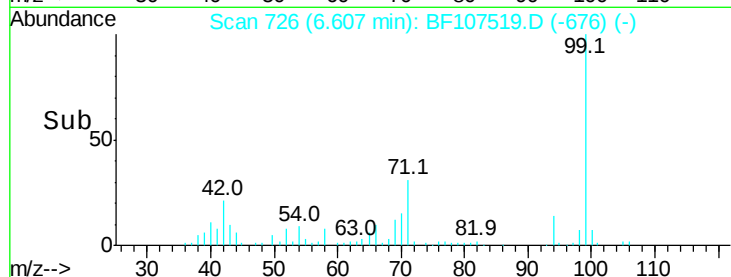
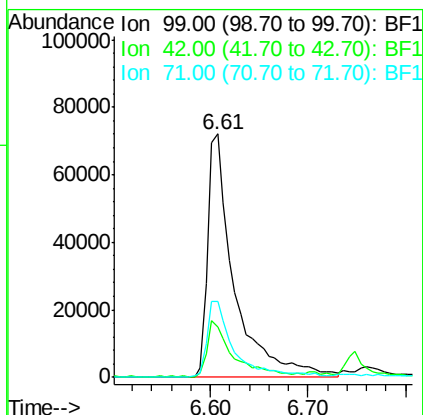
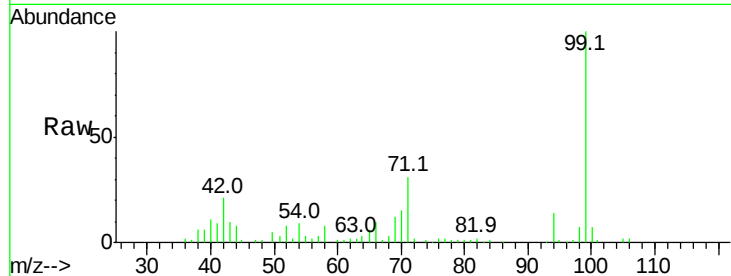
ClientSampleId :

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Tot Ion:	99	Resp:	136831
Ion Ratio	Lower	Upper	
99	100		
42	20.7	14.5	21.7
71	31.1	25.4	38.0

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#8

2-Chlorophenol

Concen: 2.630 ng

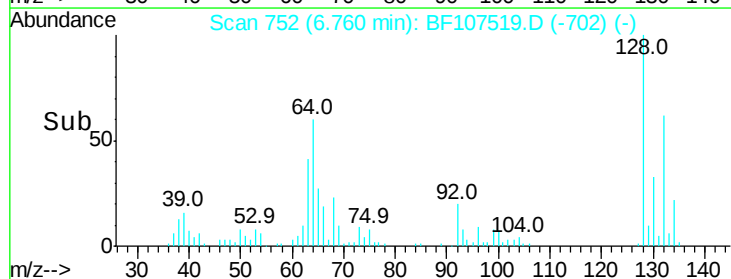
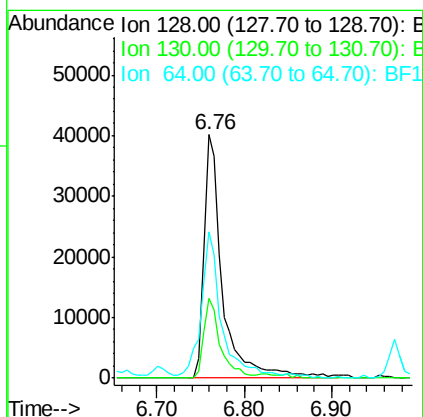
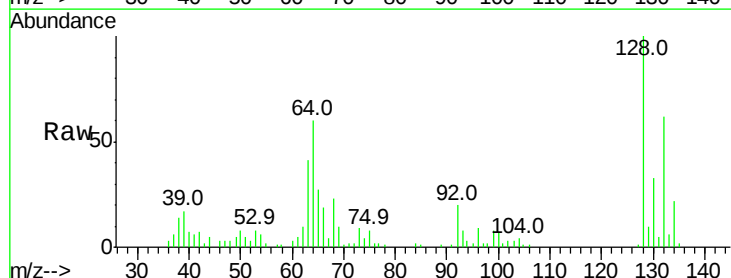
RT: 6.76 min Scan# 752

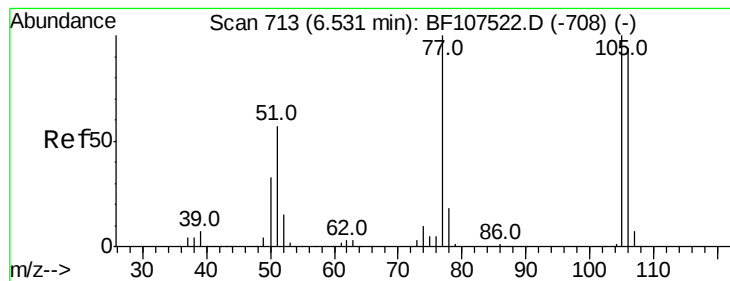
Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion:	128	Resp:	59471
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	60.1	29.4	69.4





#9

Benzaldehyde

Concen: 2.400 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

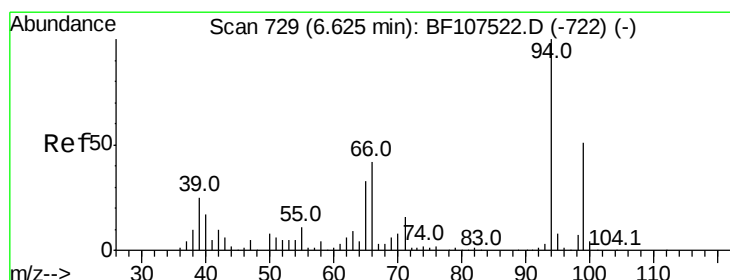
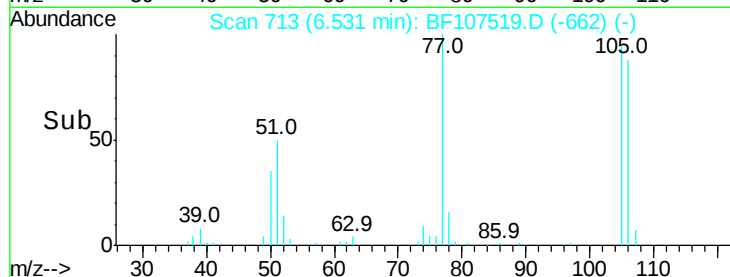
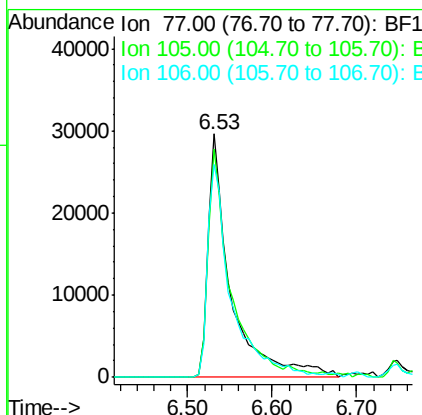
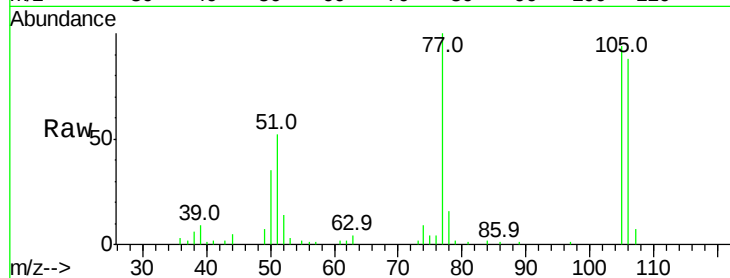
ClientSampleId :

SSTDICC2.5

Tot Ion:	77	Resp:	55812
Ion	Ratio	Lower	Upper
77	100		
105	93.7	81.1	121.1
106	87.7	74.5	114.5

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#10

Phenol

Concen: 2.811 ng

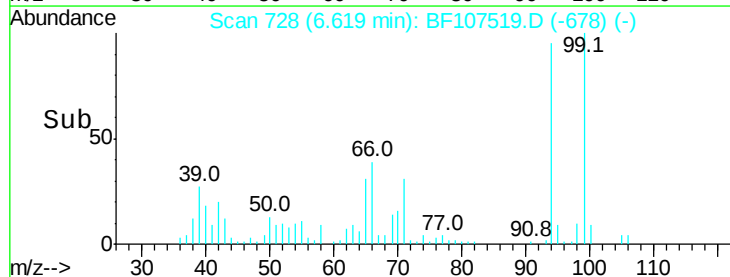
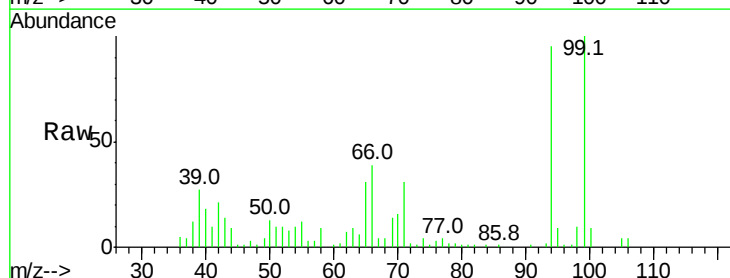
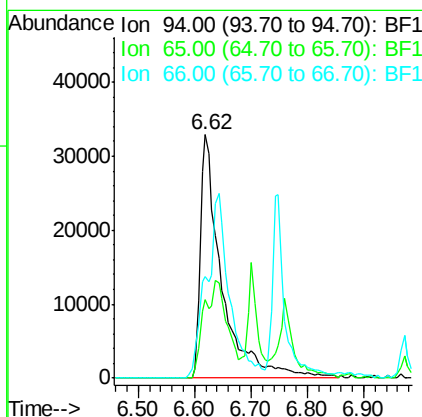
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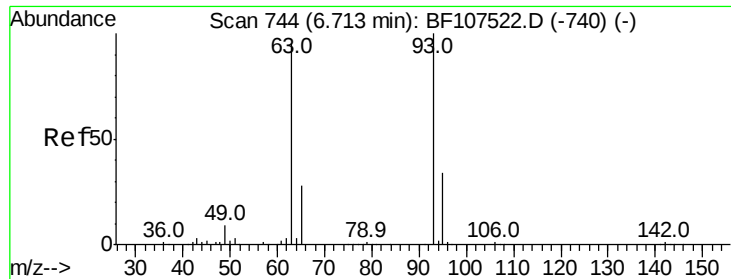
Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion:	94	Resp:	87104
Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.9	47.9
66	41.6	16.2	56.2





#11

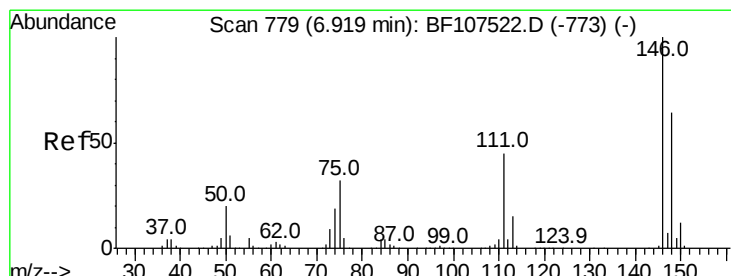
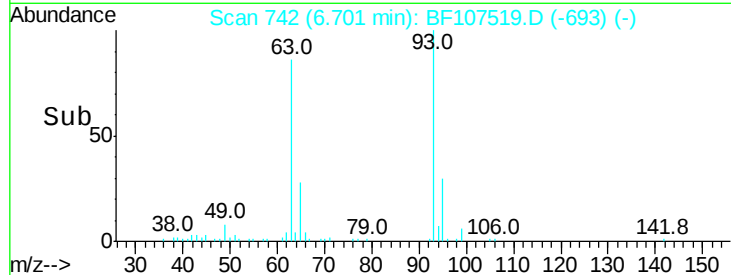
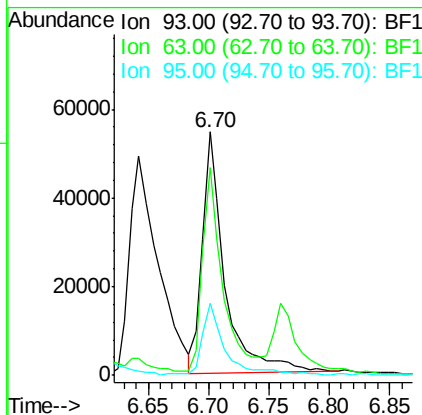
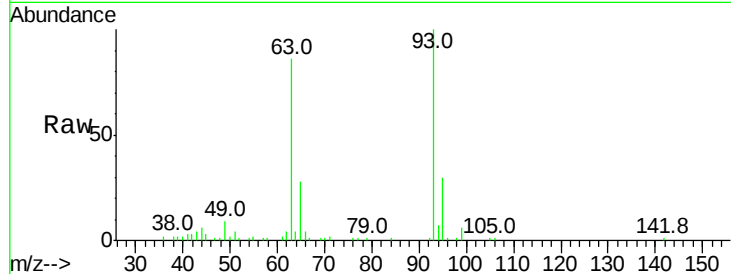
bis(2-Chloroethyl)ether
Concen: 2.787 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	93	Resp	70472
Ion	Ratio	Lower	Upper
93	100		
63	85.6	58.6	98.6
95	29.8	11.8	51.8

Manual Integrations
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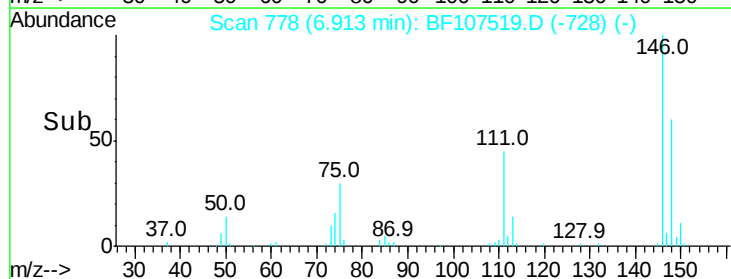
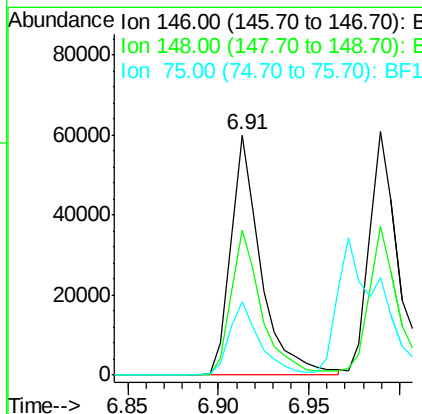
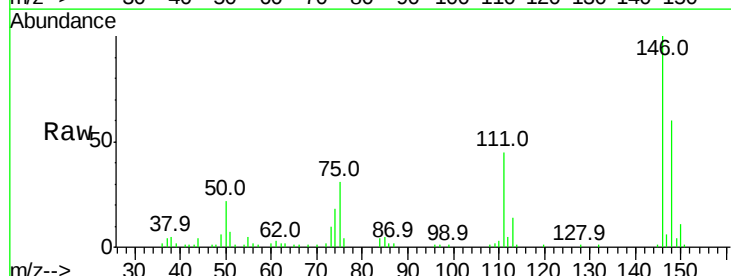
Sohil
7/23/2018 12:44:13 PM

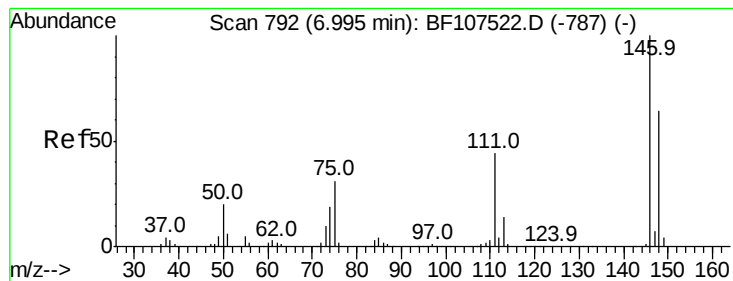


#12

1,3-Dichlorobenzene
Concen: 2.521 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	146	Resp	69213
Ion	Ratio	Lower	Upper
146	100		
148	60.4	51.8	77.8
75	30.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 2.656 ng

RT: 6.99 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

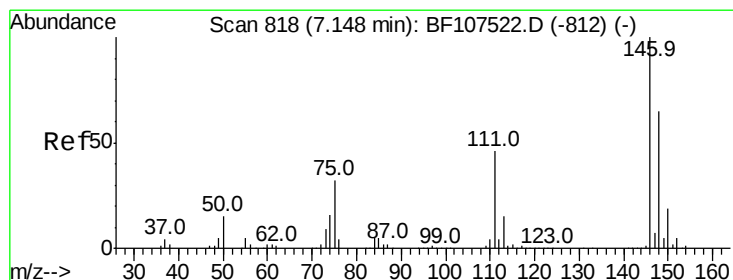
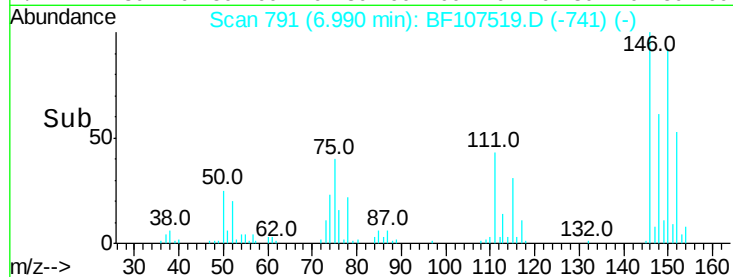
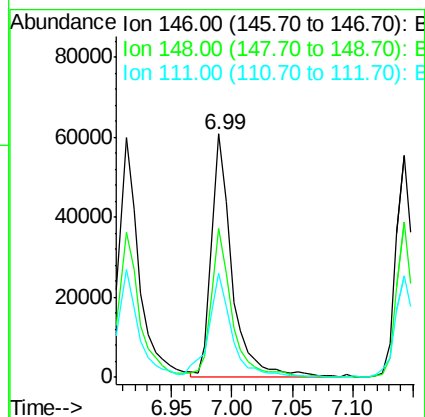
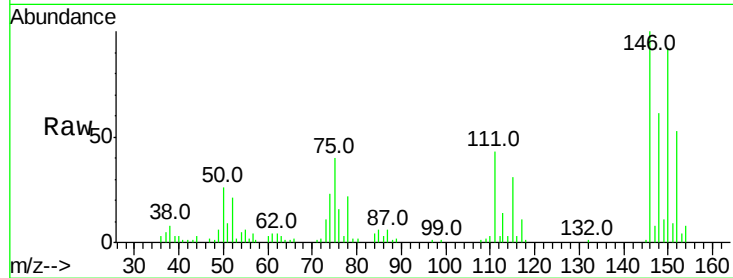
ClientSampled :

SSTDICC2.5

Tot Ion:	146	Resp:	72275
Ion Ratio	Lower	Upper	
146	100		
148	61.1	50.8	76.2
111	42.9	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 2.629 ng

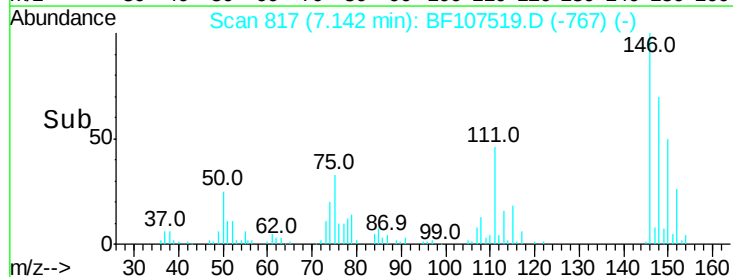
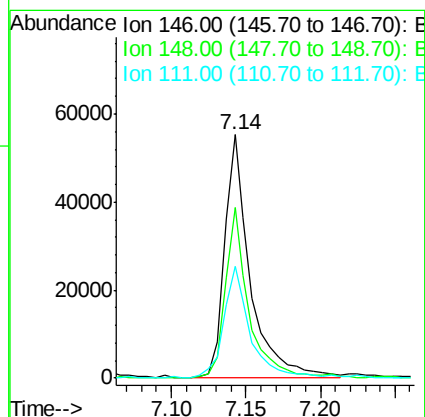
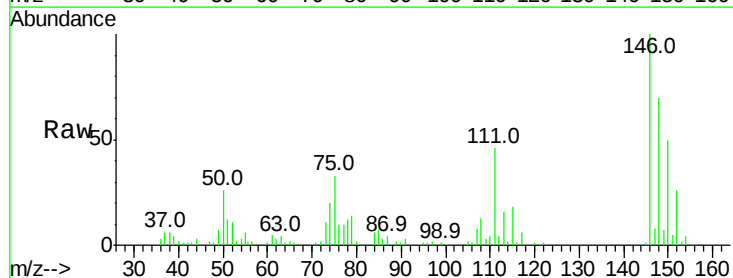
RT: 7.14 min Scan# 817

