

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106915.D
 Acq On : 28 Jun 2018 12:50
 Operator : JU/SJ
 Sample : PB110625BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

Manual Integrations
 APPROVED

Sohil
 6/29/2018 2:30:35 PM

Quant Time: Jun 28 16:14:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73511	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	281047	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	150529	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	314105	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	240343	20.00	ng	-0.01
86) Perylene-d12	15.69	264	202141	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	523160	120.51	ng	0.00
7) Phenol-d6	6.60	99	667731	123.17	ng	-0.01
23) Nitrobenzene-d5	7.52	82	426940	84.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	253503	145.30	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	830984	95.21	ng	-0.01
78) Terphenyl-d14	13.08	244	1039169	104.73	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.88	88	69996	31.362 ng	98
3) Pyridine	3.65	79	210226	34.731 ng	96
4) n-Nitrosodimethylamine	3.62	42	85620	33.304 ng	87
6) Aniline	6.62	93	105575	14.356 ng	97
8) 2-Chlorophenol	6.75	128	196705	41.311 ng	98
9) Benzaldehyde	6.51	77	110745	27.579 ng	98
10) Phenol	6.61	94	233003	37.660 ng	91
11) bis(2-Chloroethyl)ether	6.69	93	191274	37.448 ng	99
12) 1,3-Dichlorobenzene	6.90	146	228798	41.026 ng	98
13) 1,4-Dichlorobenzene	6.97	146	229550	40.714 ng	98
14) 1,2-Dichlorobenzene	7.12	146	214431	41.499 ng	97
15) Benzyl Alcohol	7.10	79	171292	39.349 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	270993	40.437 ng	80
17) 2-Methylphenol	7.21	107	170715	41.895 ng	# 93
18) Hexachloroethane	7.46	117	79849	40.272 ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	133396	37.328 ng	94
20) 3+4-Methylphenols	7.37	107	211230	49.356 ng	# 62
22) Acetophenone	7.36	105	270168	42.968 ng	# 97
24) Nitrobenzene	7.54	77	212733	41.202 ng	97
25) Isophorone	7.78	82	385234	43.229 ng	99
26) 2-Nitrophenol	7.85	139	112615	46.203 ng	98
27) 2,4-Dimethylphenol	7.89	122	183146	48.614 ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	245227	40.984 ng	98
29) 2,4-Dichlorophenol	8.10	162	185268	46.973 ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	202903	46.698 ng	98
31) Naphthalene	8.26	128	580940	44.212 ng	99
32) Benzoic acid	8.01	122	69590	28.094 ng	99
33) 4-Chloroaniline	8.31	127	37327	6.770 ng	98
34) Hexachlorobutadiene	8.37	225	132727	46.881 ng	99
35) Caprolactam	8.69	113	63737m	49.574 ng	
36) 4-Chloro-3-methylphenol	8.80	107	193318	46.566 ng	98
37) 2-Methylnaphthalene	8.95	142	428145	49.159 ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	228699	45.114 ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	178356	68.384 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	135701	40.271	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	138574m	39.411	nq	
45) 1,1'-Biphenyl	9.41	154	524913	43.756	nq	99
46) 2-Chloronaphthalene	9.44	162	387268	41.011	nq	96
47) 2-Nitroaniline	9.54	65	118642	37.363	nq	94
48) Acenaphthylene	9.86	152	613569	41.156	nq	98
49) Dimethylphthalate	9.71	163	462618	40.976	nq	98
50) 2,6-Dinitrotoluene	9.78	165	109550	45.824	nq	88
51) Acenaphthene	10.03	154	373099	39.742	nq	97
52) 3-Nitroaniline	9.95	138	27751	10.088	nq	95
53) 2,4-Dinitrophenol	10.07	184	83271	67.864	nq	# 15
54) Dibenzofuran	10.21	168	575779	44.790	nq	96
55) 4-Nitrophenol	10.14	139	112992	58.842	nq	97
56) 2,4-Dinitrotoluene	10.20	165	144539	46.319	nq	# 84
57) Fluorene	10.55	166	454165	44.522	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	125912	45.048	nq	# 79
59) Diethylphthalate	10.41	149	442258	40.587	nq	# 94
60) 4-Chlorophenyl-phenylether	10.54	204	238906	44.761	nq	# 85
61) 4-Nitroaniline	10.58	138	105748	38.732	nq	97
62) Azobenzene	10.70	77	418204	38.974	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	75601	38.937	nq	# 65
65) n-Nitrosodiphenylamine	10.66	169	398568	37.725	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	165762	44.219	nq	# 82
67) Hexachlorobenzene	11.10	284	177878	45.337	nq	# 86
68) Atrazine	11.18	200	150520	44.816	nq	95
69) Pentachlorophenol	11.30	266	114011	58.238	nq	98
70) Phenanthrene	11.52	178	670764	44.275	nq	99
71) Anthracene	11.57	178	702459	45.427	nq	100
72) Carbazole	11.72	167	617792	42.672	nq	98
73) Di-n-butylphthalate	12.04	149	680260	39.884	nq	100
74) Fluoranthene	12.71	202	747035	44.737	nq	95
76) Benzidine	12.83	184	227222	33.196	nq	96
77) Pyrene	12.94	202	754160	47.584	nq	100
79) Butylbenzylphthalate	13.54	149	273842	42.024	nq	# 97
80) Benzo(a)anthracene	14.14	228	653324	44.601	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	74557	14.482	nq	# 95
82) Chrysene	14.18	228	594039	44.080	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	347307	41.689	nq	# 96
84) Di-n-octyl phthalate	14.74	149	497099	36.606	nq	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	608963	53.248	nq	# 89
87) Benzo(b)fluoranthene	15.24	252	517970	41.250	nq	# 96
88) Benzo(k)fluoranthene	15.27	252	511965	42.814	nq	# 96
89) Benzo(a)pyrene	15.64	252	502412	45.008	nq	# 95
90) Dibenzo(a,h)anthracene	17.29	278	502020	53.066	nq	# 92
91) Benzo(g,h,i)perylene	17.77	276	531842	57.517	nq	# 89