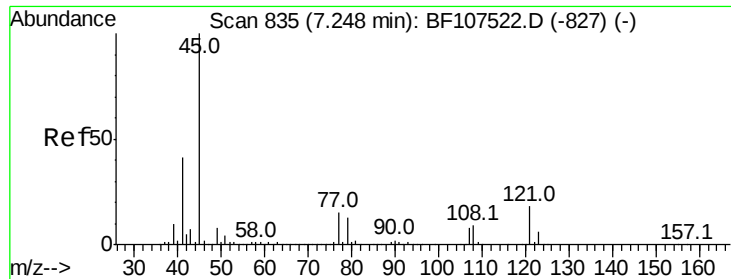
Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion:	146	Resp:	66927
Ion Ratio	Lower	Upper	
146	100		
148	70.2	50.6	75.8
111	45.8	36.0	54.0





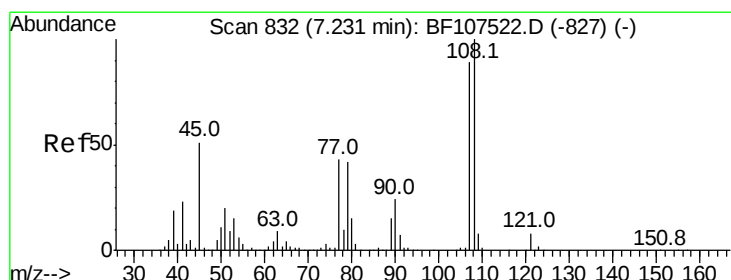
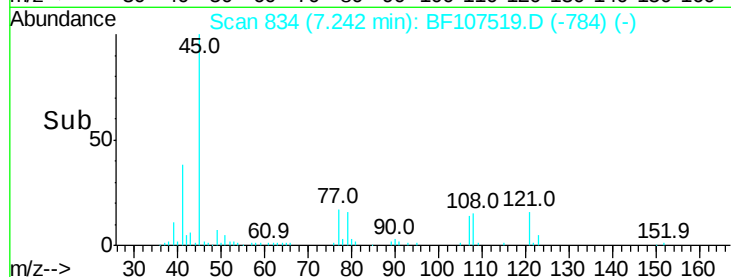
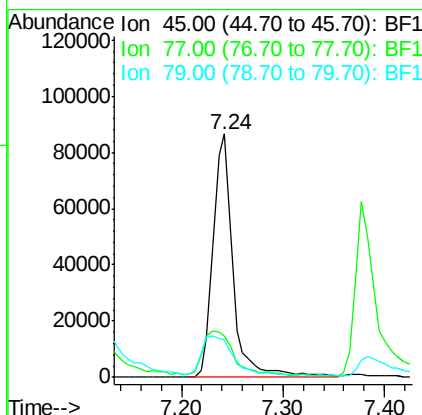
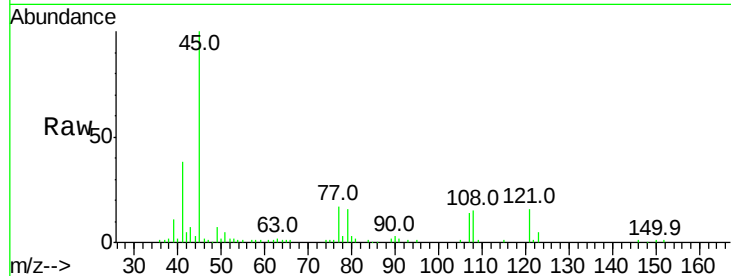
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.420 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	32.9
79	15.6	0.0	29.6

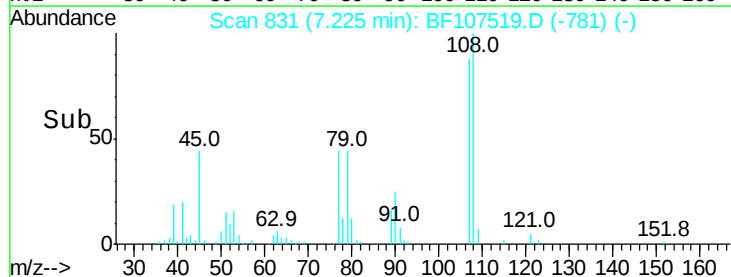
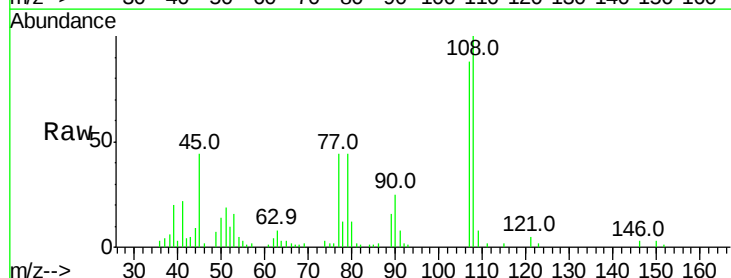
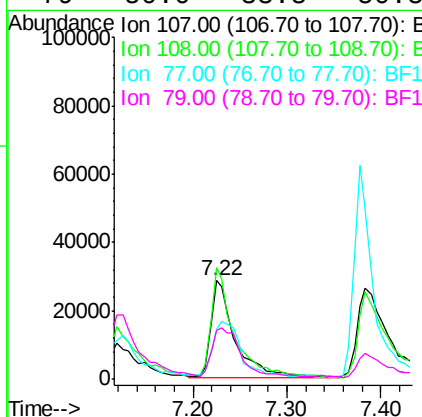
Manual Integrations
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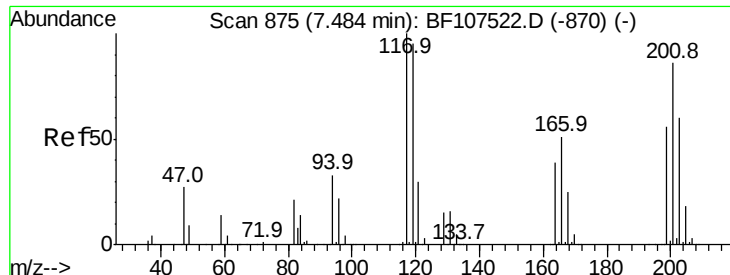
Sohil
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#17
2-Methylphenol
Concen: 2.411 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	50.3	33.8	50.8
79	50.0	33.8	50.8





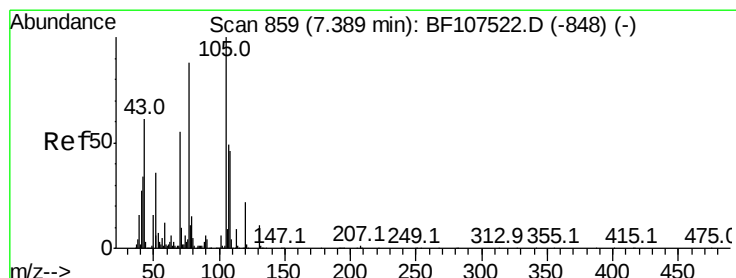
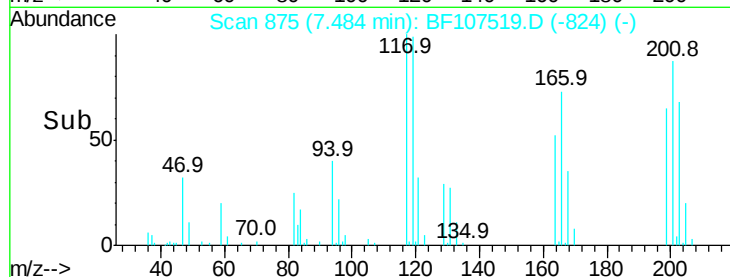
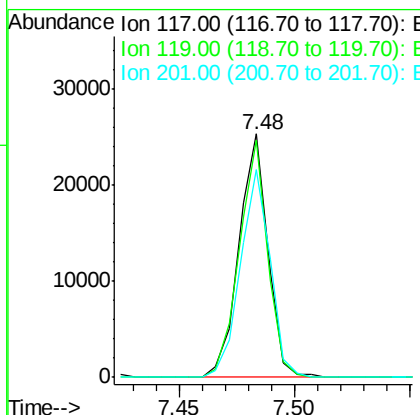
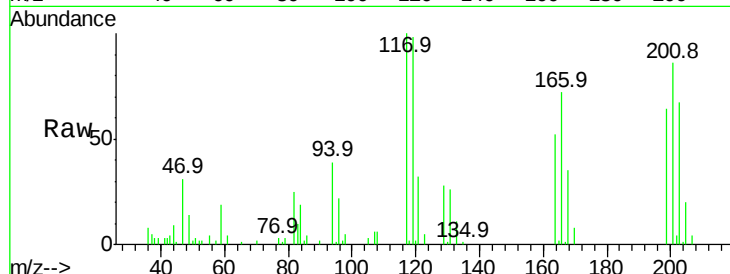
#18
Hexachloroethane
Concen: 2.183 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	85.6	75.7	113.5

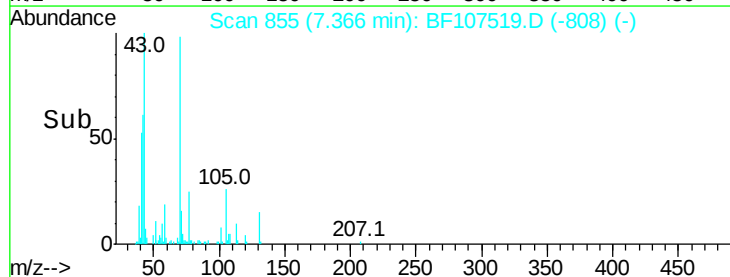
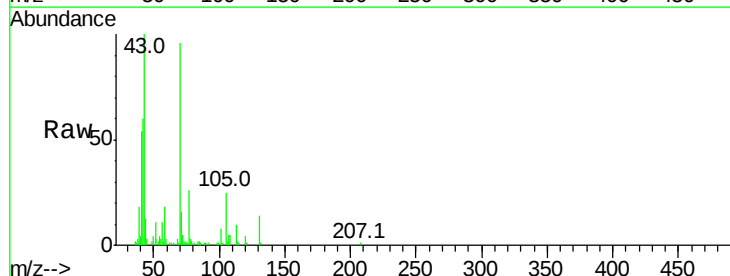
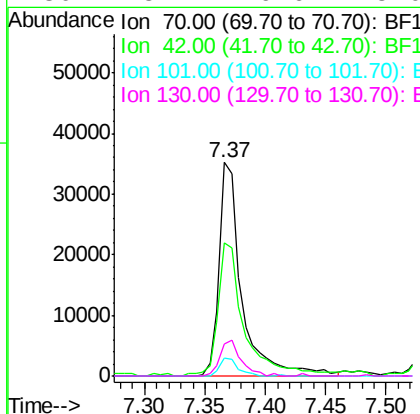
Manual Integrations
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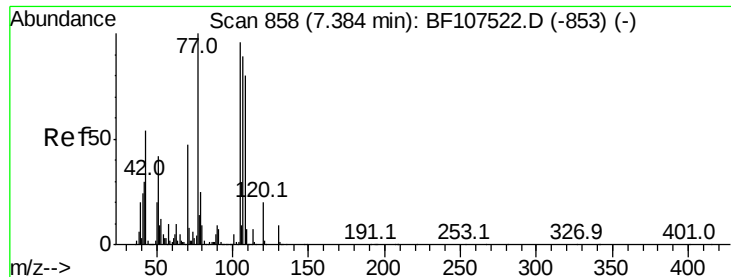
Sohil
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#19
n-Nitroso-di-n-propylamine
Concen: 2.205 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.5	71.3
101	8.5	7.4	11.2
130	15.1	16.6	25.0#





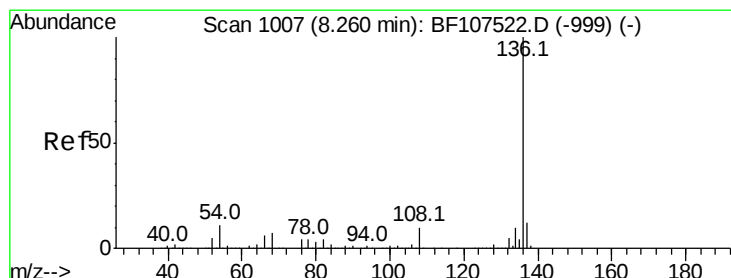
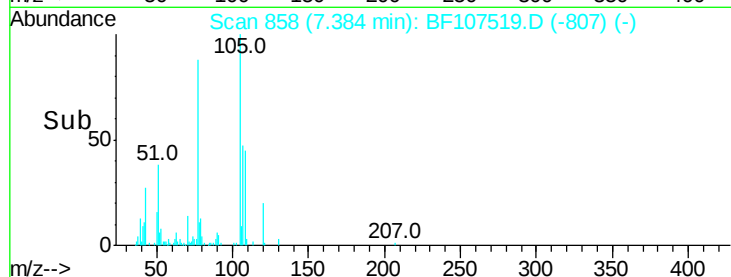
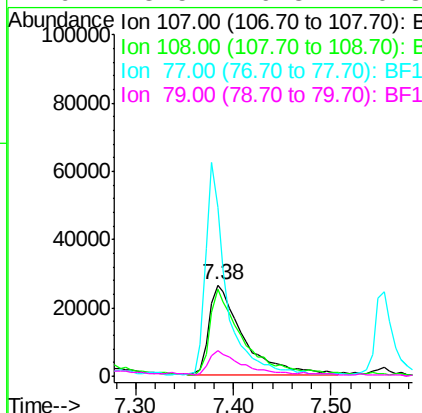
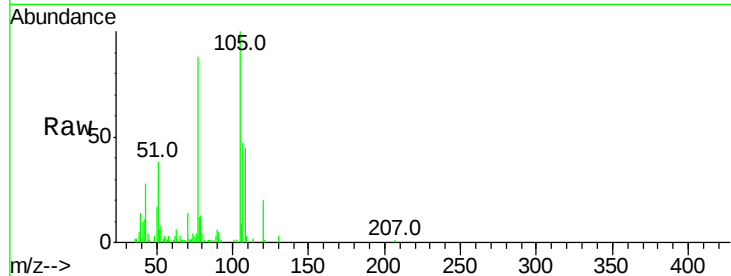
#20
3+4-Methylphenols
Concen: 2.327 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
107	100		
108	96.3	68.2	108.2
77	186.3	26.7	66.7#
79	28.5	6.3	46.3

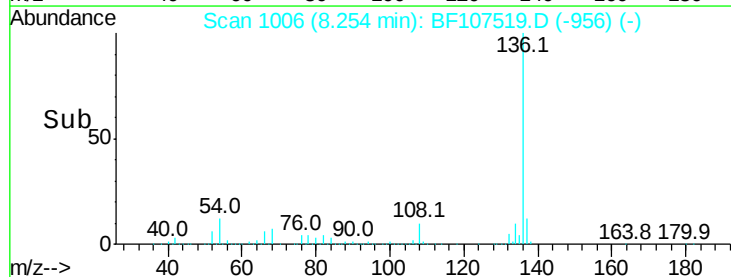
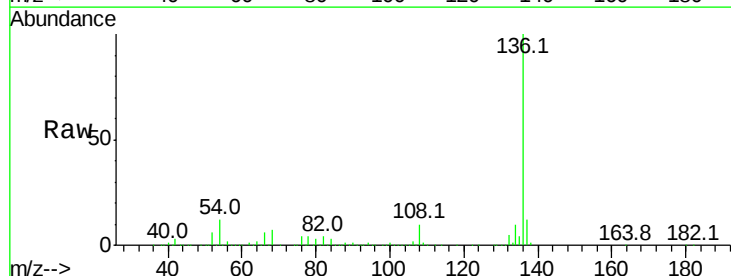
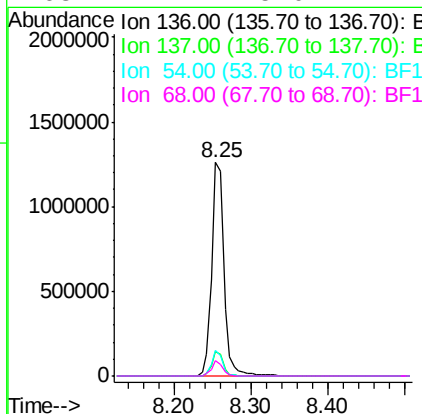
Manual Integrations
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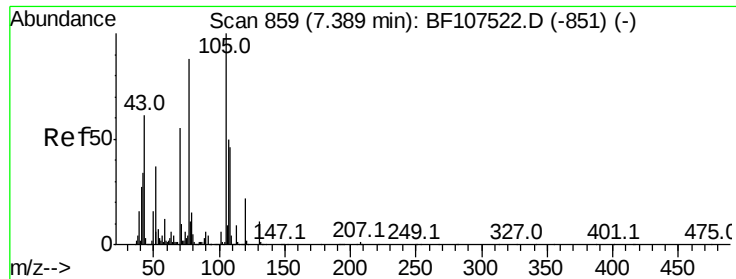
Sohil
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.8	6.6	9.8#
68	7.2	5.0	7.4





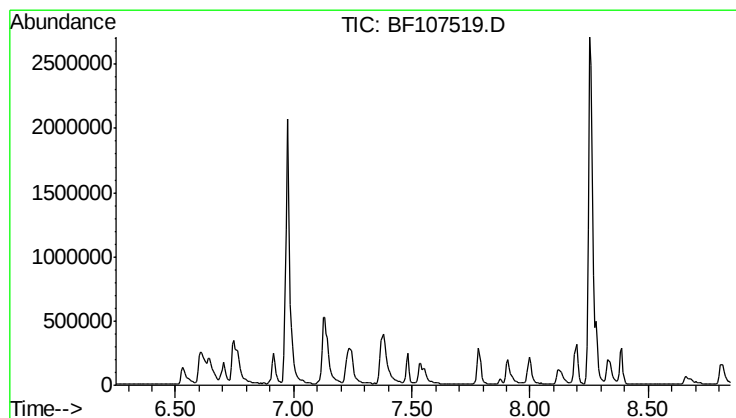
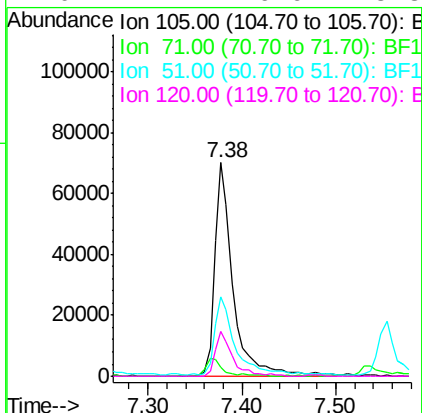
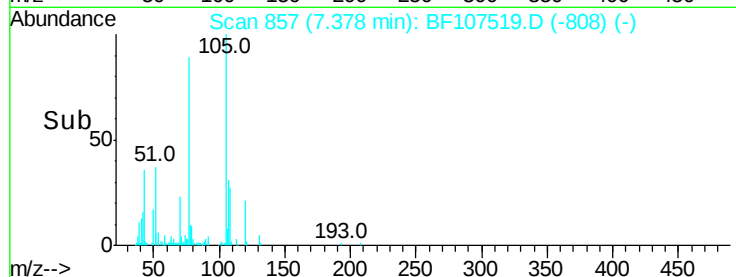
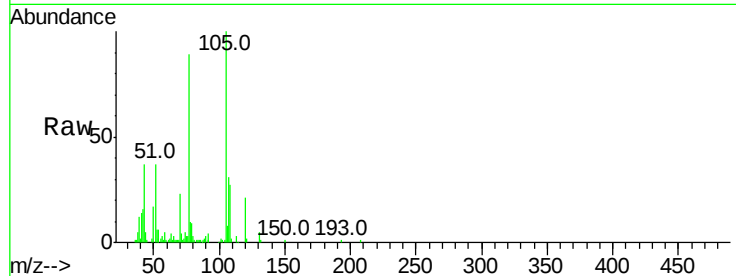
#22
Acetophenone
Concen: 2.559 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.1	4.4	6.6#
51	37.3	22.3	33.5#
120	21.1	16.9	25.3

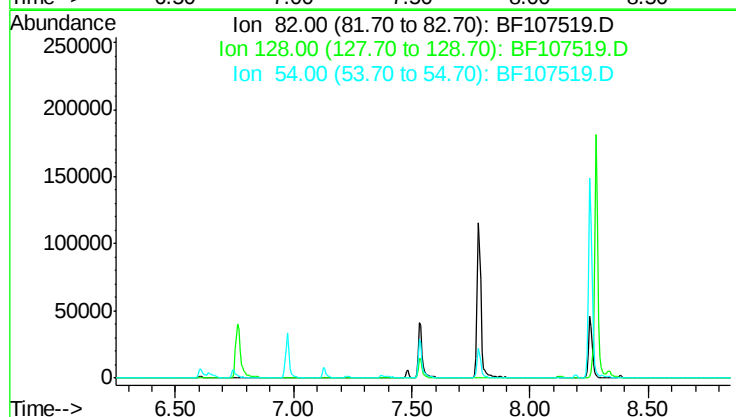
Manual Integrations
APPROVED

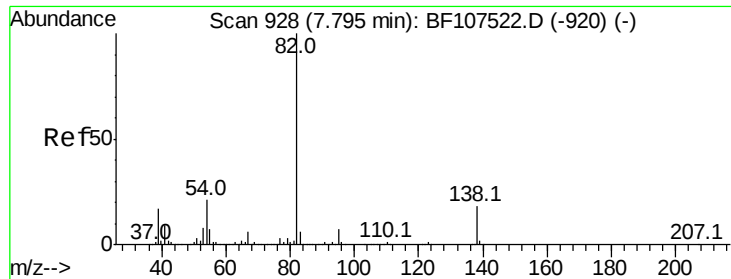
Sohil
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#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.55 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Exp Ratio
82	100
128	45.1
54	51.8