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

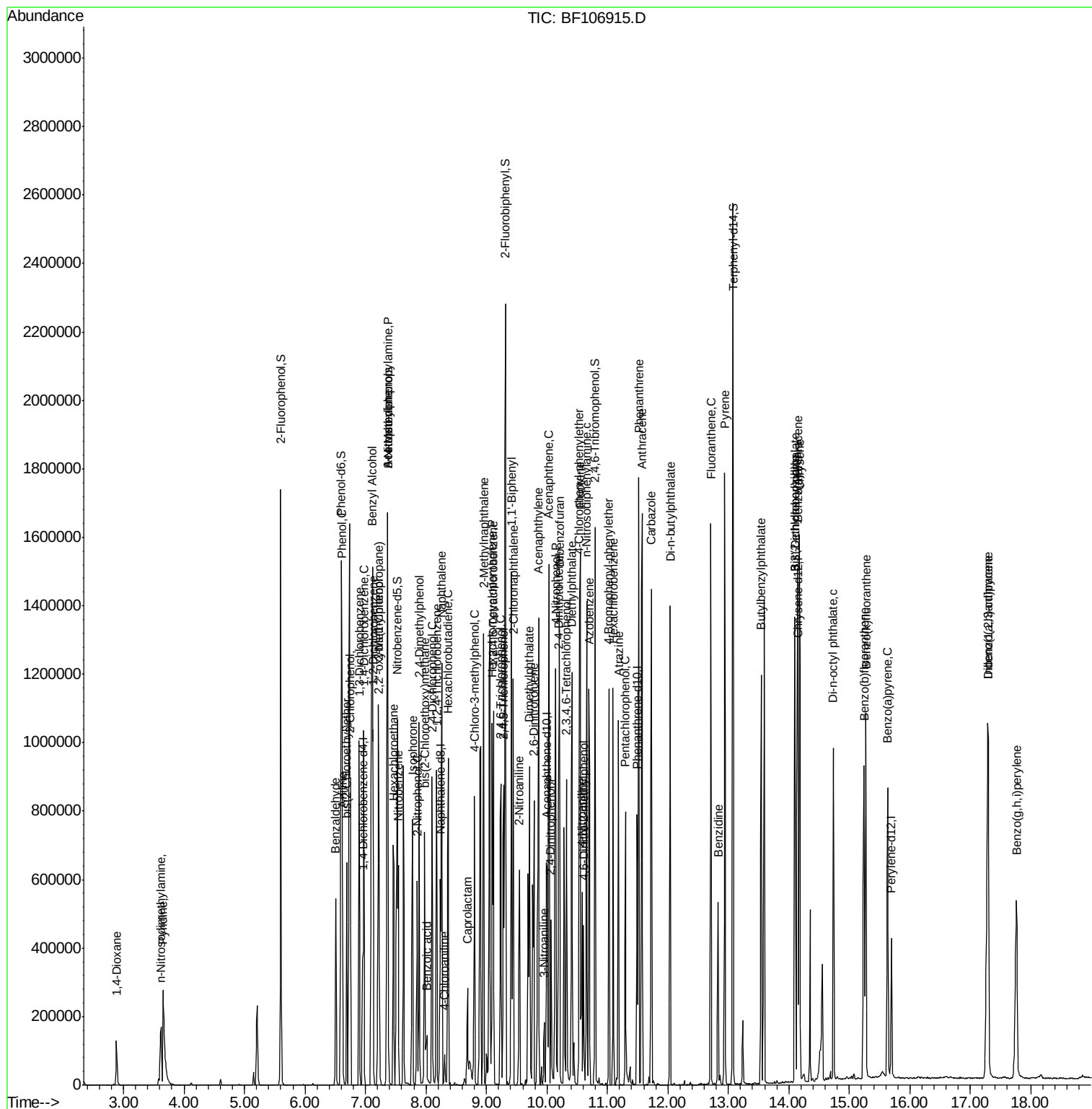
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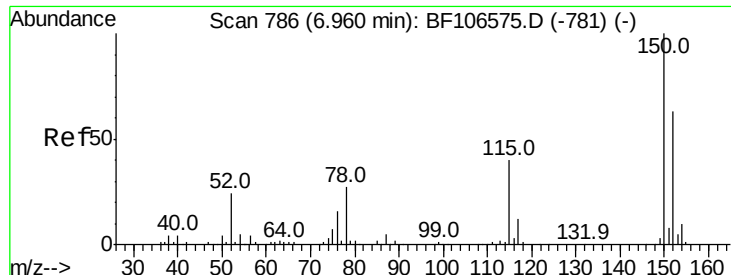
Instrument :
BNA_F
ClientSampleId :
PB110625BSD

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#1

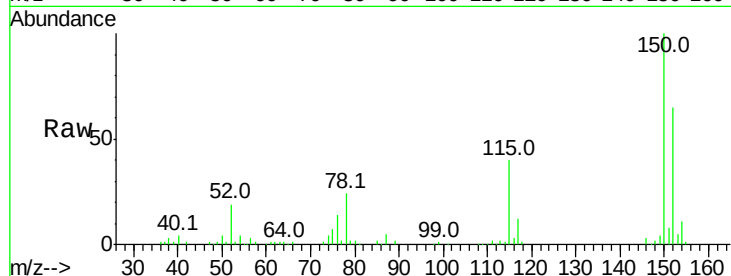
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