#25

Isophorone

Concen: 2.237 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

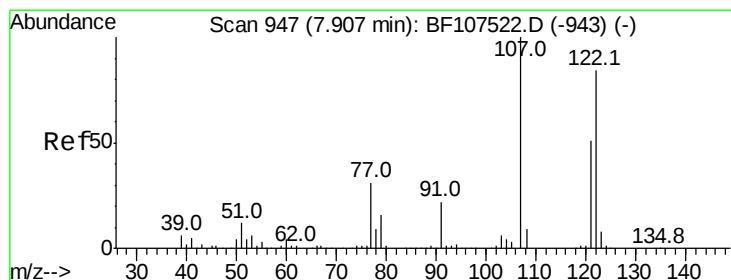
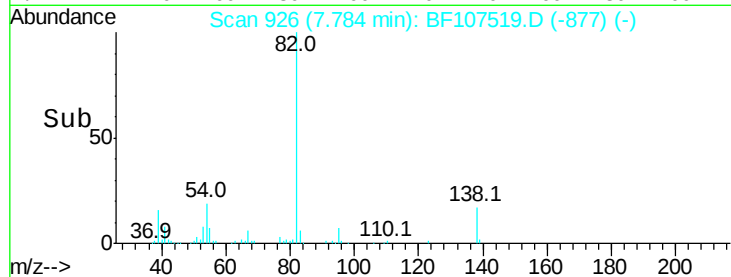
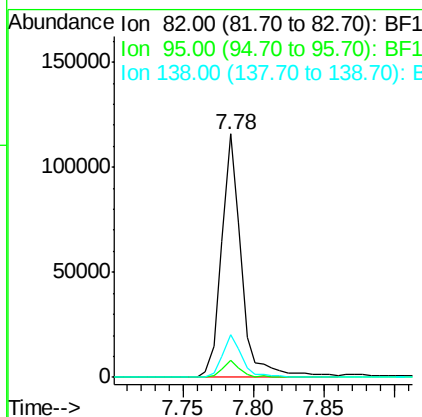
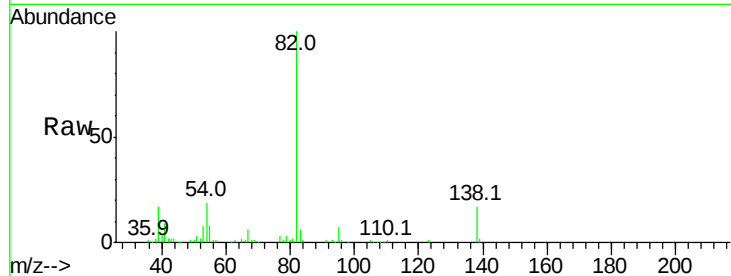
ClientSampleId :

SSTDICC2.5

Tot Ion:	82	Resp:	113742
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.3	14.9	22.3

Manual Integrations
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#27

2,4-Dimethylphenol

Concen: 2.376 ng

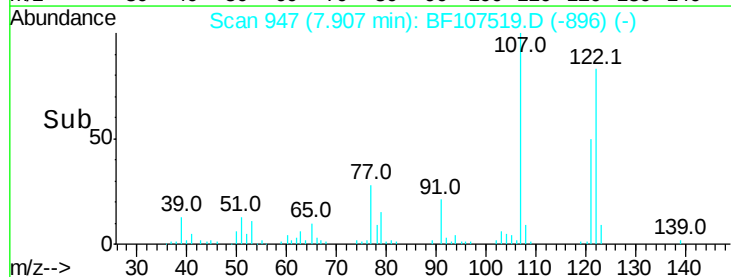
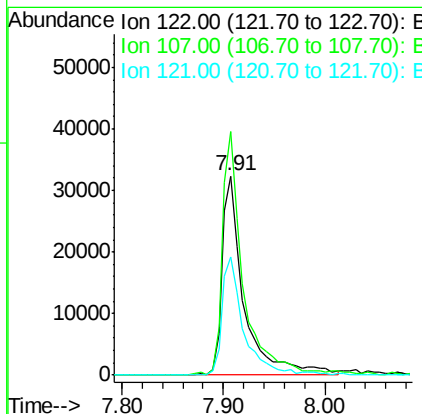
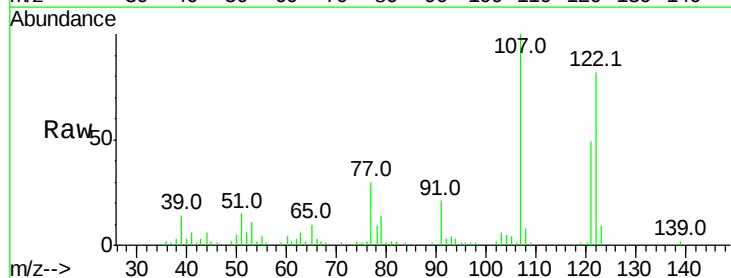
RT: 7.91 min Scan# 947

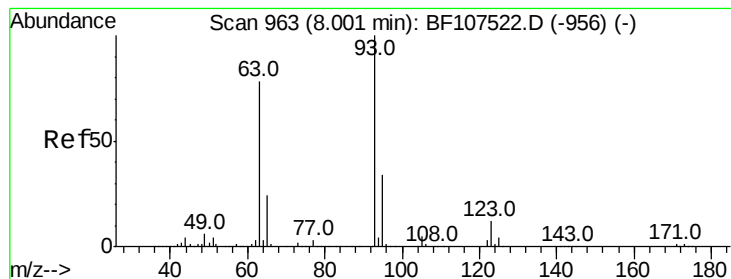
Delta R.T. 0.00 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion:	122	Resp:	48544
Ion Ratio	Lower	Upper	
122	100		
107	122.2	91.2	136.8
121	59.6	47.2	70.8





#28

bis(2-Chloroethoxy)methane

Concen: 2.453 ng

RT: 8.00 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

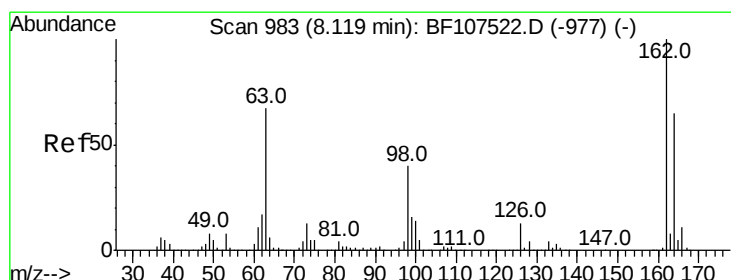
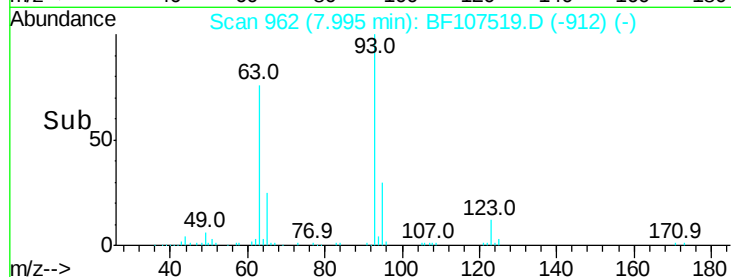
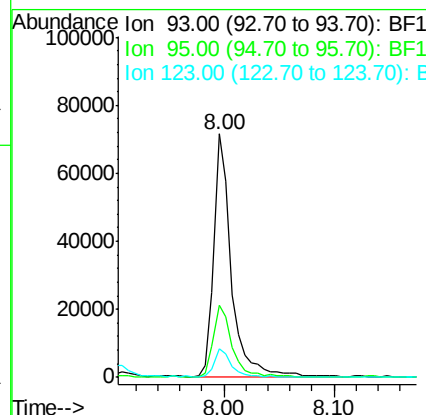
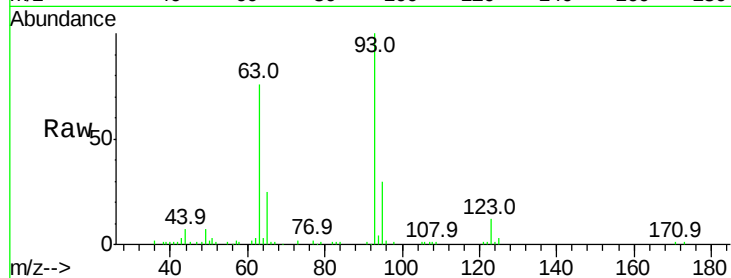
ClientSampleId :

SSTDICC2.5

Tot Ion:	93	Resp:	78116
Ion	Ratio	Lower	Upper
93	100		
95	29.5	26.3	39.5
123	11.6	9.8	14.6

Manual Integrations
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#29

2,4-Dichlorophenol

Concen: 1.974 ng

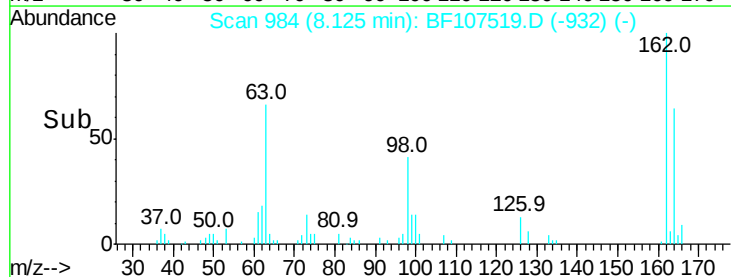
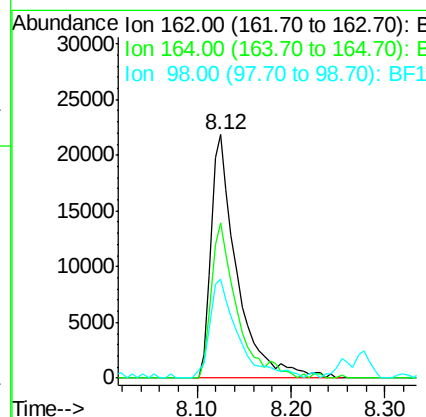
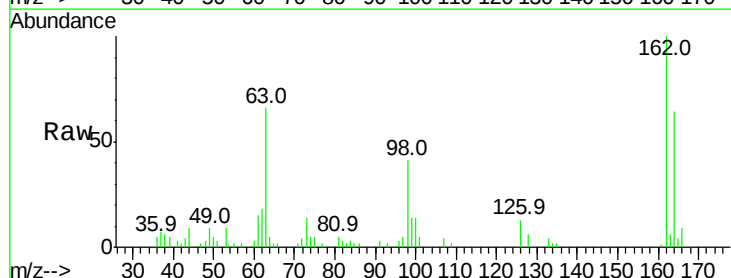
RT: 8.12 min Scan# 984

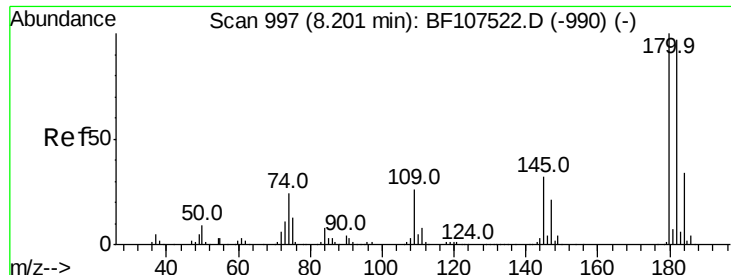
Delta R.T. 0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion:	162	Resp:	41978
Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	40.9	18.1	58.1





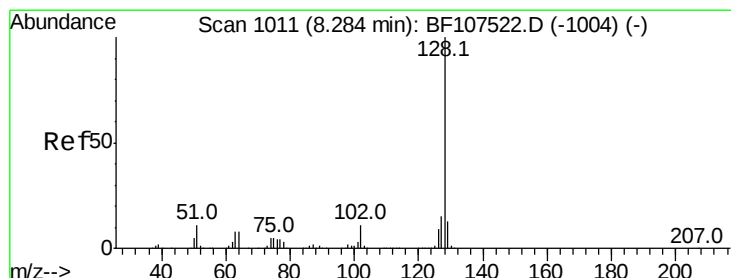
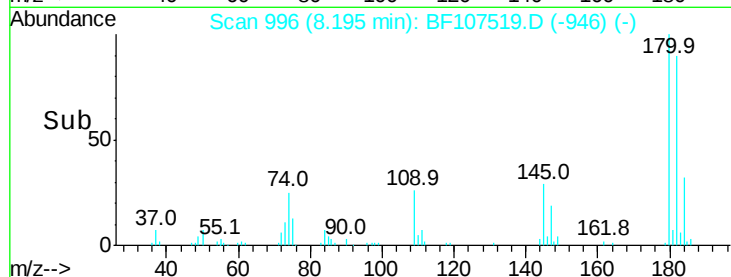
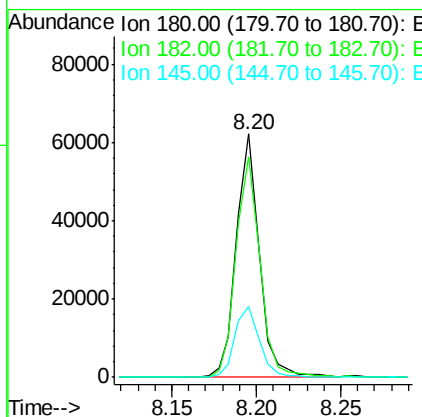
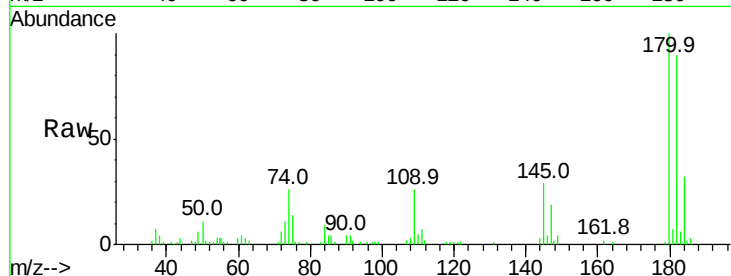
#30
 1,2,4-Trichlorobenzene
 Concen: 2.293 ng
 RT: 8.20 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.3	76.8	115.2
145	29.0	26.5	39.7

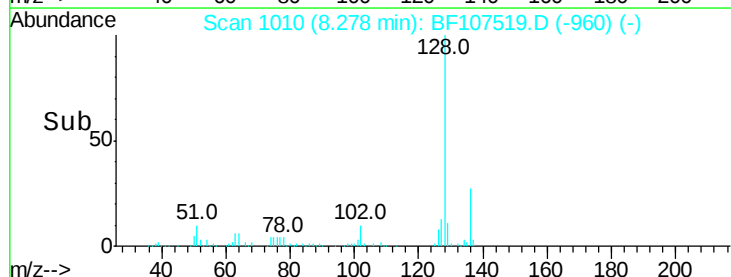
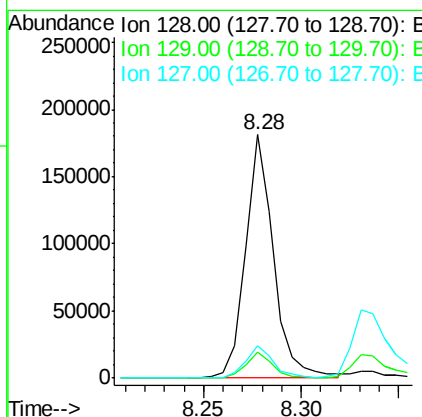
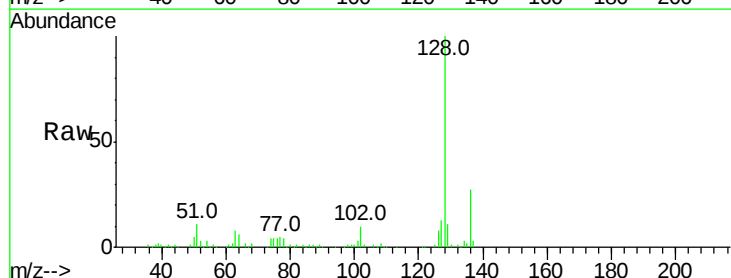
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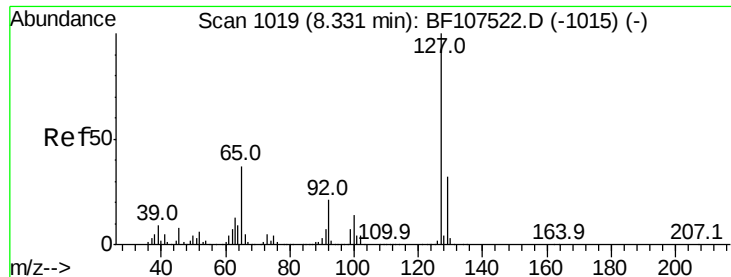
Sohil
 7/23/2018 12:44:13 PM



#31
 Naphthalene
 Concen: 2.705 ng
 RT: 8.28 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.3	10.9	16.3





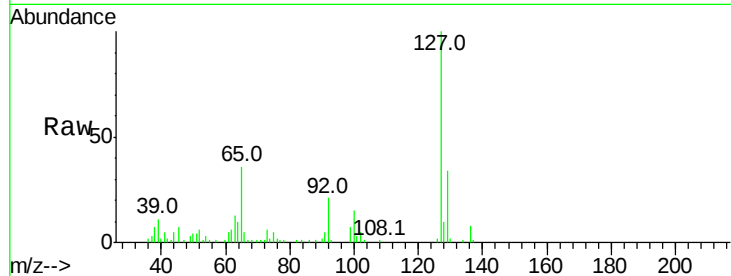
#33
4-Chloroaniline
Concen: 2.583 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

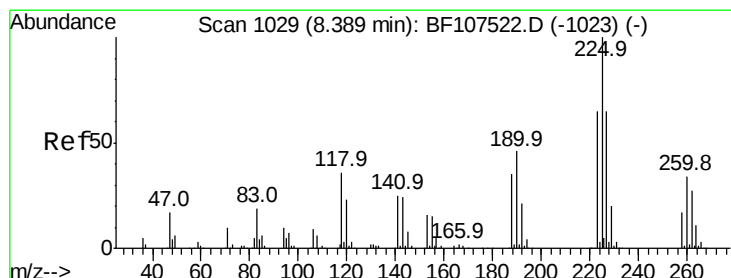
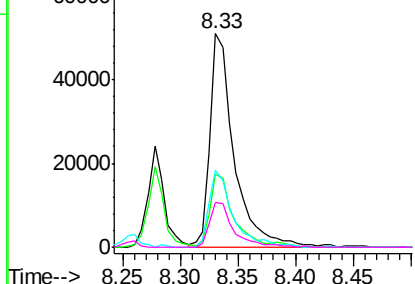
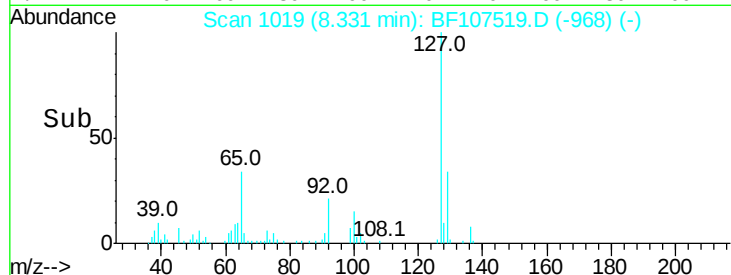
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.9	38.9
65	35.7	25.0	37.4
92	21.1	15.2	22.8

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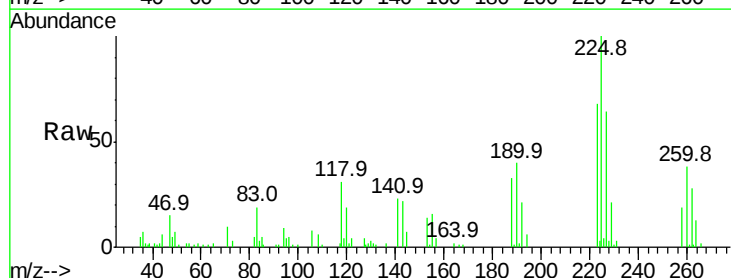


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

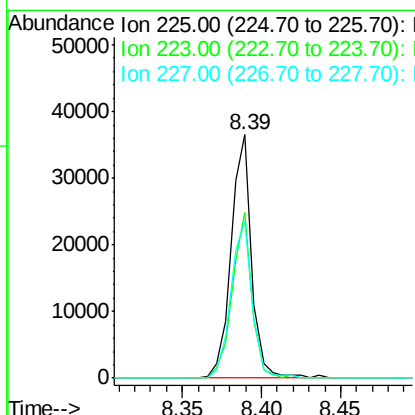
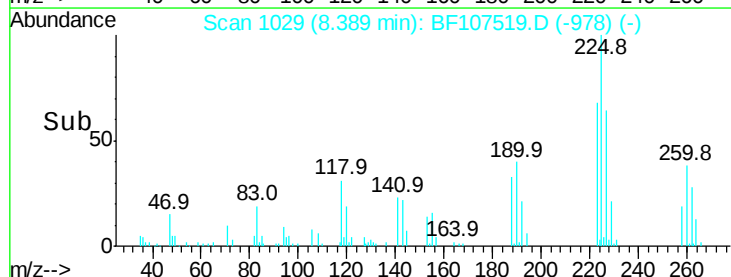