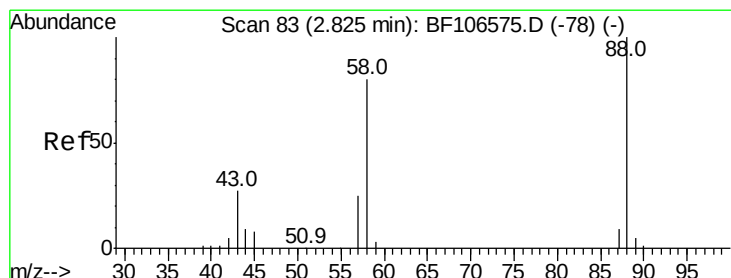
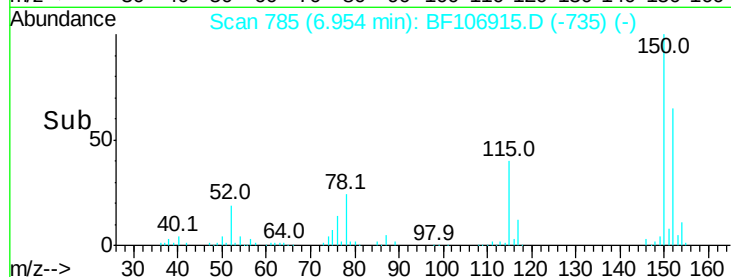
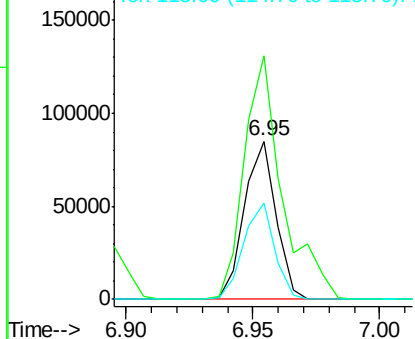
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	61.1	50.1	75.1

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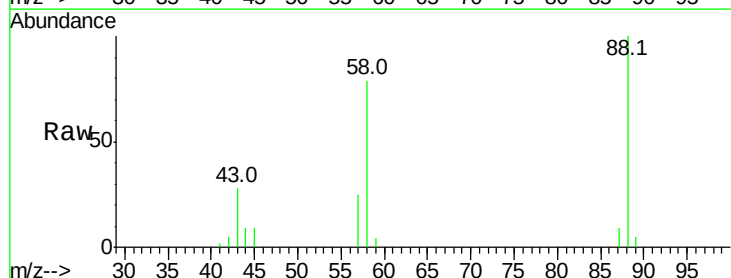
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



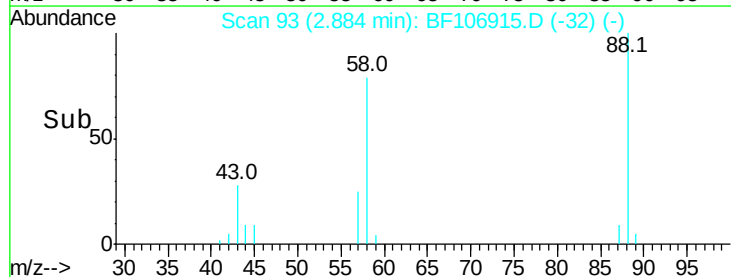
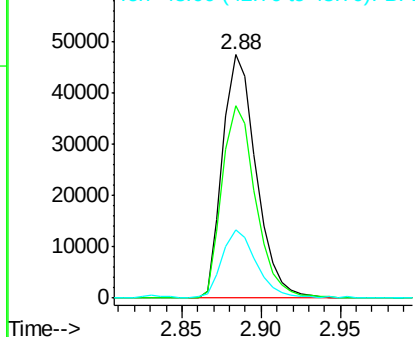
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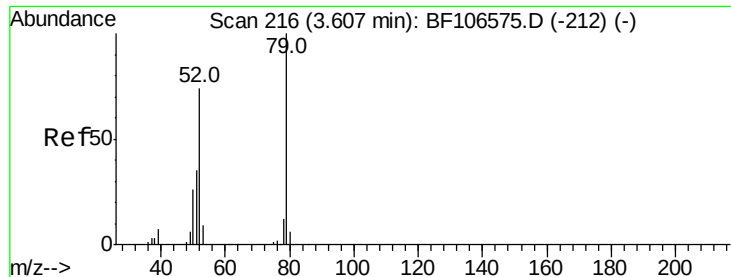
1,4-Dioxane
Concen: 31.362 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	62.6	93.8
43	28.7	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: 34.731 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

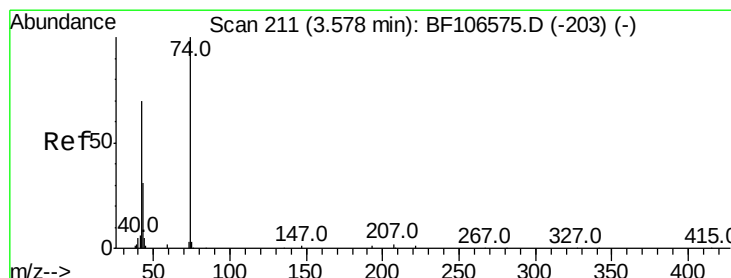
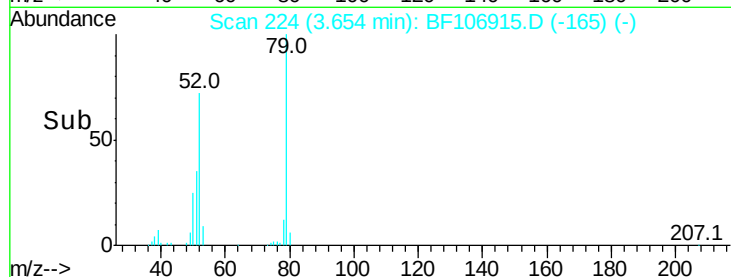
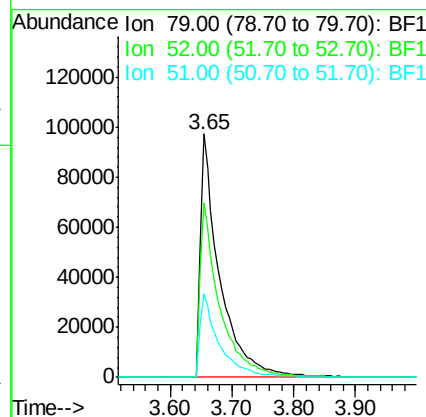
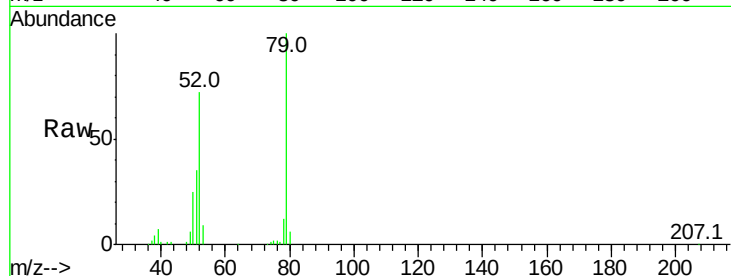
ClientSampleId :

PB110625BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		210226		
52	71.7		59.8	89.6	
51	34.5		29.8	44.8	

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#4

n-Nitrosodimethylamine

Concen: 33.304 ng

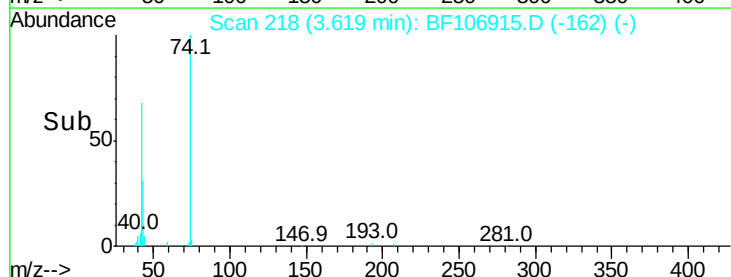
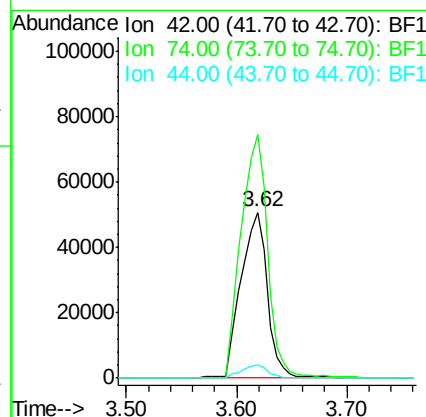
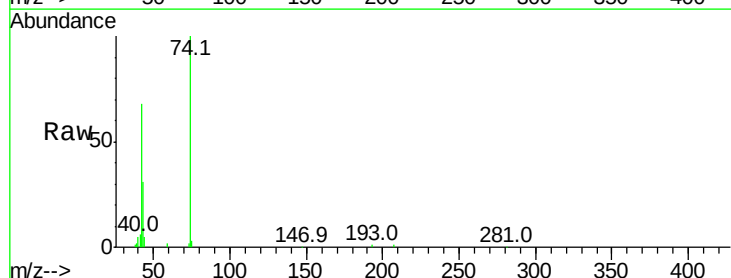
RT: 3.62 min Scan# 218

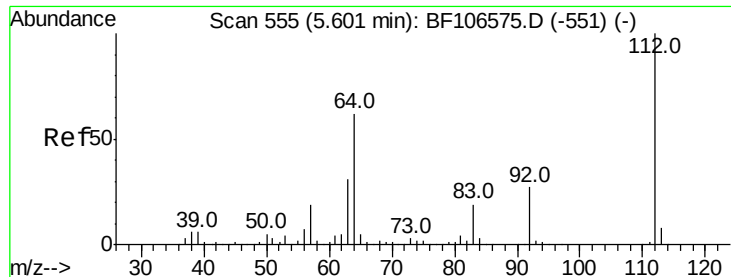
Delta R.T. 0.03 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		85620		
74	146.7		104.9	157.3	
44	7.9		6.9	10.3	





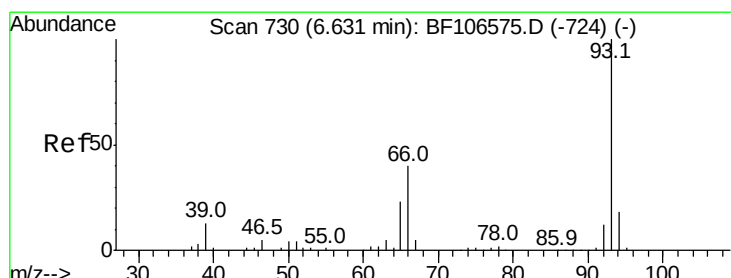
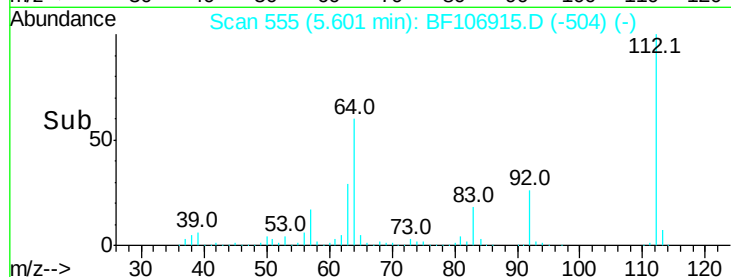
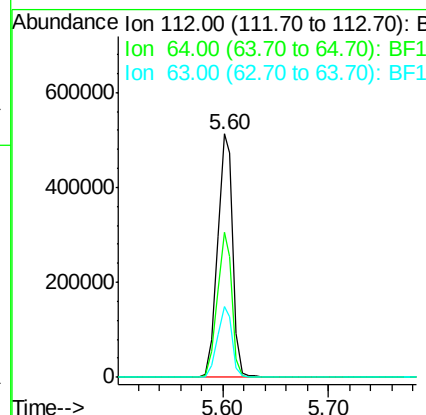
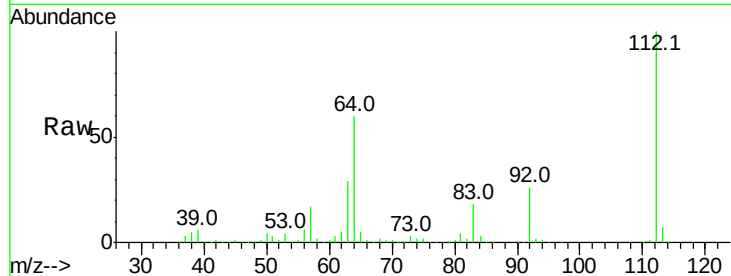
#5
2-Fluorophenol
Concen: 120.509 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
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PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	523160		
64	59.7	47.9	71.9	
63	29.1	23.7	35.5	