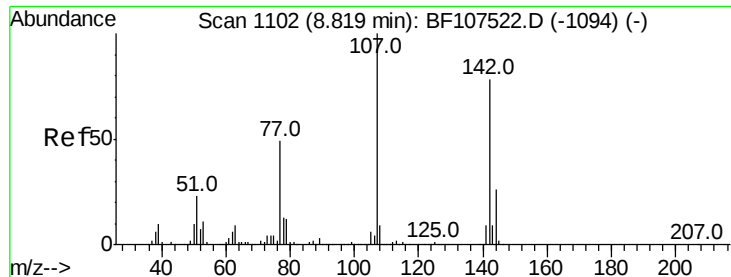
#34
Hexachlorobutadiene
Concen: 1.904 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.0	50.6	76.0
227	64.3	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





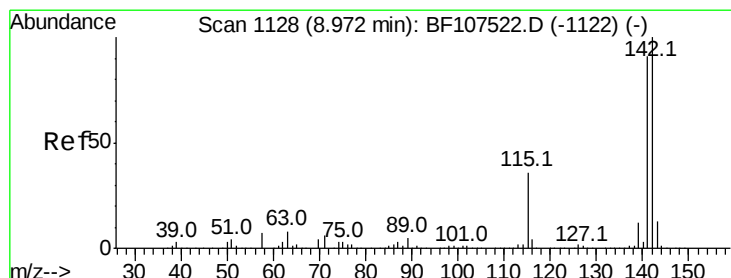
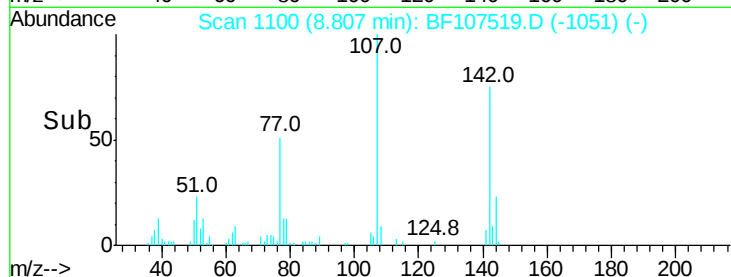
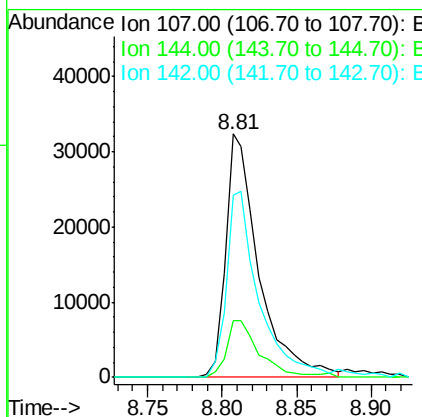
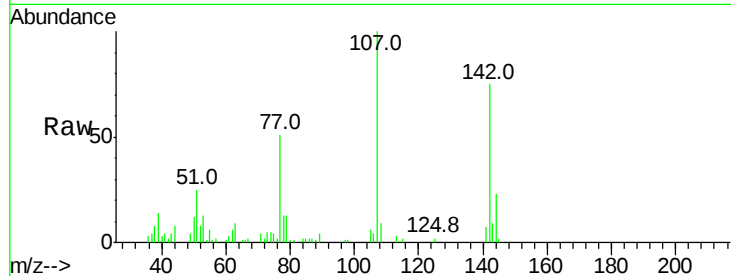
#36
4-Chloro-3-methylphenol
Concen: 1.817 ng
RT: 8.81 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
107	100	50487		
144	23.1		20.5	30.7
142	75.0		62.0	93.0

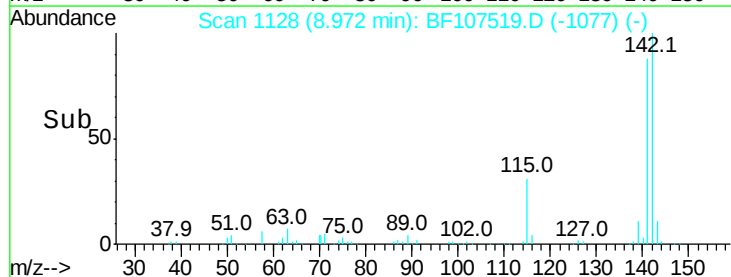
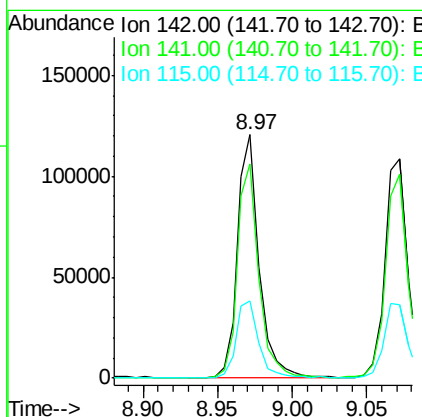
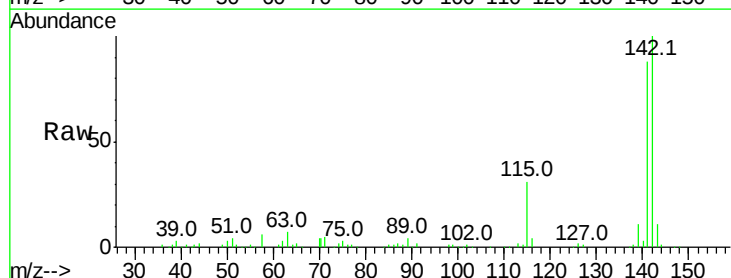
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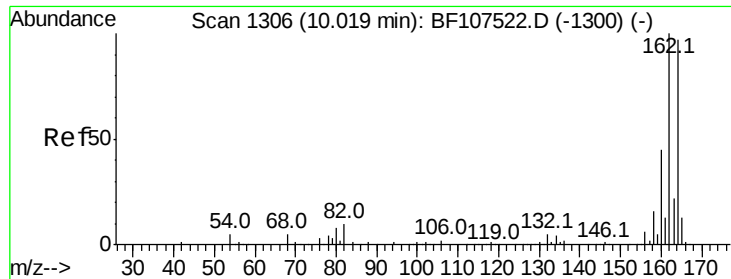
Sohil
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#37
2-Methylnaphthalene
Concen: 2.813 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	123210		
141	87.9		70.8	106.2
115	31.5		26.1	39.1





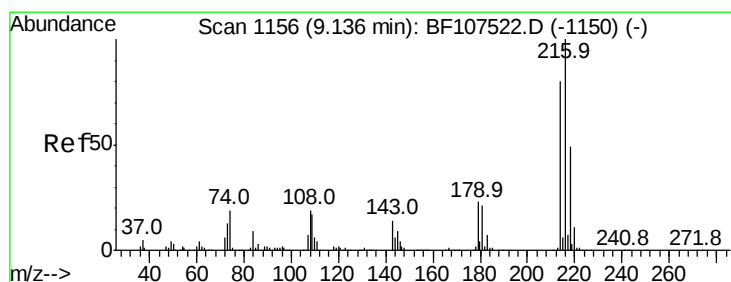
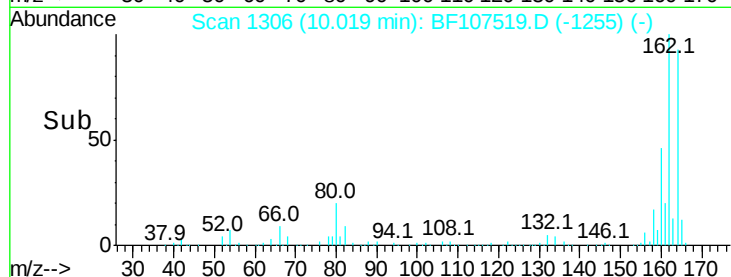
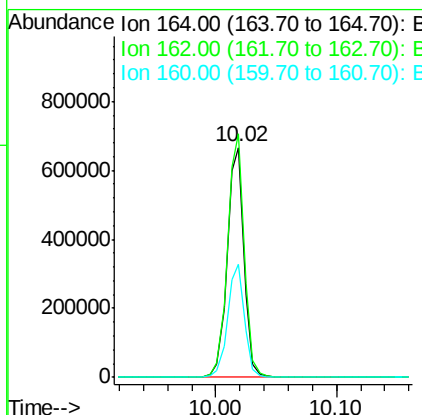
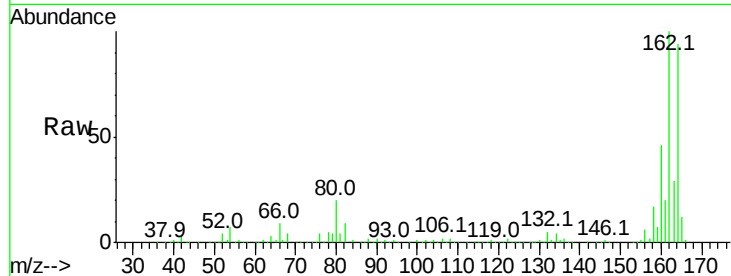
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	49.2	38.3	57.5

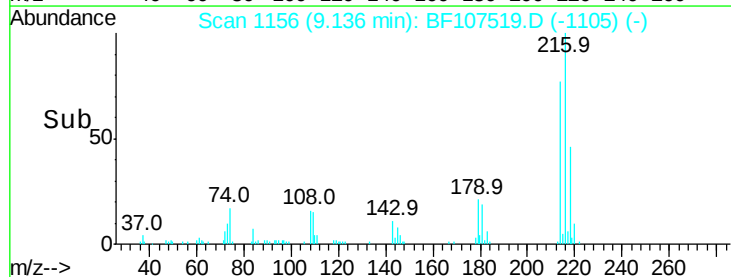
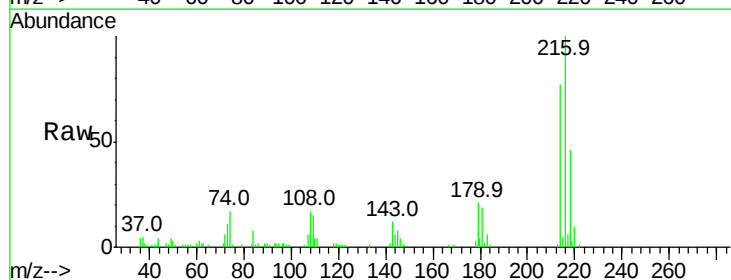
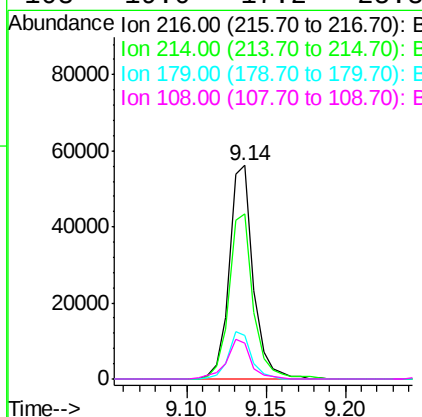
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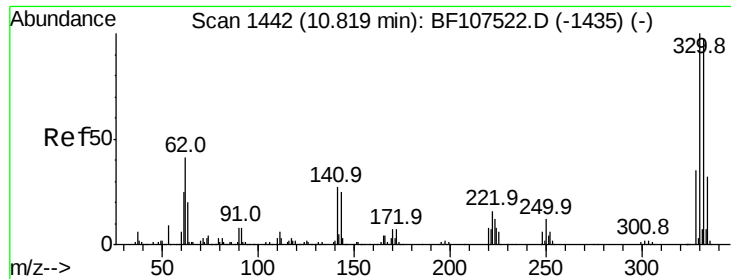
Sohil
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.364 ng
RT: 9.14 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	21.3	18.1	27.1
108	19.0	17.2	25.8





#41

2,4,6-Tribromophenol

Concen: 5.275 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

ClientSampleId :

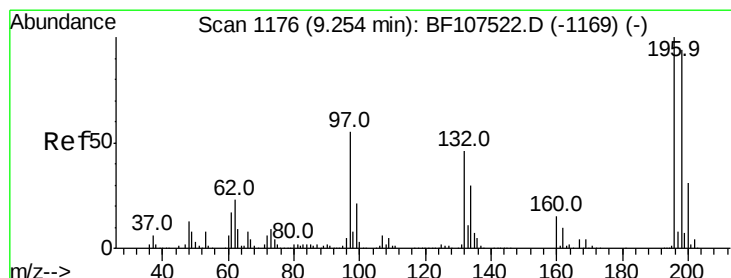
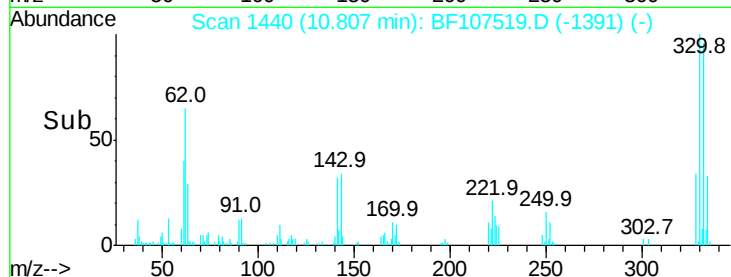
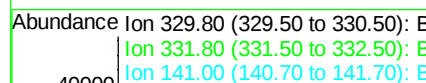
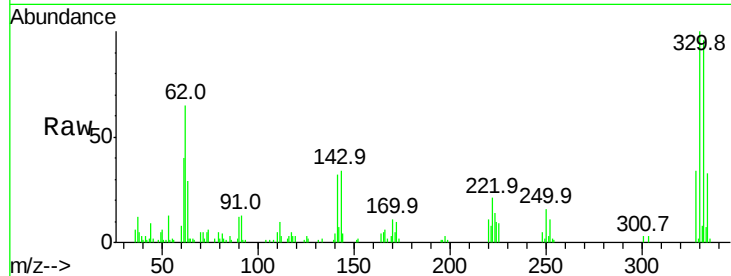
SSTDICC2.5

Tot Ion:	330	Resp:	29664
Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.0	115.6
141	35.7	29.9	44.9

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#42

2,4,6-Trichlorophenol

Concen: 1.824 ng m

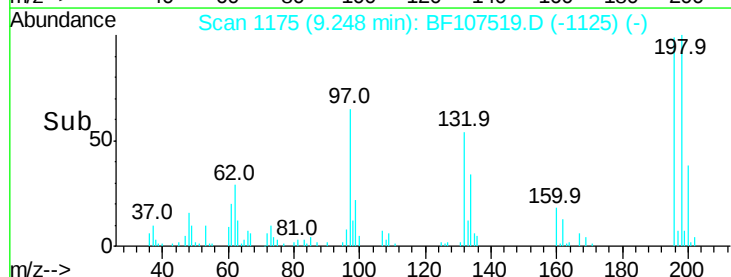
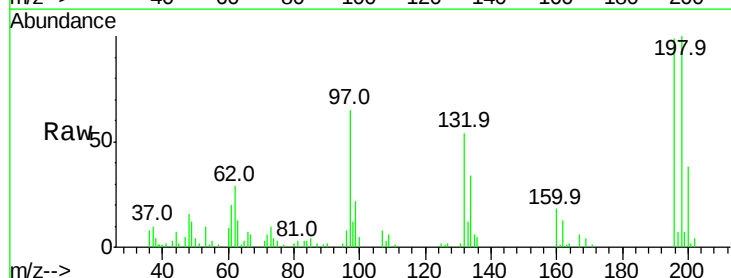
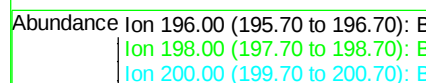
RT: 9.25 min Scan# 1175

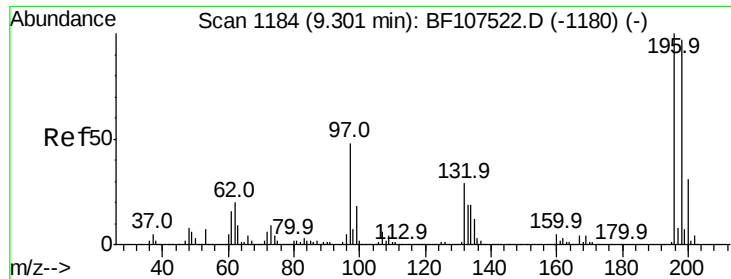
Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion:	196	Resp:	28354
Ion	Ratio	Lower	Upper
196	100		
198	100.6	75.7	113.5
200	38.2	24.5	36.7#





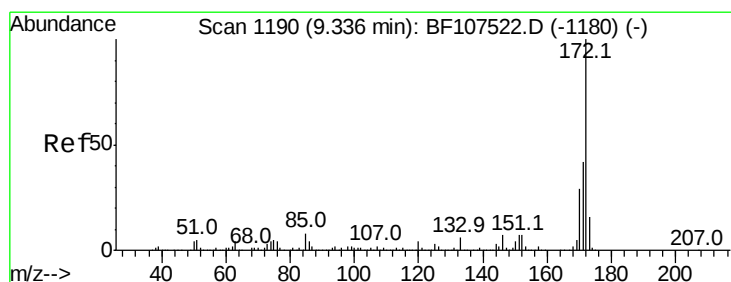
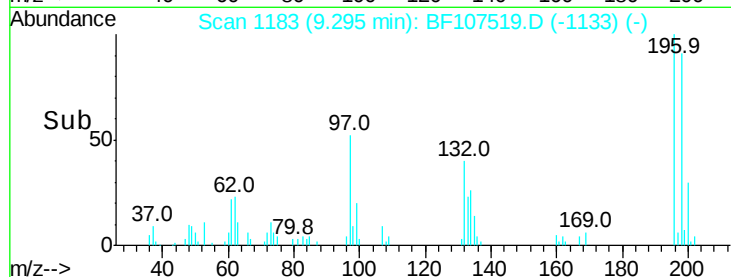
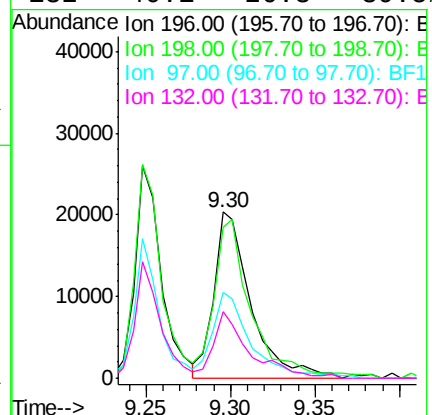
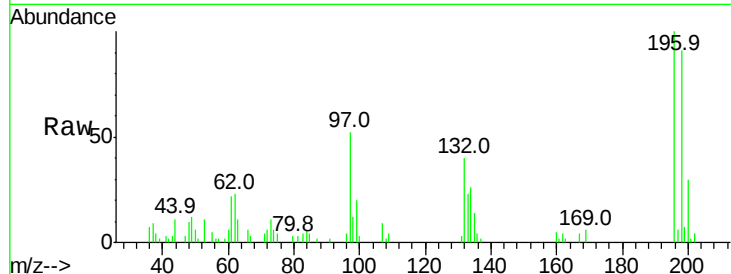
#43
 2,4,5-Trichlorophenol
 Concen: 2.103 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
196	100	31276		
198	90.9	74.6	112.0	
97	51.6	42.9	64.3	
132	40.1	26.3	39.5	

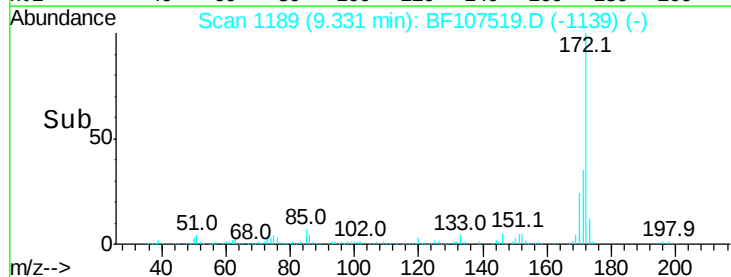
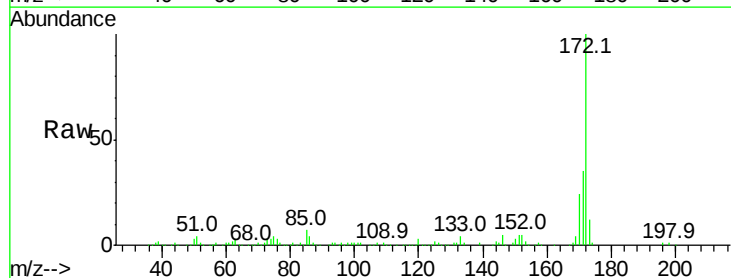
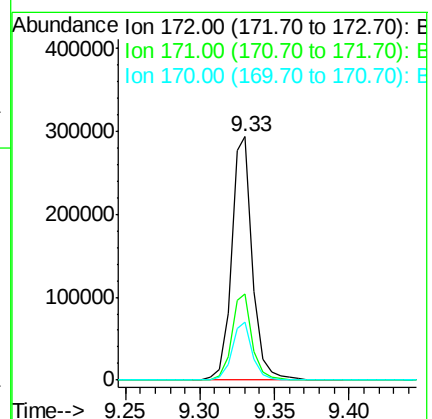
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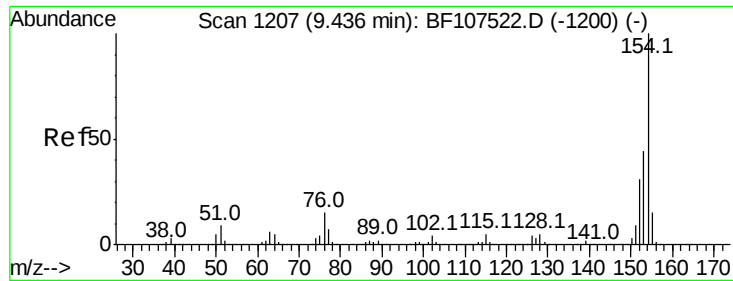
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 6.538 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	291210		
171	35.4	29.7	44.5	
170	23.6	19.6	29.4	





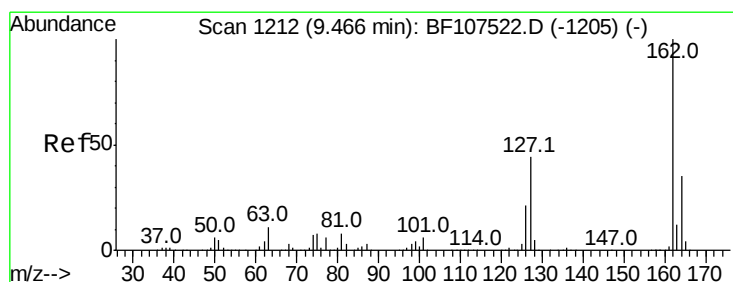
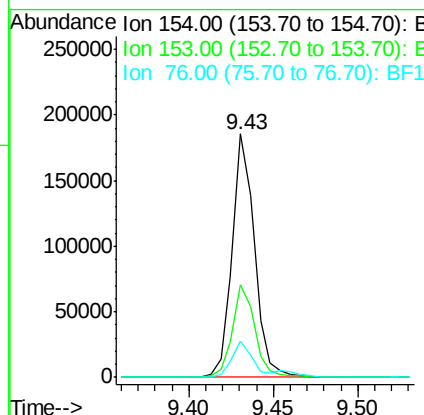
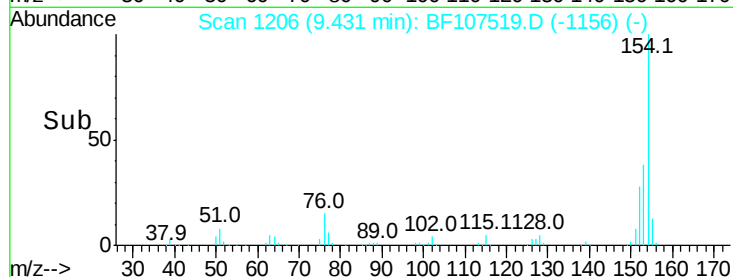
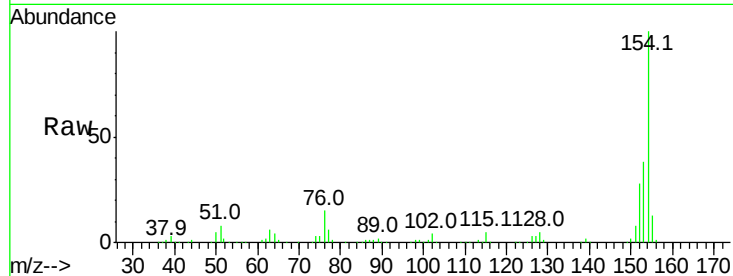
#45
 1,1'-Biphenyl
 Concen: 3.075 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	154	Resp:	170143
Ion Ratio	Lower	Upper	
154	100		
153	38.2	21.3	61.3
76	14.8	0.0	34.0

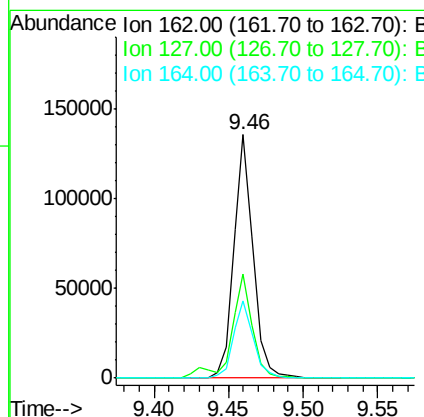
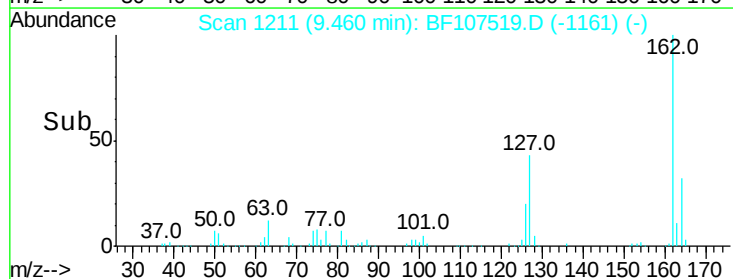
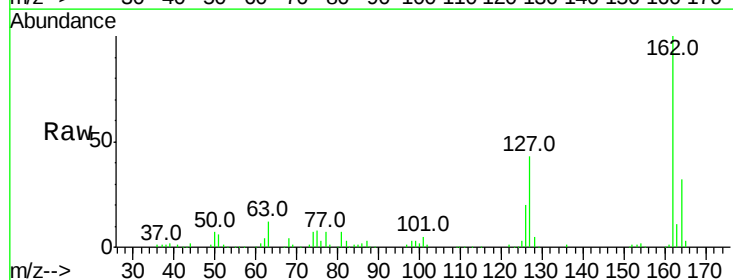
Manual Integrations
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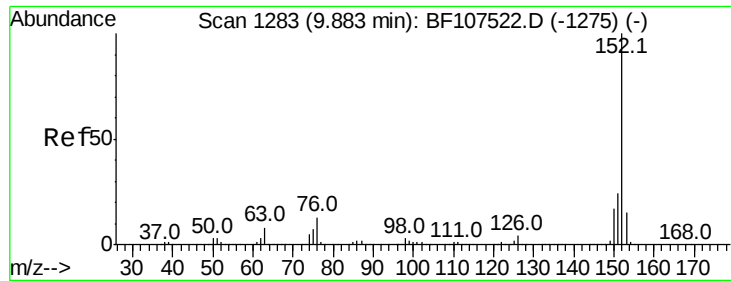
Sohil
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#46
 2-Chloronaphthalene
 Concen: 2.841 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Tgt Ion:	162	Resp:	124162
Ion Ratio	Lower	Upper	
162	100		
127	42.6	33.9	50.9
164	31.7	26.5	39.7





#48

Acenaphthylene

Concen: 3.173 ng

RT: 9.88 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

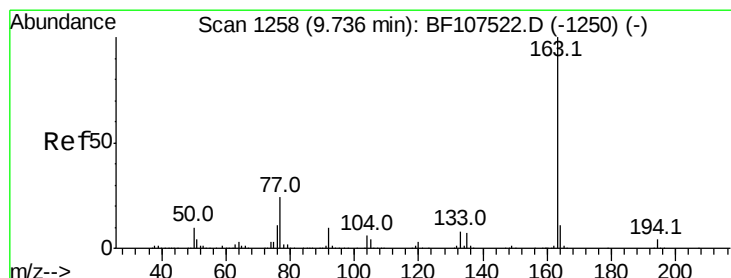
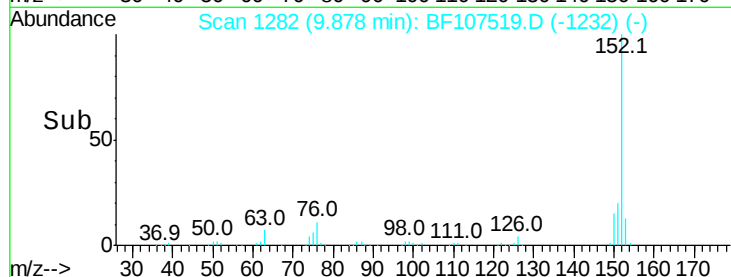
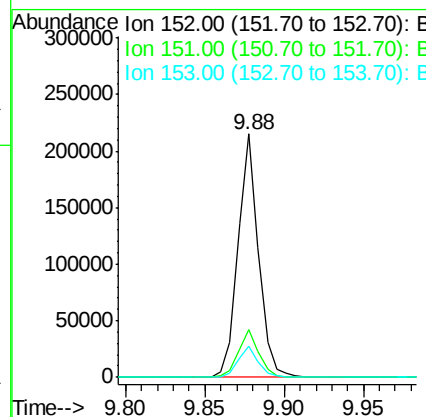
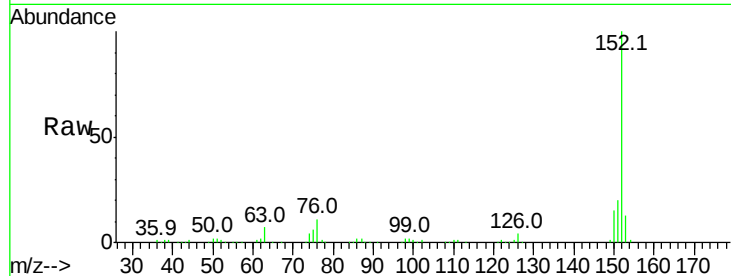
ClientSampleId :

SSTDICC2.5

Tot Ion:	152	Resp:	193535
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.3	24.5
153	13.0	10.7	16.1

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#49

Dimethylphthalate

Concen: 2.675 ng

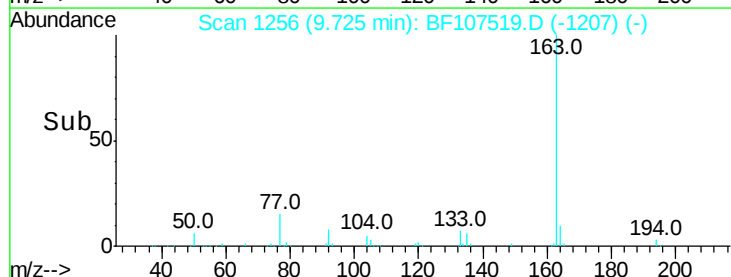
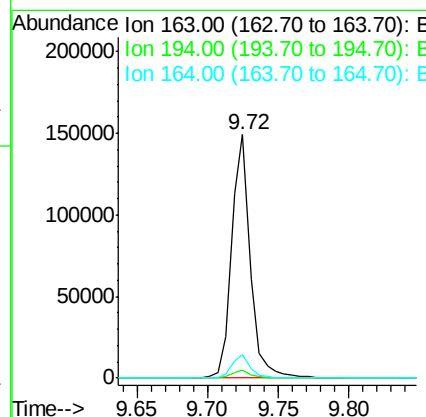
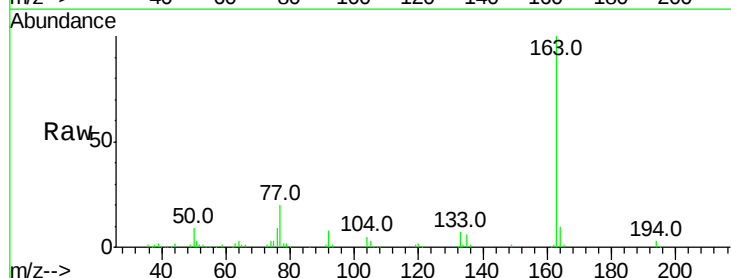
RT: 9.72 min Scan# 1256

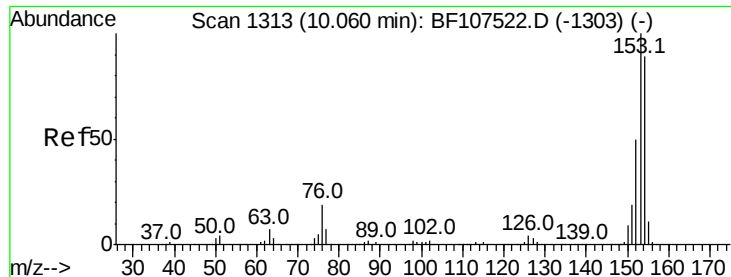
Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion:	163	Resp:	136020
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.7	8.2	12.2





#51

Acenaphthene

Concen: 2.963 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

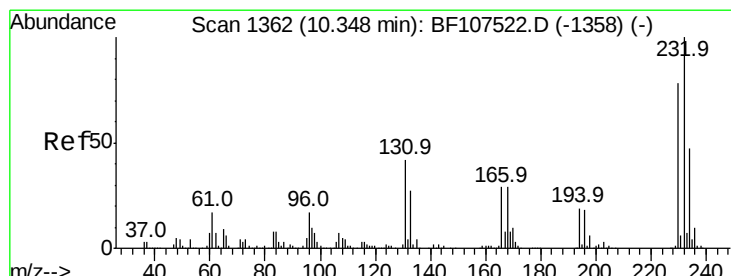
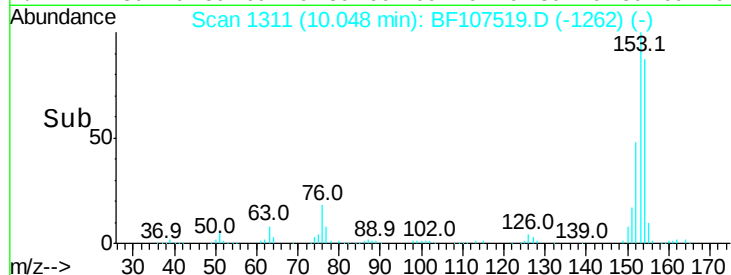
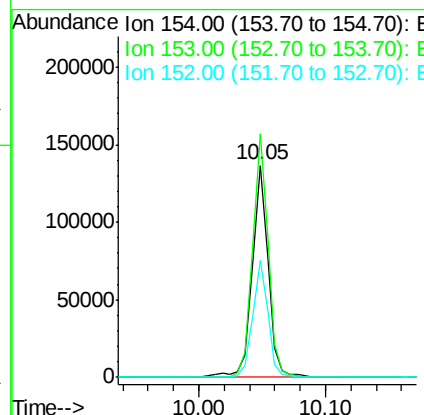
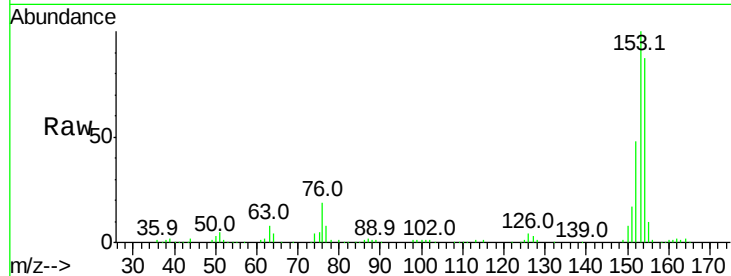
ClientSampleId :

SSTDICC2.5

Tot Ion:	154	Resp:	119802
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.2	136.8
152	54.9	43.8	65.8

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 1.844 ng

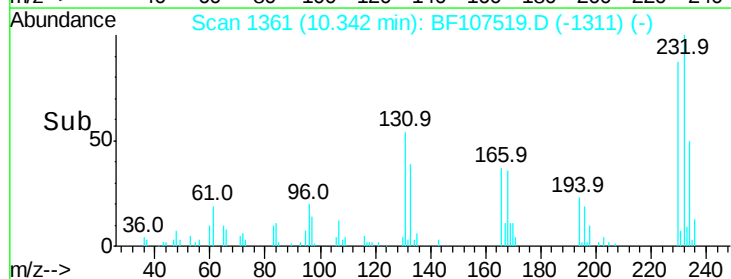
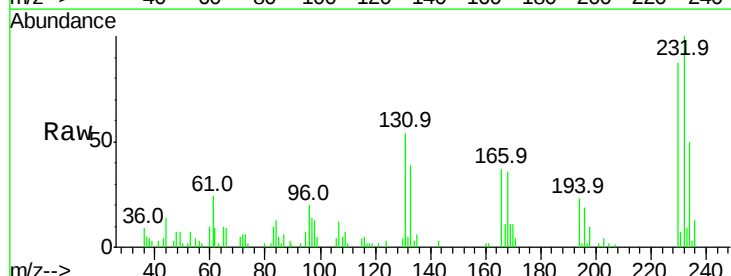
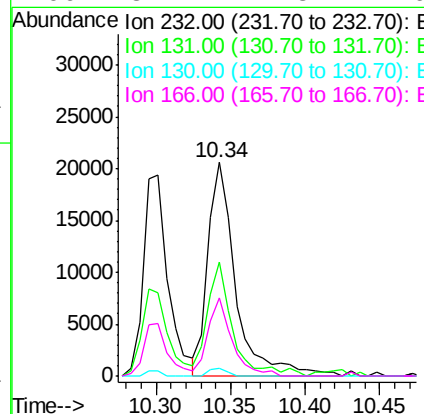
RT: 10.34 min Scan# 1361

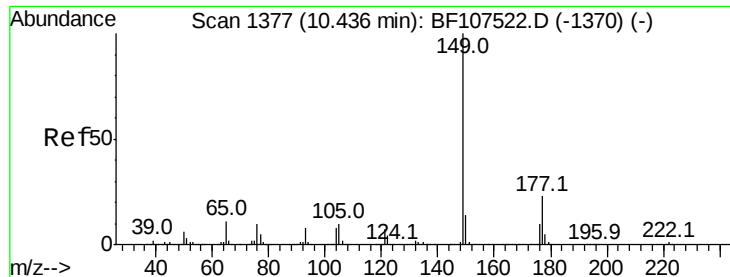
Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Tgt Ion:	232	Resp:	26560
Ion Ratio	Lower	Upper	
232	100		
131	48.0	43.8	65.8
130	2.2	2.1	3.1
166	31.4	27.8	41.6





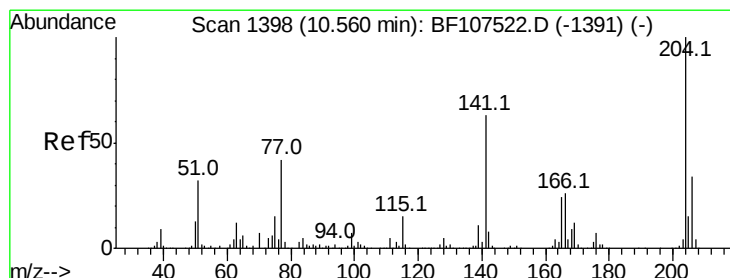
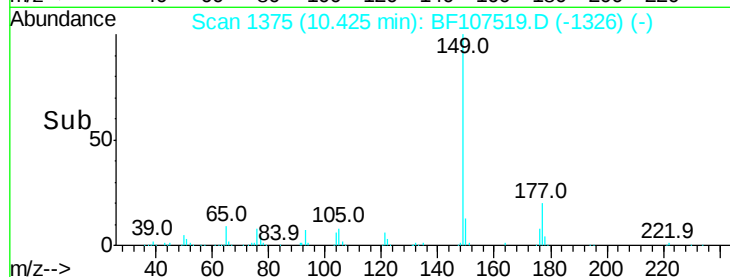
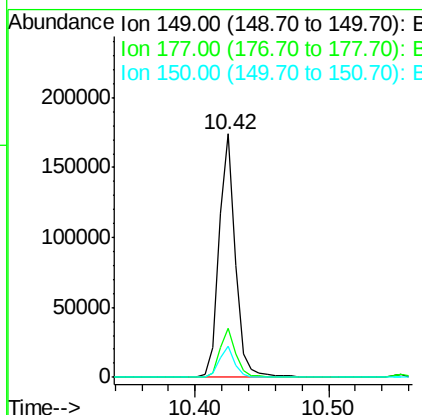
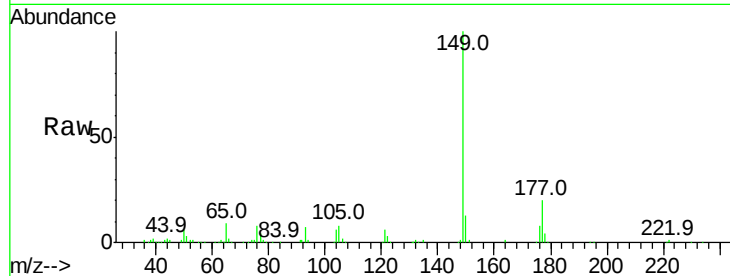
#59
Diethylphthalate
Concen: 3.056 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:	149	Resp:	150983
Ion Ratio	Lower	Upper	
149	100		
177	20.1	16.1	24.1
150	12.8	10.1	15.1