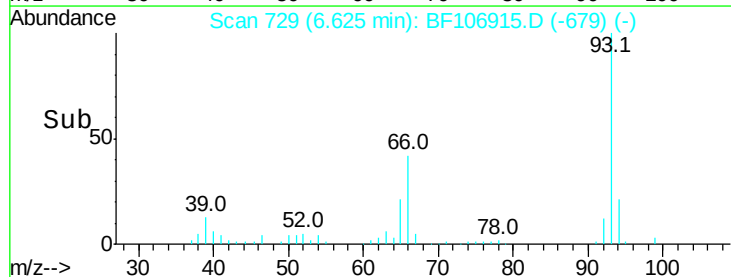
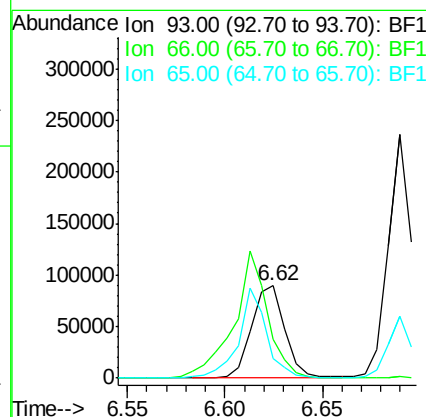
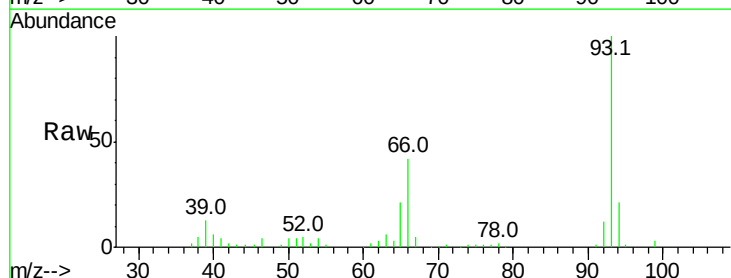
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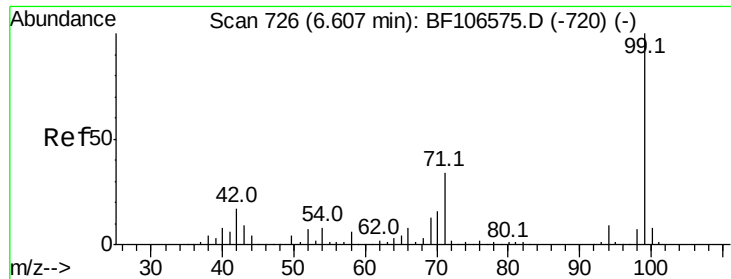
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#6
Aniline
Concen: 14.356 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	105575		
66	42.0	32.2	48.2	
65	21.4	16.4	24.6	





#7

Phenol-d6

Concen: 123.167 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

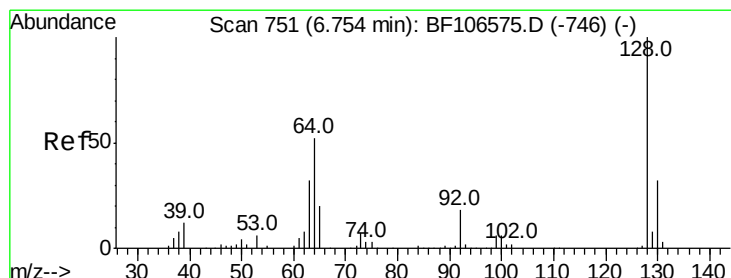
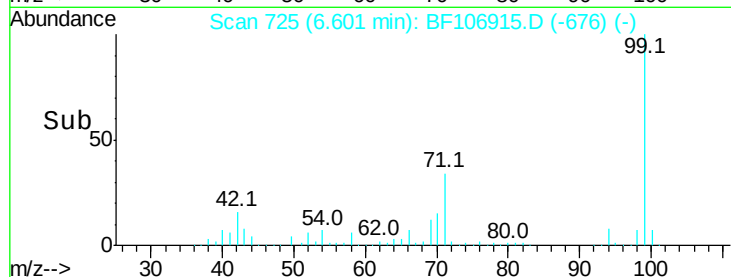
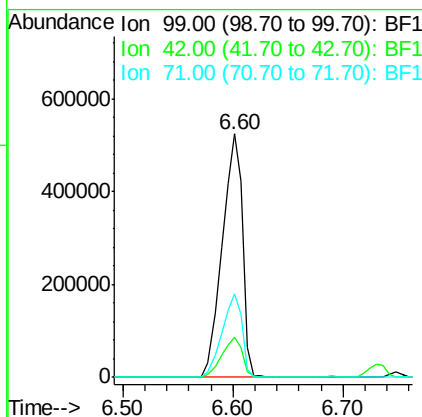
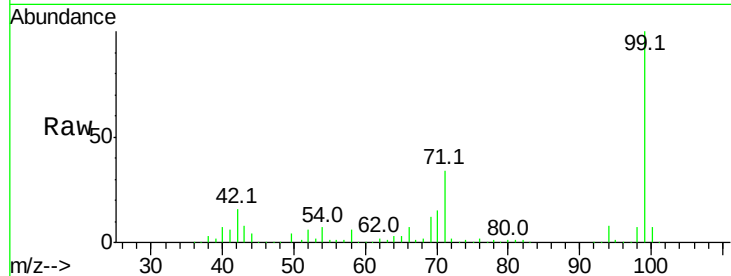
ClientSampleId :

PB110625BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		667731		
42	16.3	14.5	21.7		
71	34.2	25.4	38.0		

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#8

2-Chlorophenol

Concen: 41.311 ng

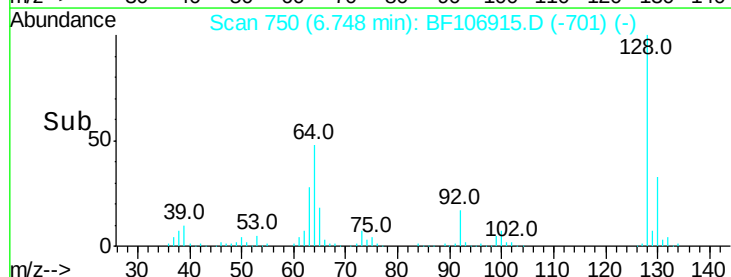
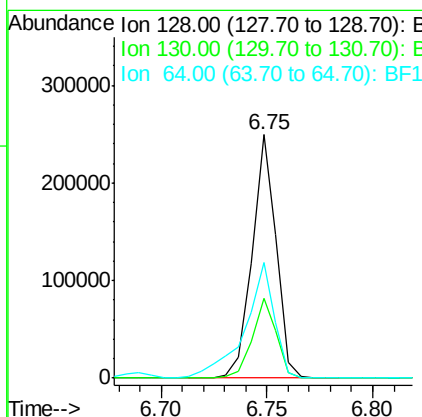
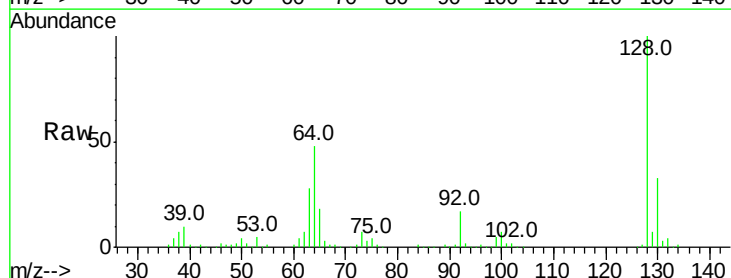
RT: 6.75 min Scan# 750

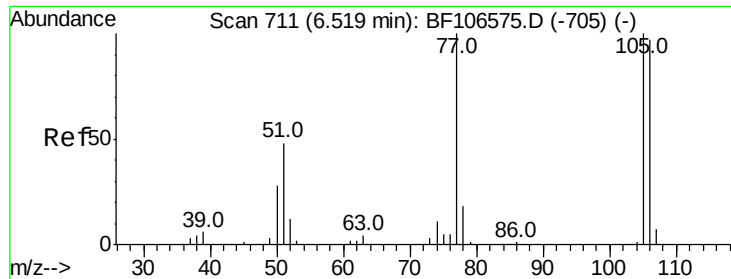
Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		196705		
130	33.0	13.0	53.0		
64	47.5	29.4	69.4		





#9

Benzaldehyde

Concen: 27.579 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF106915.D

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Instrument :

BNA_F

ClientSampleId :

PB110625BSD

Tot Ion: 77 Resp: 110745

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

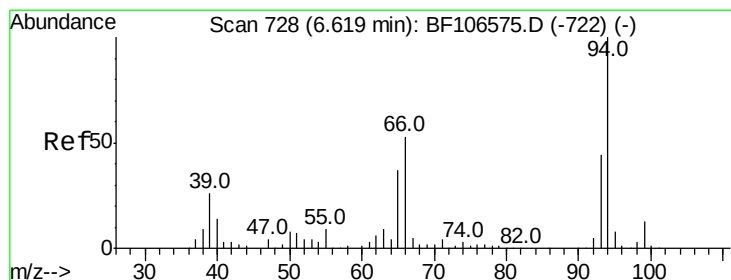
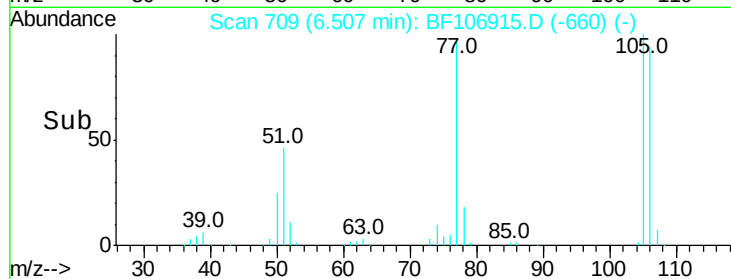
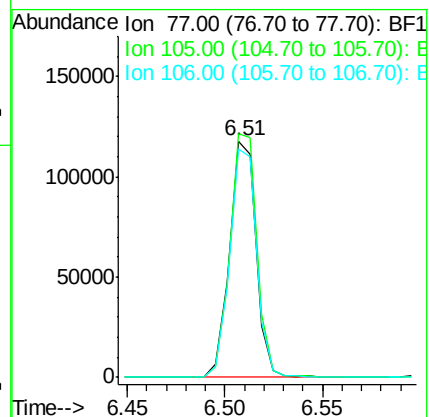
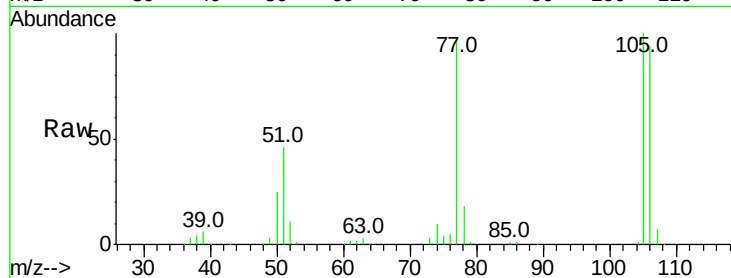
106 96.5 74.5 114.5