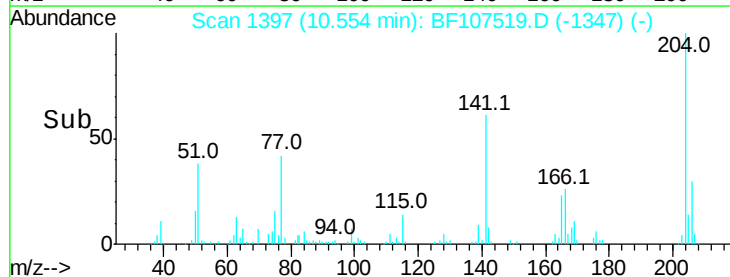
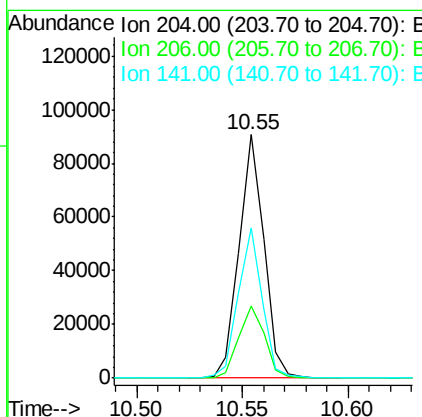
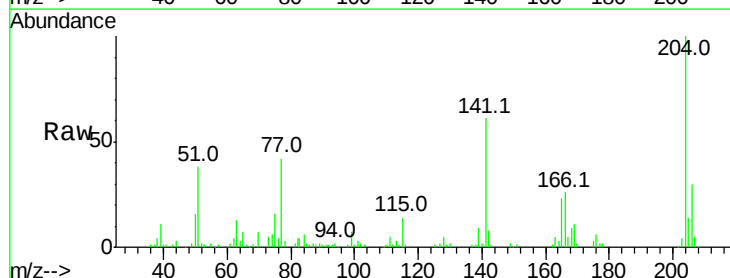
Manual Integrations
APPROVED

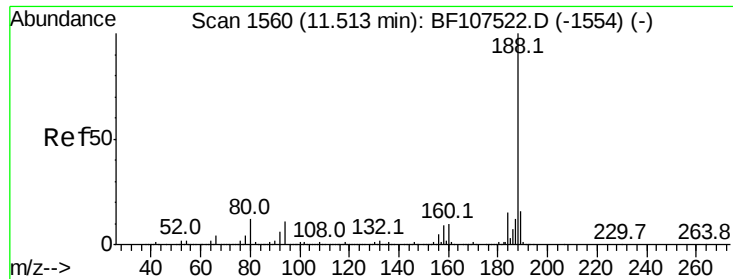
Sohil
7/23/2018 12:44:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 3.001 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion:	204	Resp:	73964
Ion Ratio	Lower	Upper	
204	100		
206	29.8	26.5	39.7
141	61.5	54.6	81.8





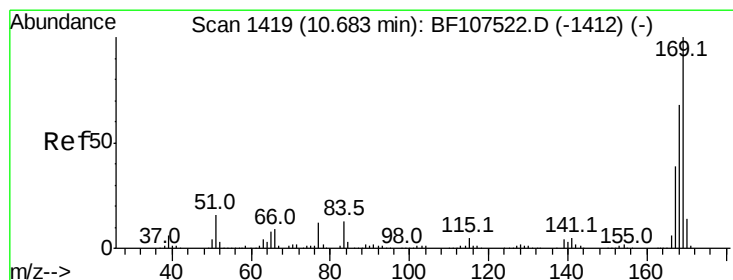
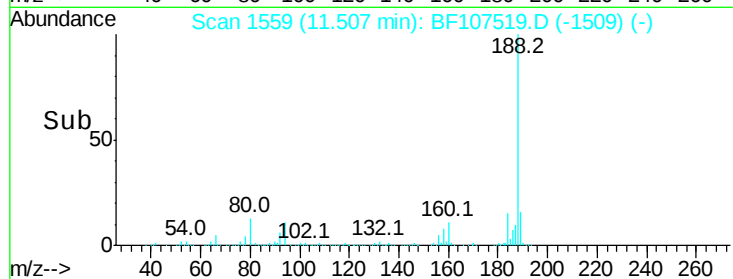
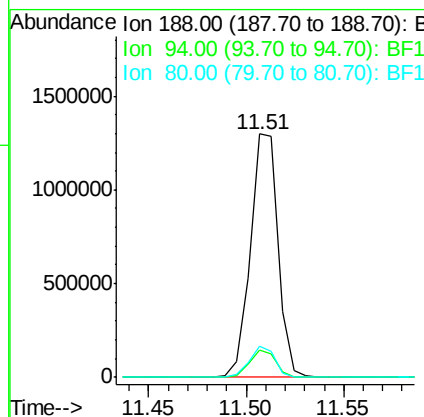
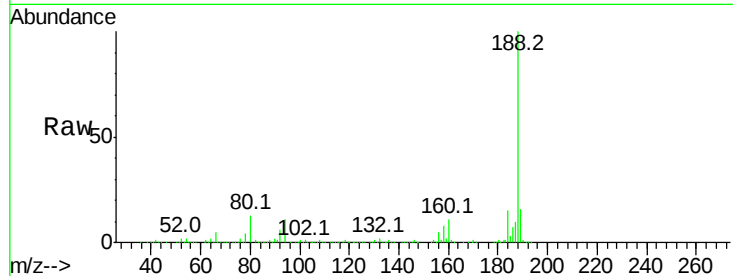
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.6	9.2	13.8

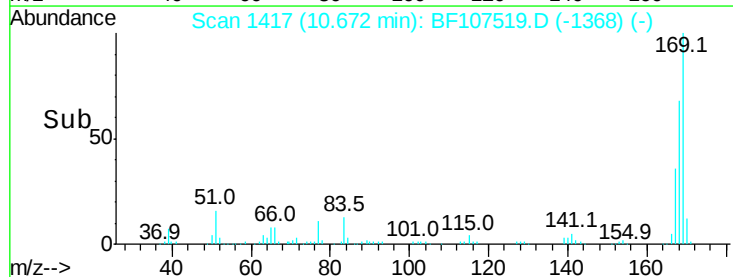
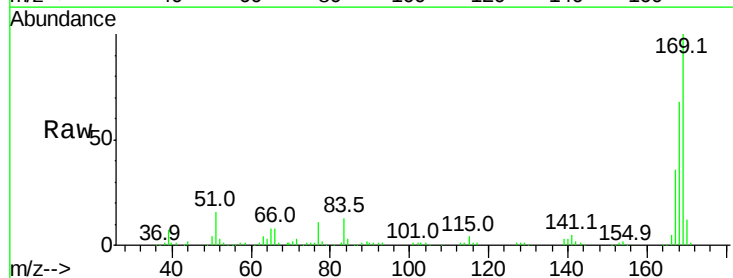
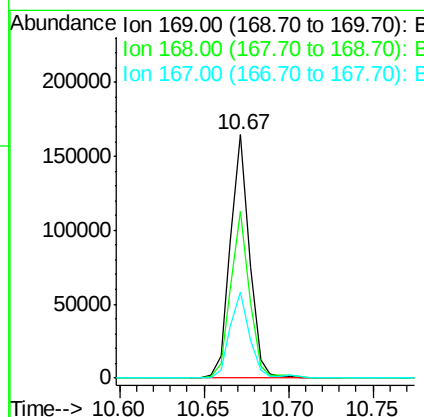
Manual Integrations
APPROVED

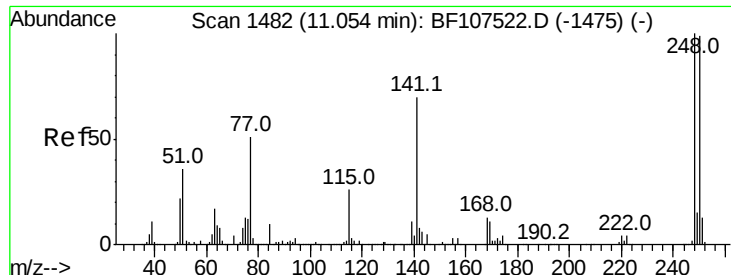
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 3.227 ng
RT: 10.67 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.4	81.6
167	35.5	29.8	44.6





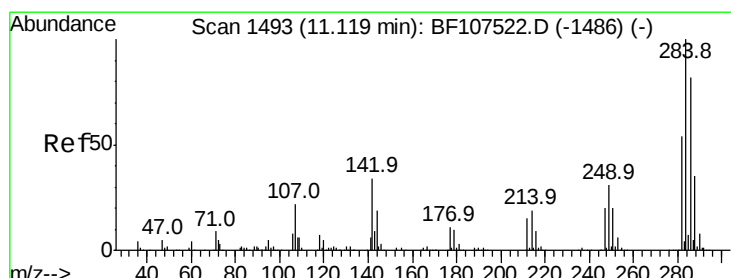
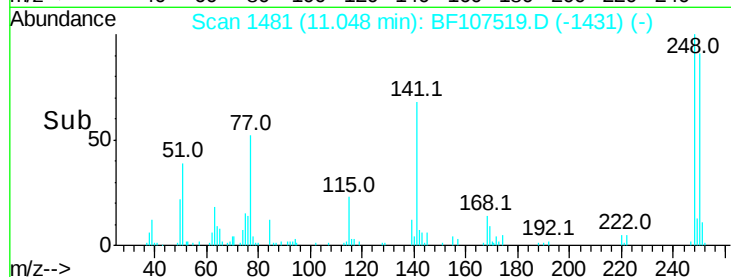
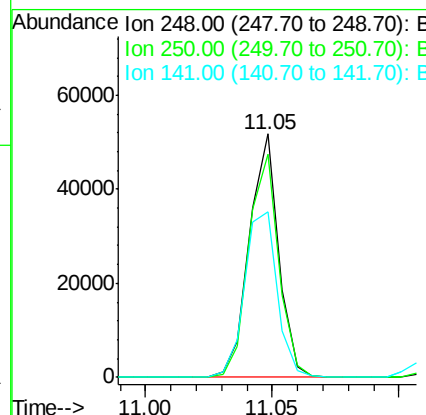
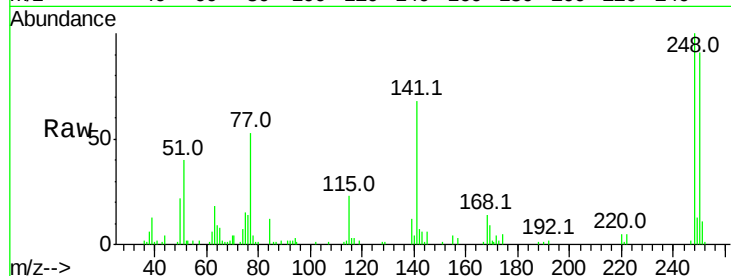
#66
4-Bromophenyl-phenylether
Concen: 2.863 ng
RT: 11.05 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion:248 Resp: 41679
Ion Ratio Lower Upper
248 100
250 91.5 76.9 115.3
141 68.2 74.4 111.6#

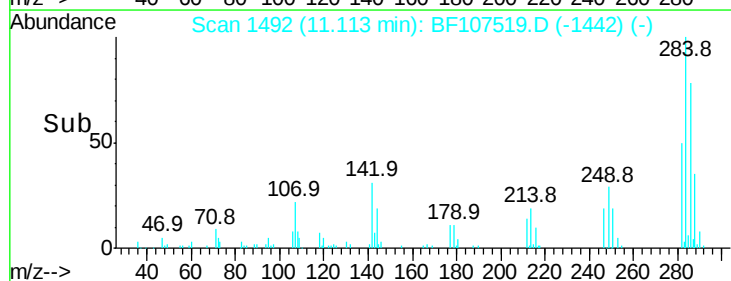
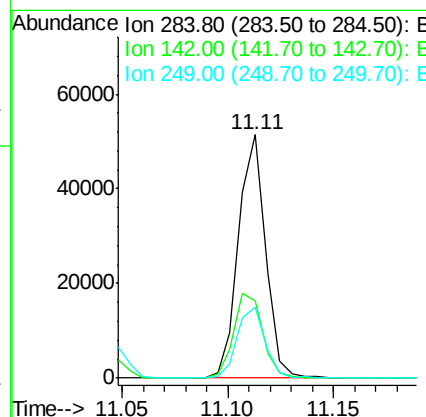
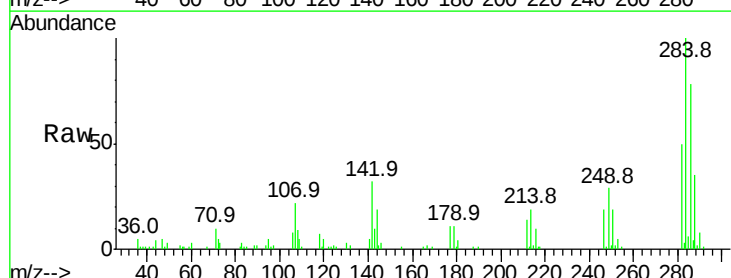
Manual Integrations
APPROVED

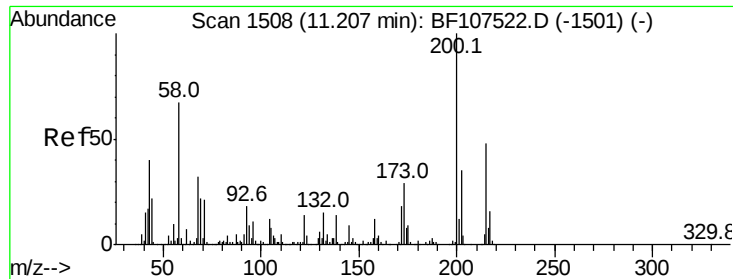
Sohil
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#67
Hexachlorobenzene
Concen: 3.376 ng
RT: 11.11 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion:284 Resp: 45498
Ion Ratio Lower Upper
284 100
142 31.9 34.6 52.0#
249 29.2 24.8 37.2





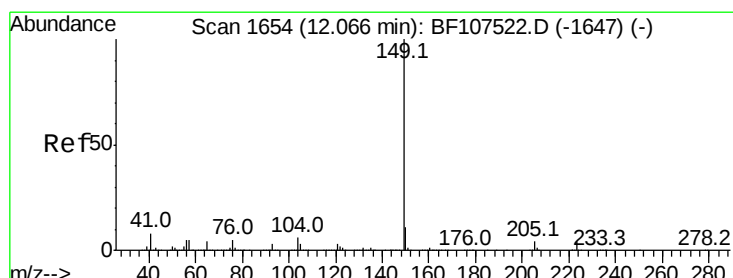
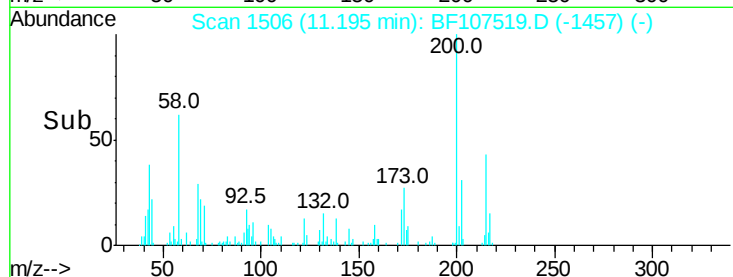
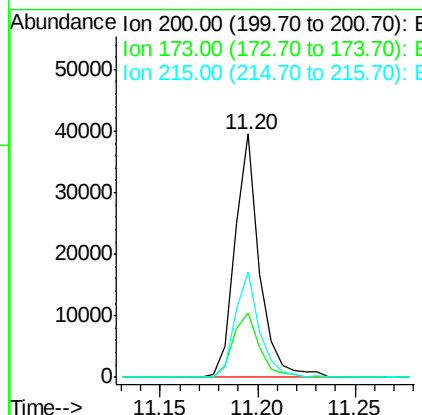
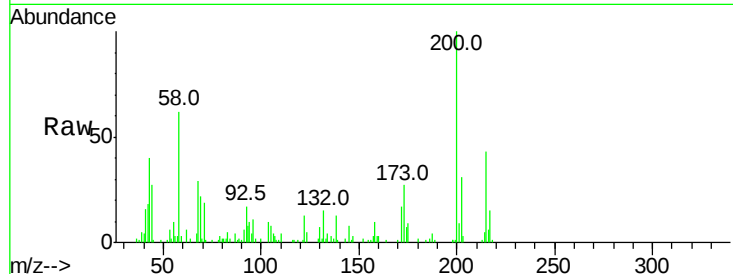
#68
Atrazine
Concen: 2.257 ng
RT: 11.20 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
200	100	34270		
173	26.7	8.6	48.6	
215	43.2	25.1	65.1	

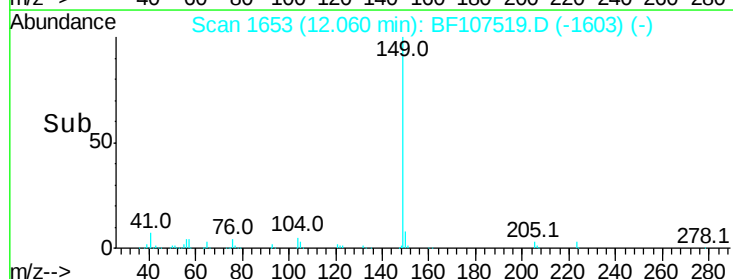
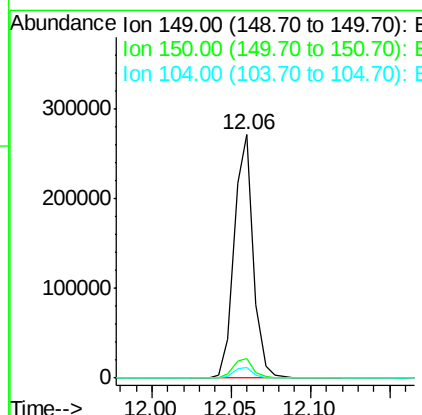
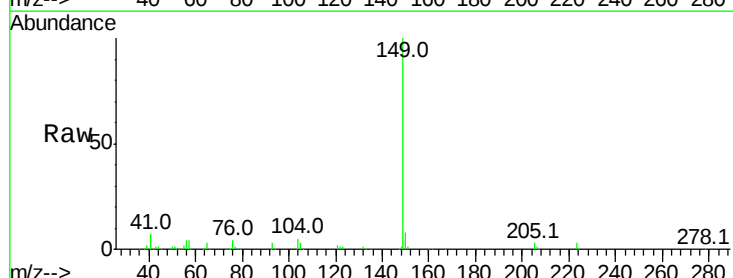
Manual Integrations
APPROVED

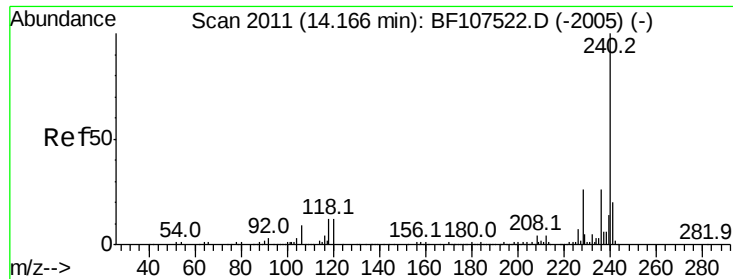
Sohil
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#73
Di-n-butylphthalate
Concen: 3.278 ng
RT: 12.06 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	225293		
150	8.0	7.8	11.6	
104	4.6	3.8	5.8	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tot Ion:240 Resp: 1101054

Ion Ratio Lower Upper

240 100

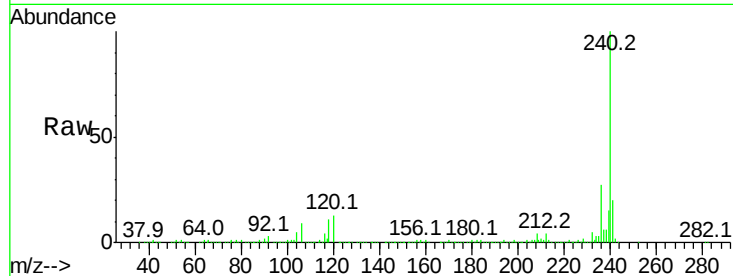
120 12.9 9.5 14.3

236 26.9 20.7 31.1

Manual Integrations
APPROVED

Sohil

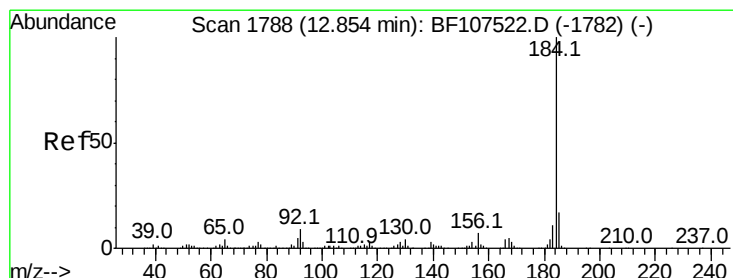
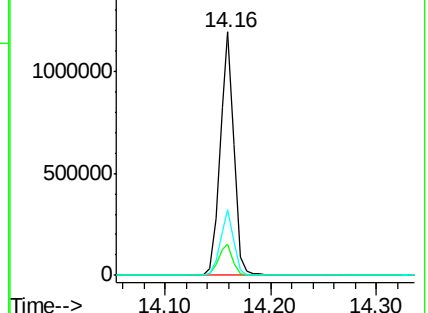
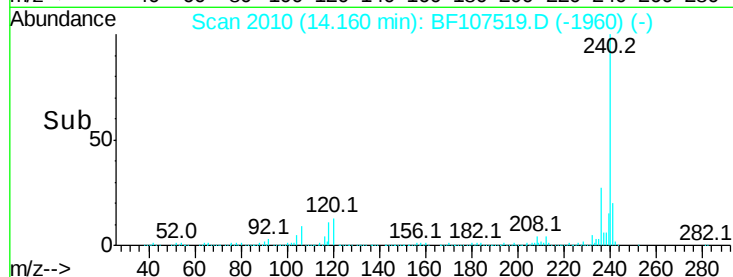
7/23/2018 12:44:13 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.924 ng m

RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

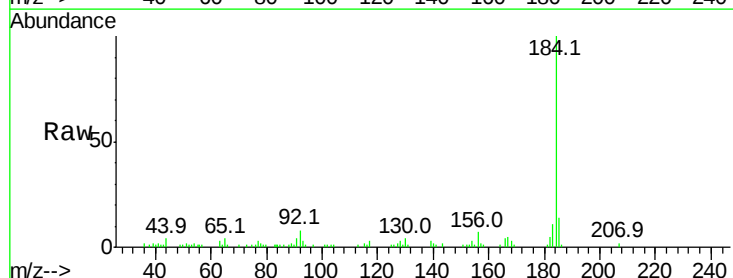
Tgt Ion:184 Resp: 82226

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

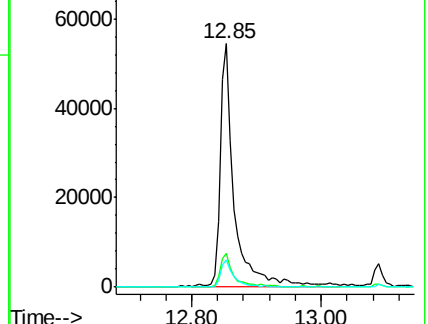
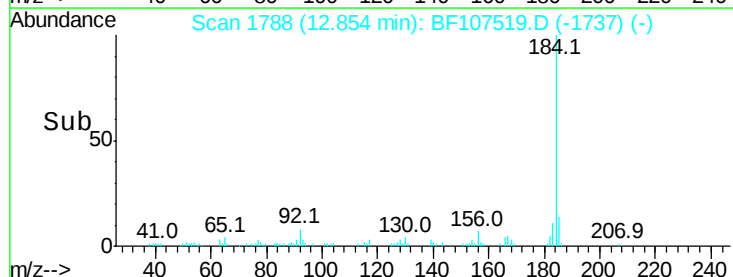
183 11.4 9.3 13.9

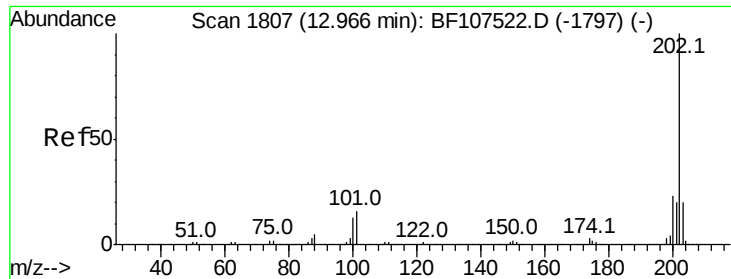


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





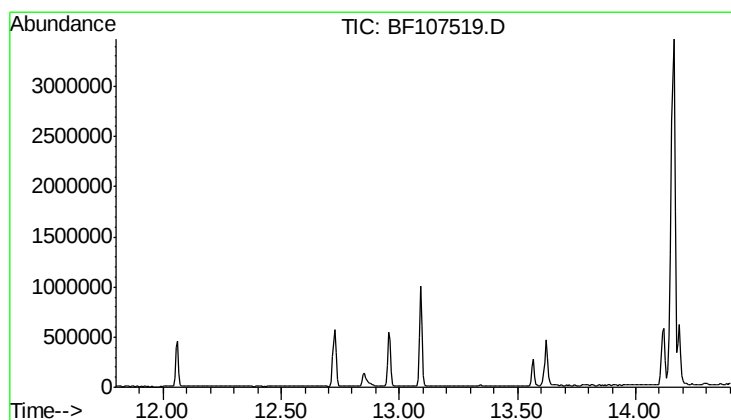
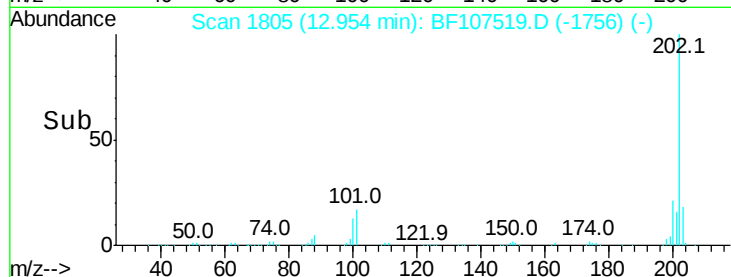
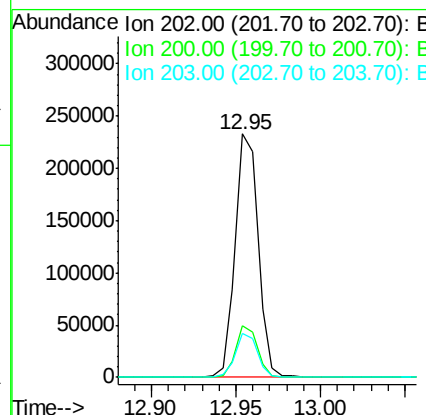
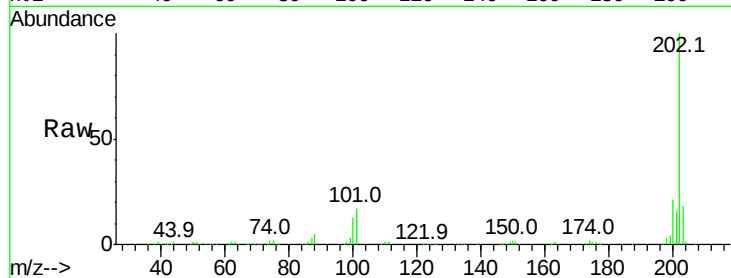
#77
Pvrene
Concen: 2.925 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ion	Ratio	Resp Lower	Upper
202	100			
200	21.3	17.4	26.2	
203	18.1	14.3	21.5	

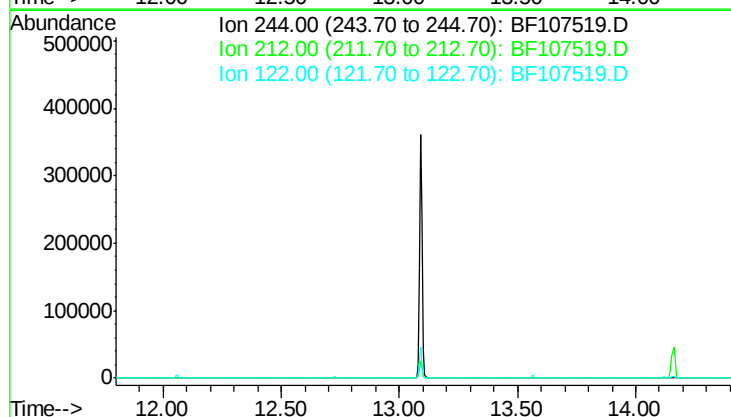
Manual Integrations
APPROVED

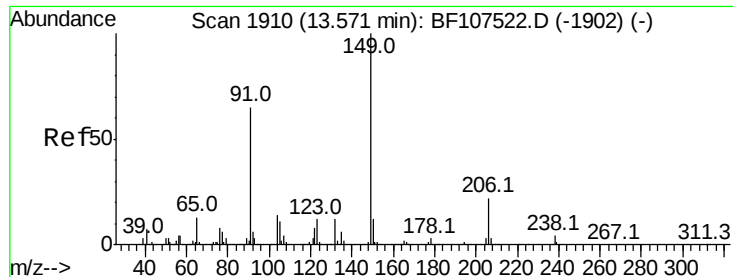
Sohil
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#78
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.10 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Sig	Exp Ratio
244	100	
212	6.7	
122	13.7	





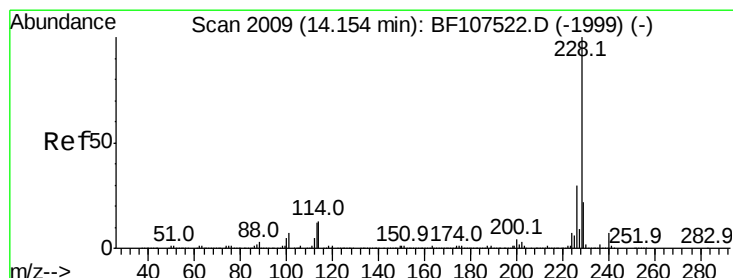
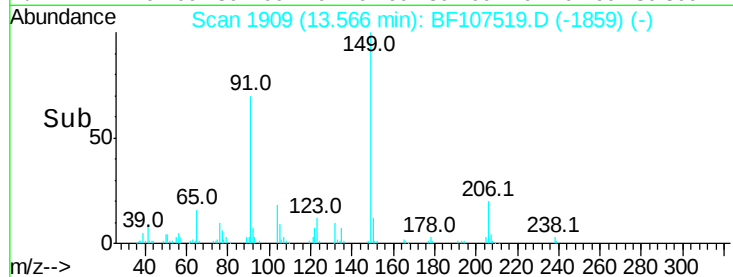
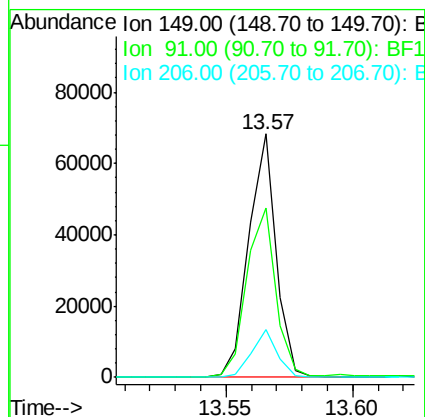
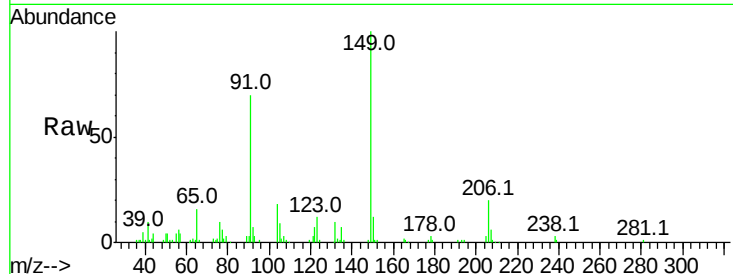
#79
Butylbenzylphthalate
Concen: 1.886 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.8	85.2
206	19.5	14.1	21.1

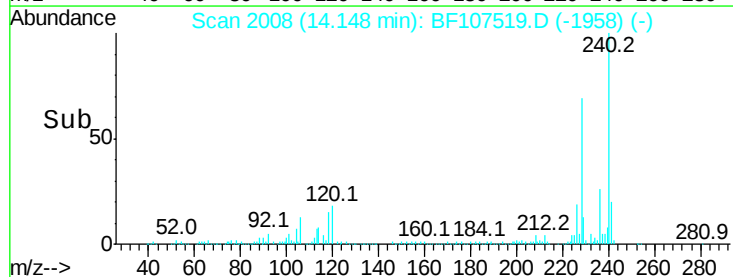
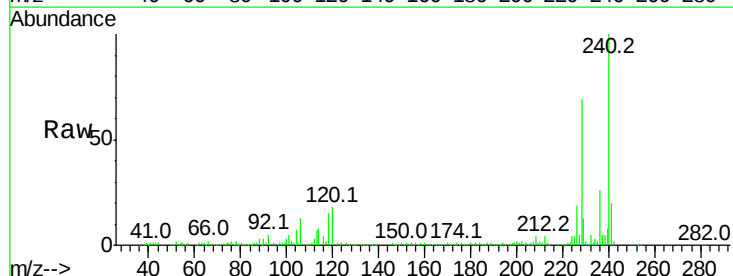
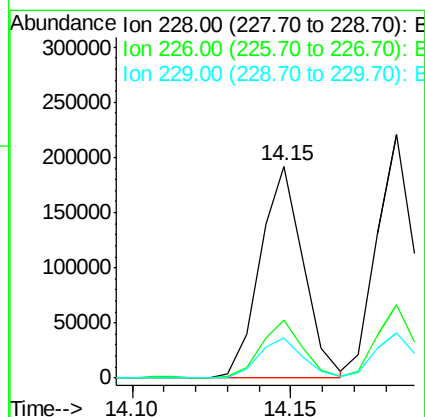
Manual Integrations
APPROVED

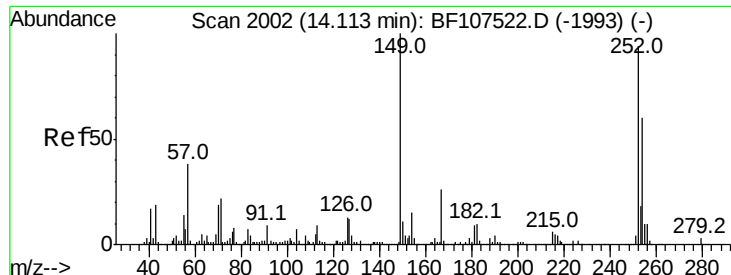
Sohil
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#80
Benzo(a)anthracene
Concen: 2.698 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	18.8	15.8	23.6





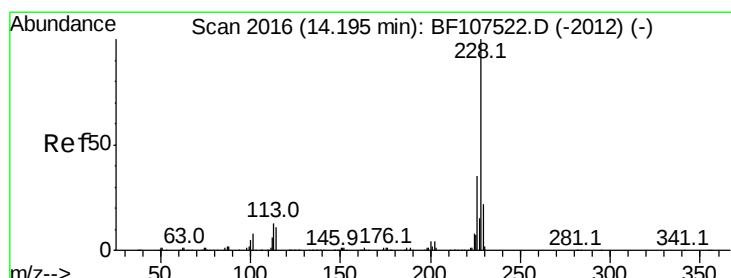
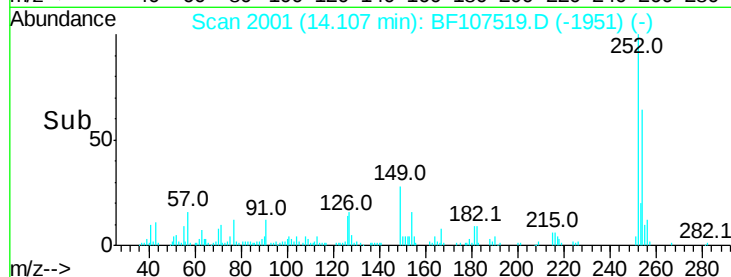
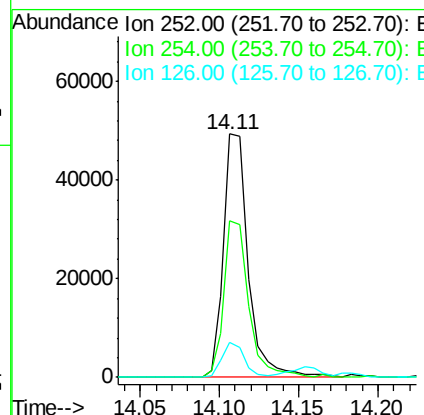
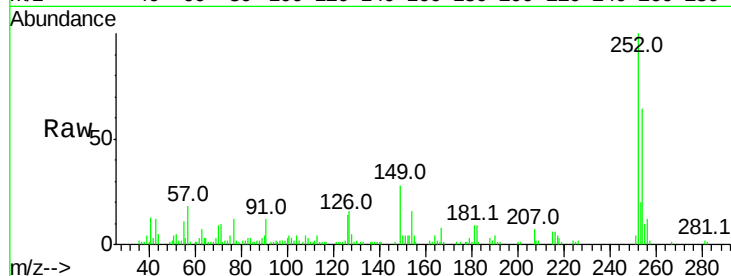
#81
 3,3'-Dichlorobenzidine
 Concen: 2.373 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	14.2	11.3	16.9

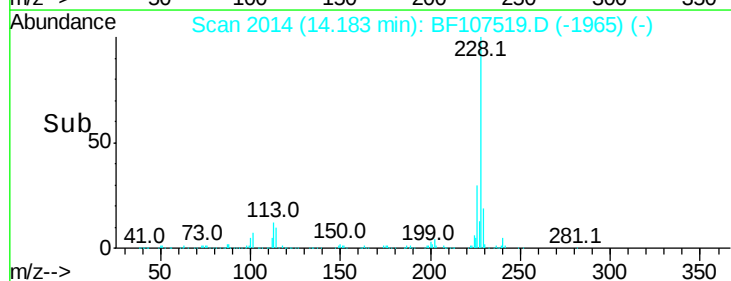
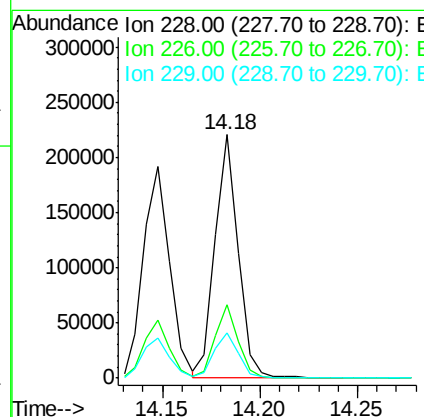
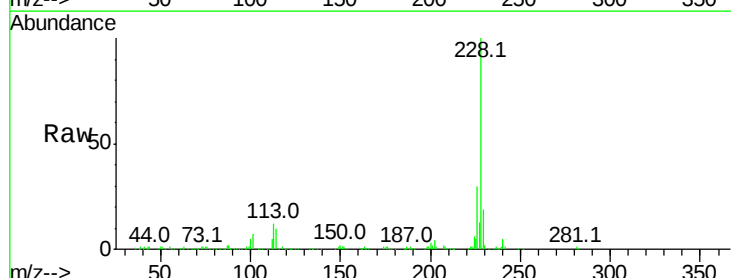
Manual Integrations
 APPROVED

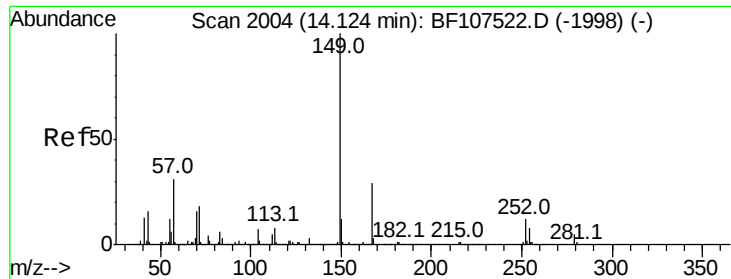
Sohil
 7/23/2018 12:44:13 PM



#82
 Chrysene
 Concen: 2.813 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	18.7	16.2	24.4





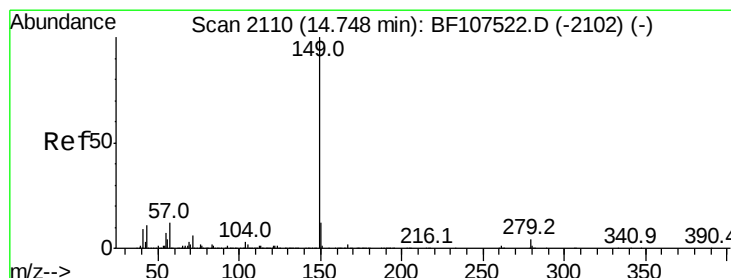
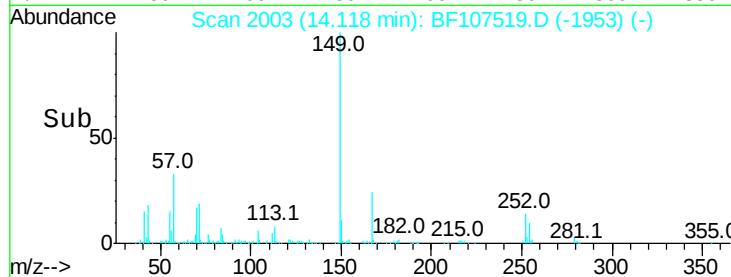
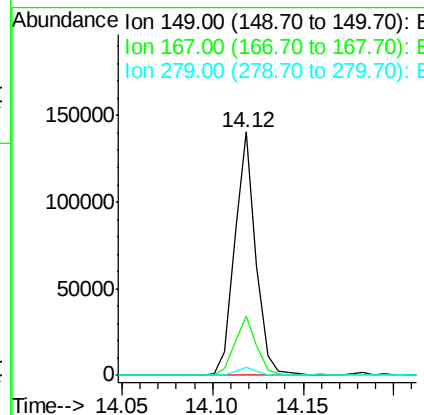
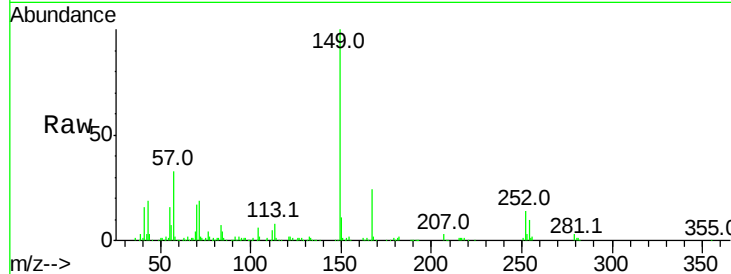
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.918 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
149	100	114039		
167	24.1	21.3	31.9	
279	3.1	3.0	4.4	