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#10

Phenol

Concen: 37.660 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

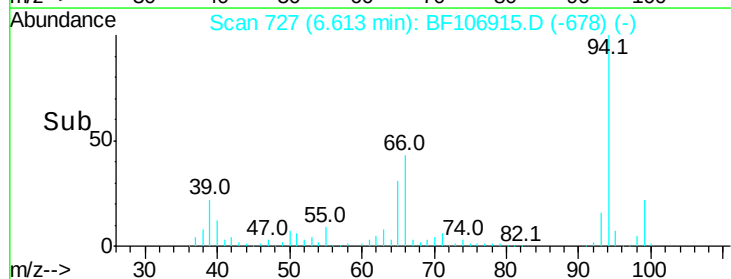
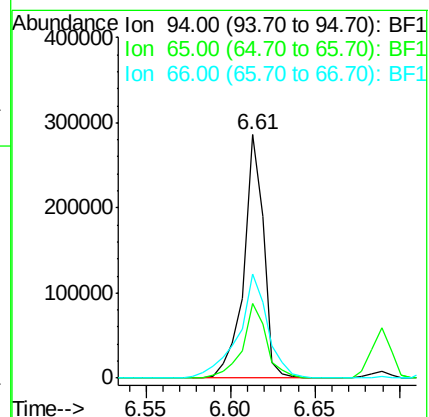
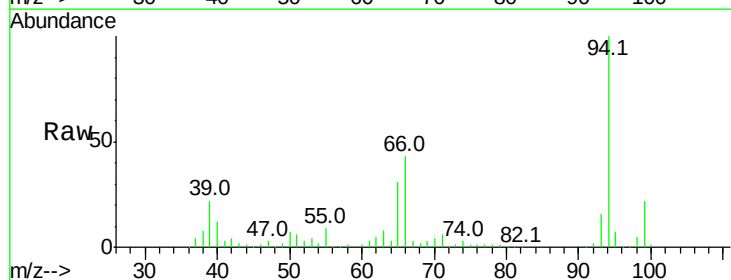
Tgt Ion: 94 Resp: 233003

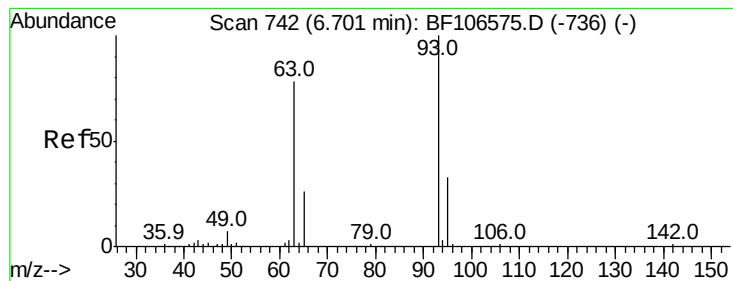
Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

66 42.9 16.2 56.2





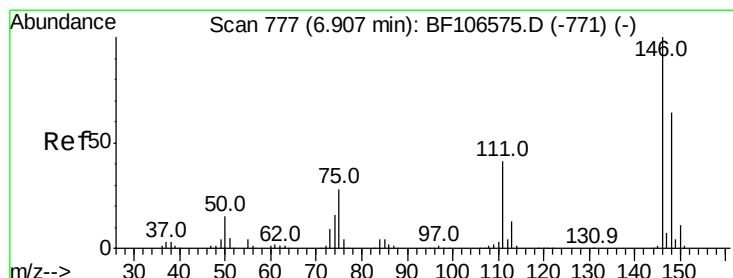
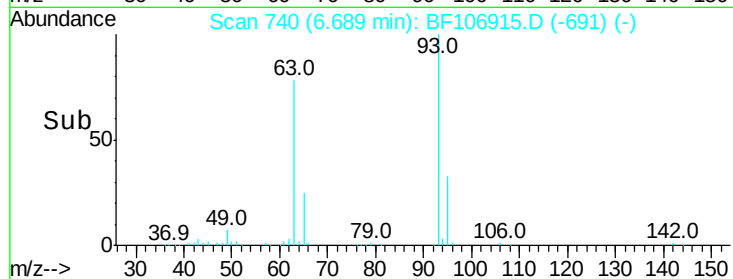
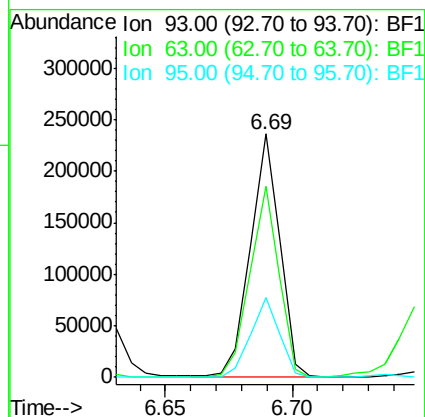
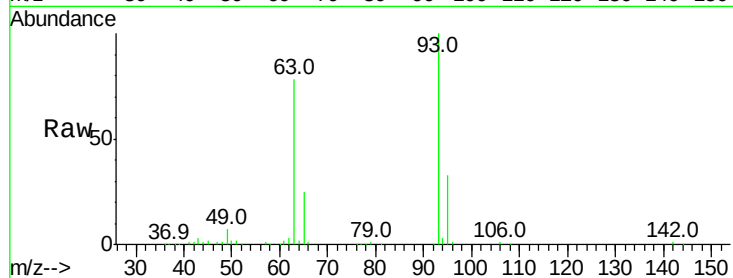
#11
bis(2-Chloroethyl)ether
Concen: 37.448 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.3	58.6	98.6
95	33.0	11.8	51.8