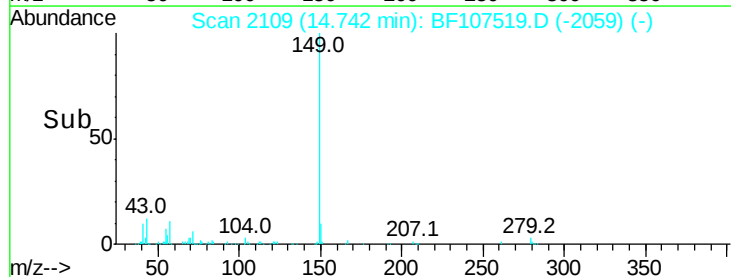
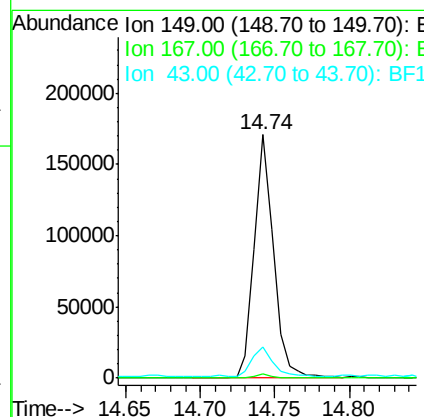
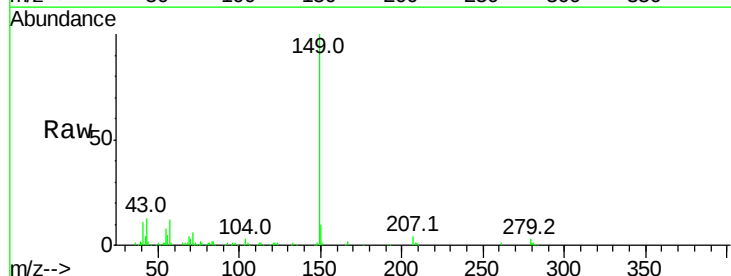
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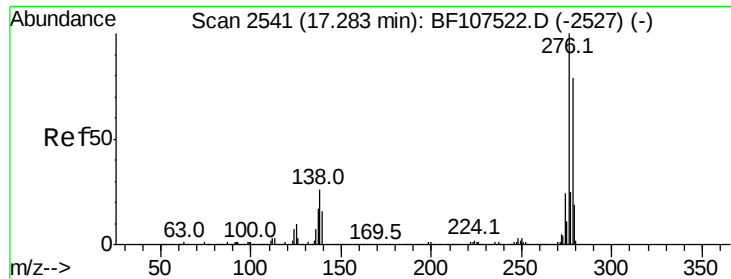
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#84
 Di-n-octyl phthalate
 Concen: 2.518 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	152966		
167	1.5	1.2	1.8	
43	13.9	8.4	12.6	





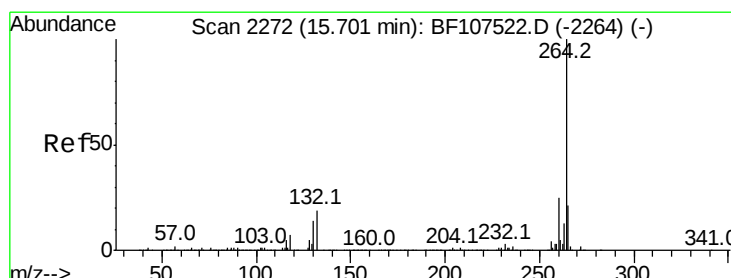
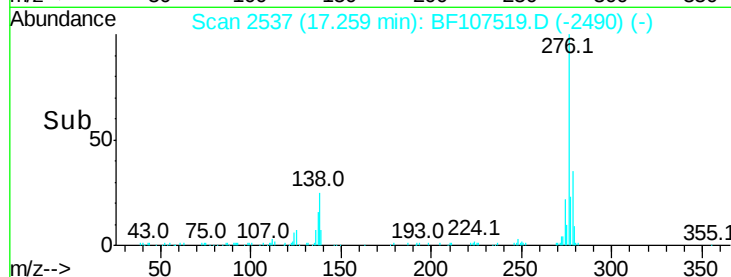
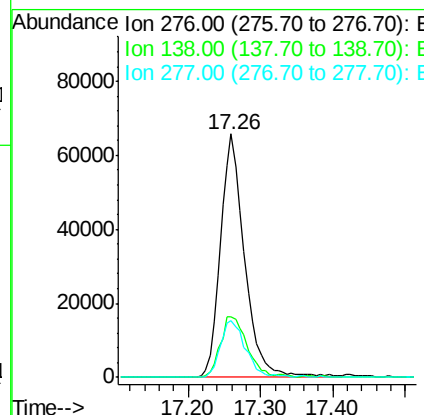
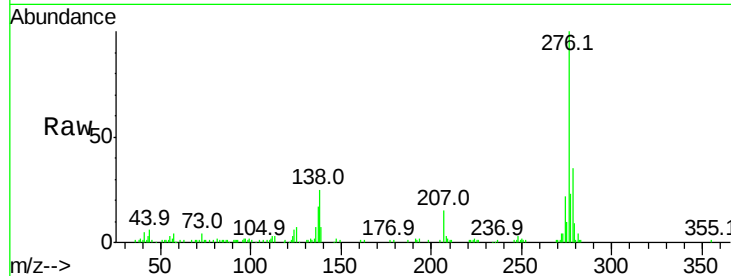
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.322 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	24.1	20.1	30.1

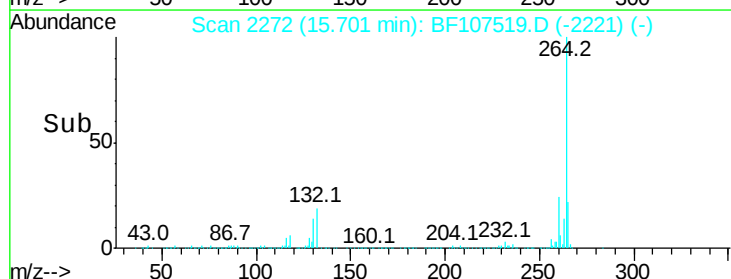
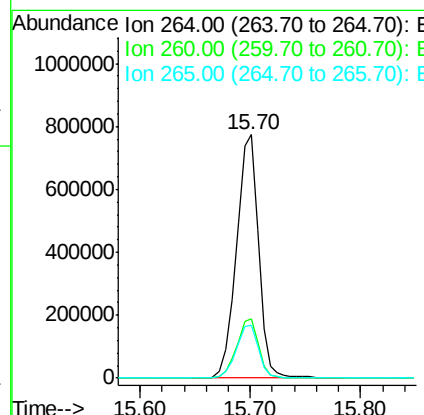
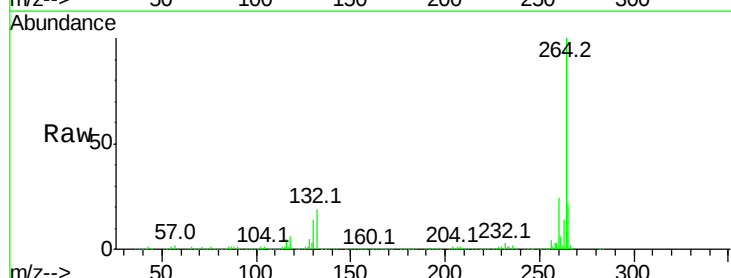
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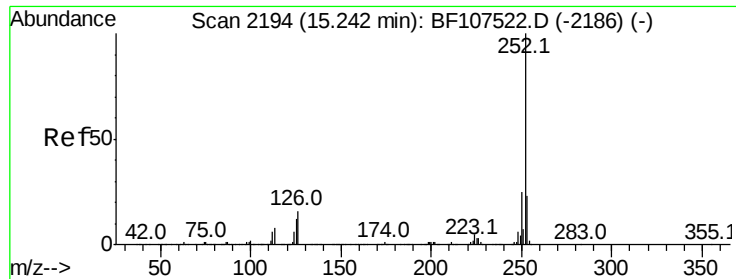
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF107519.D
 Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3





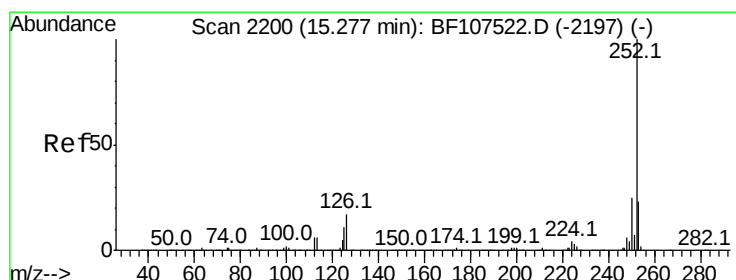
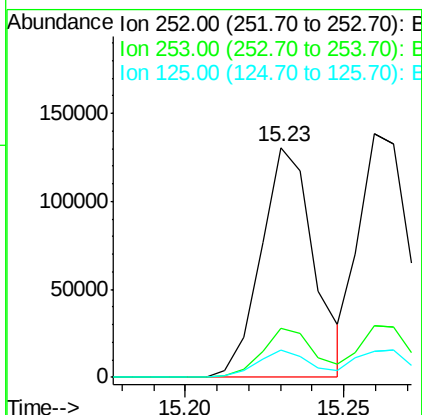
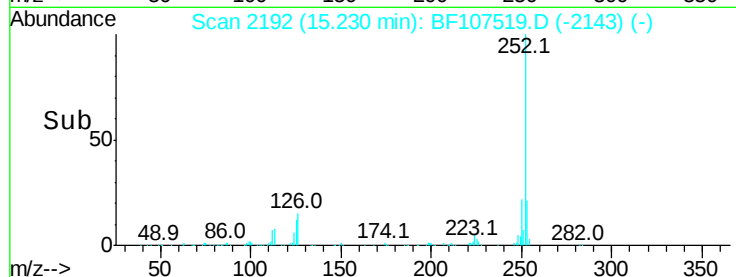
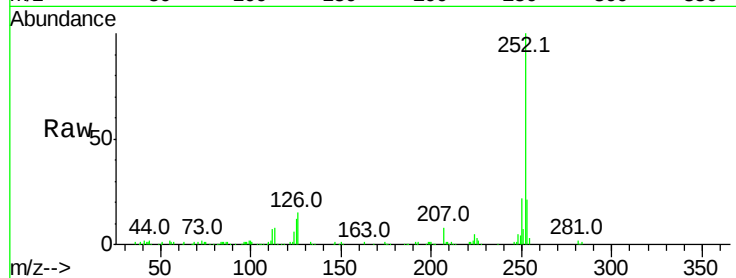
#87
Benzo(b)fluoranthene
Concen: 2.382 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	11.7	9.0	13.6

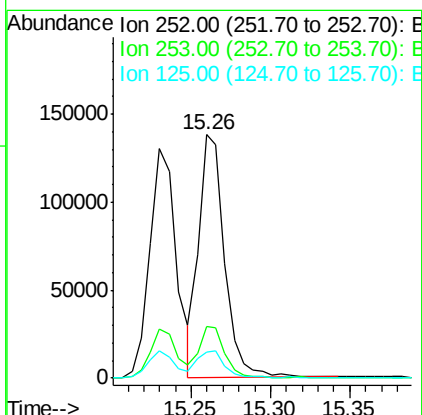
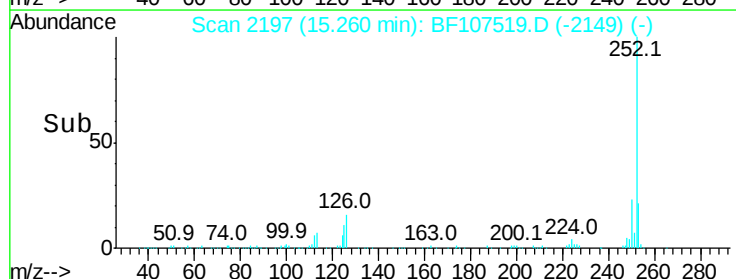
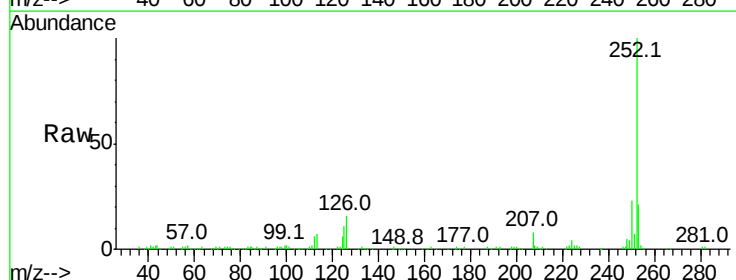
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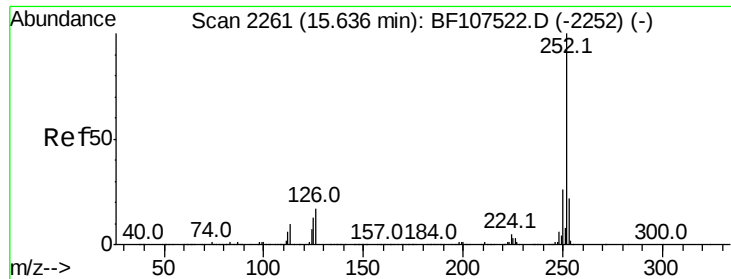
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#88
Benzo(k)fluoranthene
Concen: 2.528 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	10.6	10.2	15.2





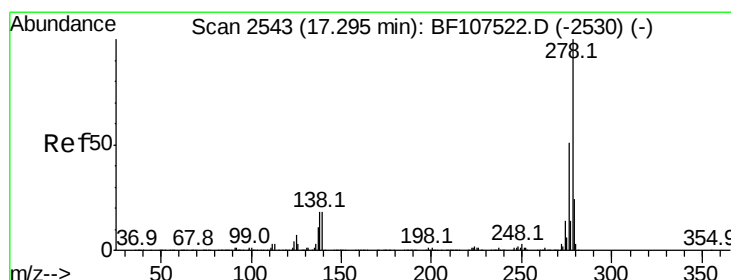
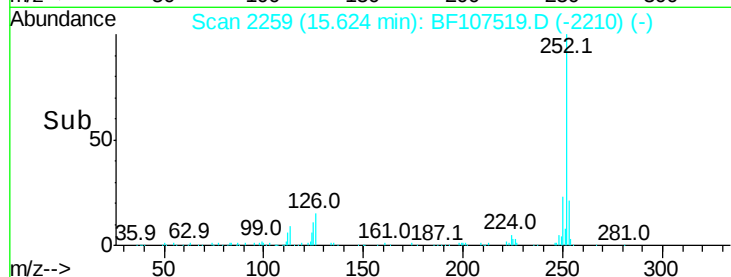
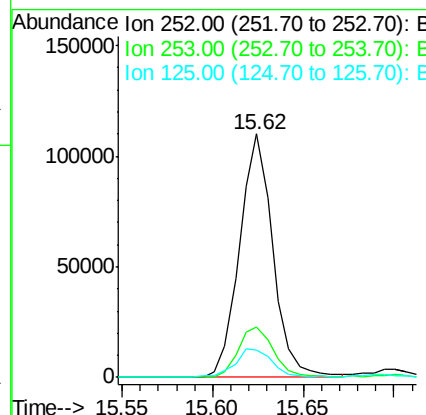
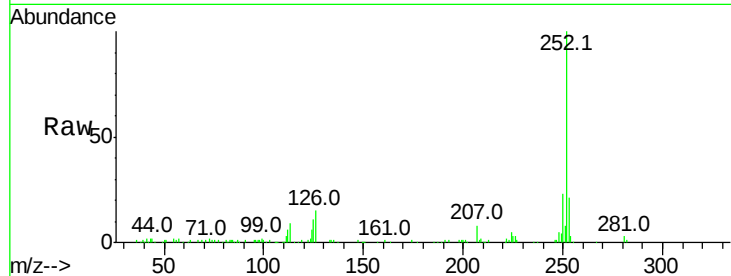
#89
Benzo(a)pyrene
Concen: 2.398 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	11.3	9.8	14.6

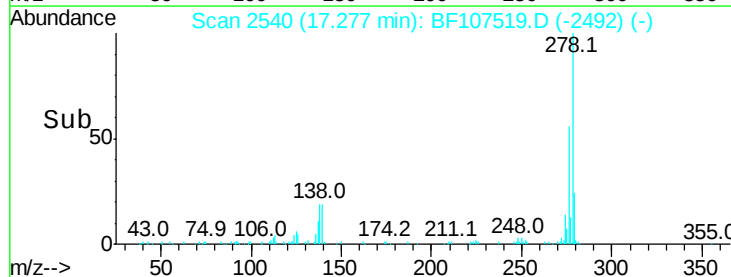
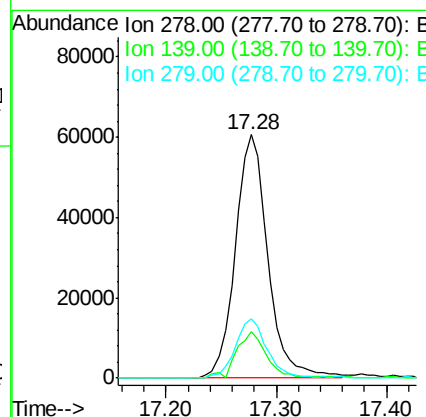
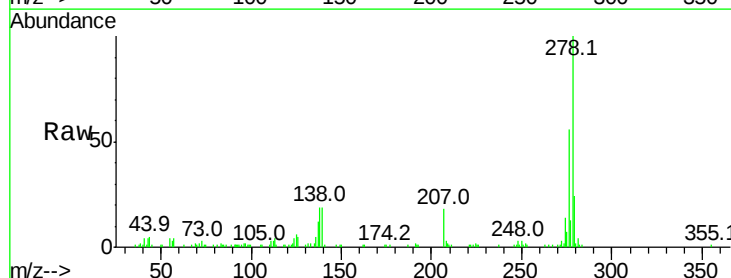
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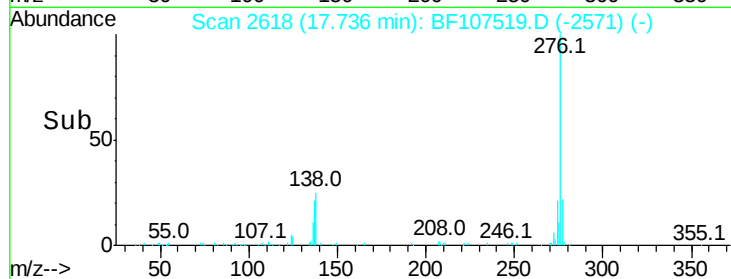
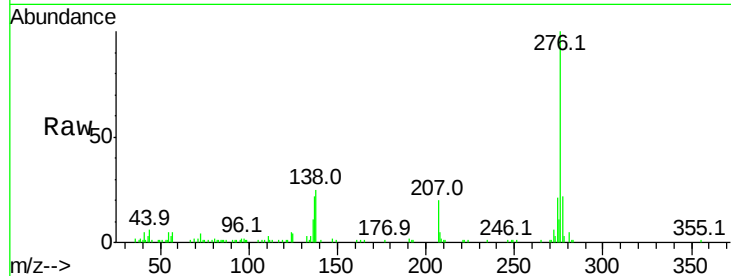
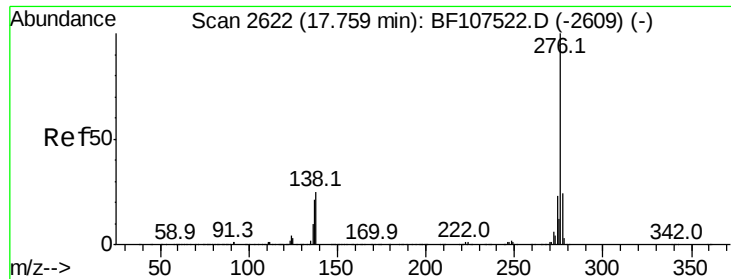
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#90
Dibenzo(a,h)anthracene
Concen: 2.831 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107519.D
Acq: 20 Jul 2018 12:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.9	23.9
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 2.669 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BF107519.D

Acq: 20 Jul 2018 12:51

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tot Ion:276	Resp:	120119
Ion Ratio	Lower	Upper
276 100		
277 22.3	17.9	26.9
138 24.6	21.8	32.8

Manual Integrations
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