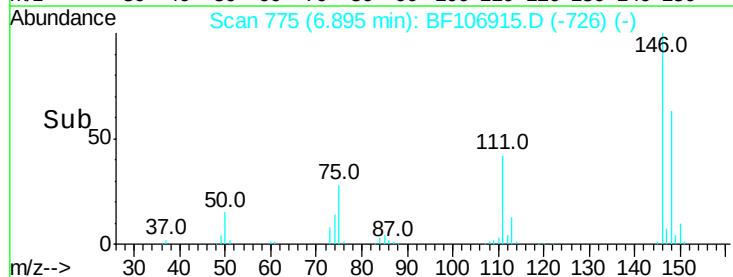
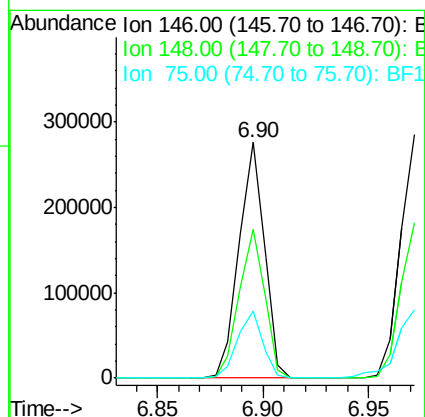
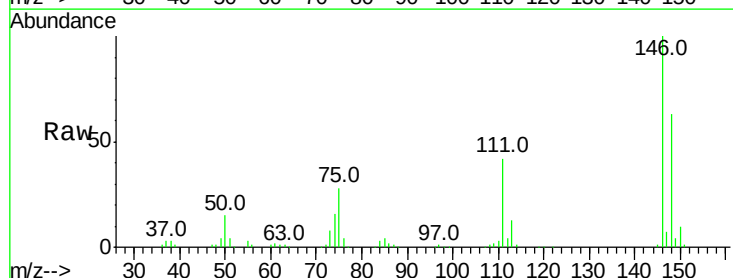
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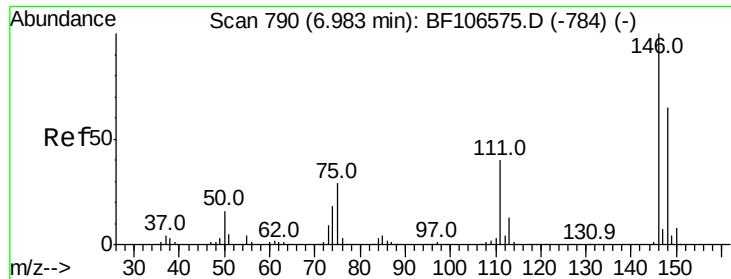
Sohil
6/29/2018 2:30:35 PM



#12
1,3-Dichlorobenzene
Concen: 41.026 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	28.2	24.2	36.4





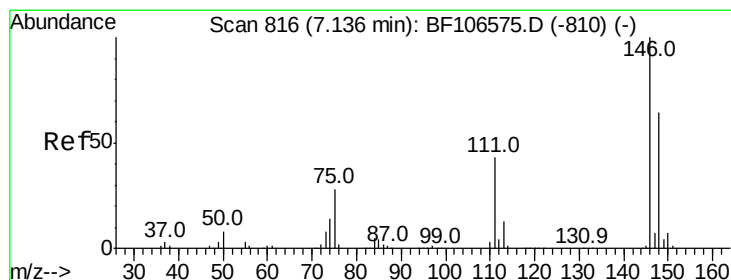
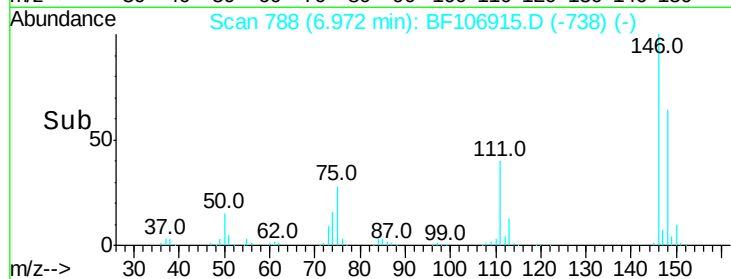
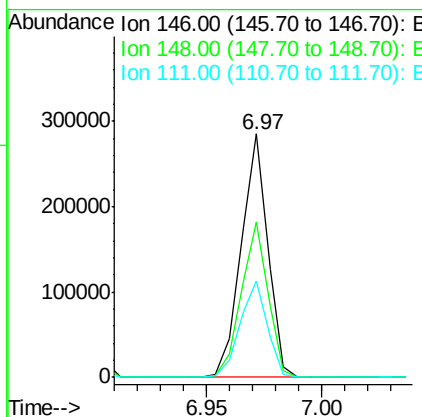
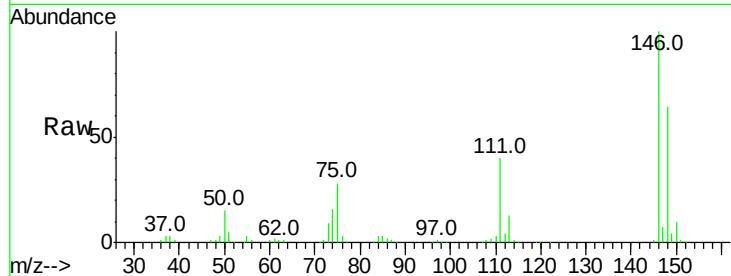
#13
 1,4-Dichlorobenzene
 Concen: 40.714 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	39.8	34.2	51.2

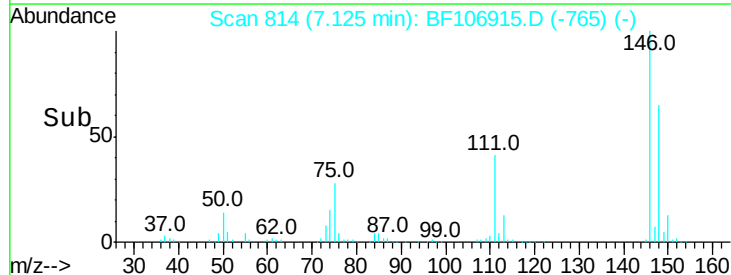
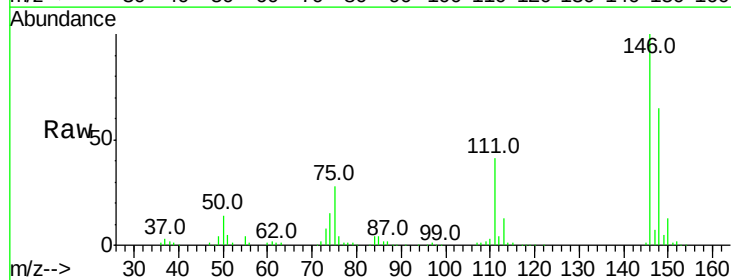
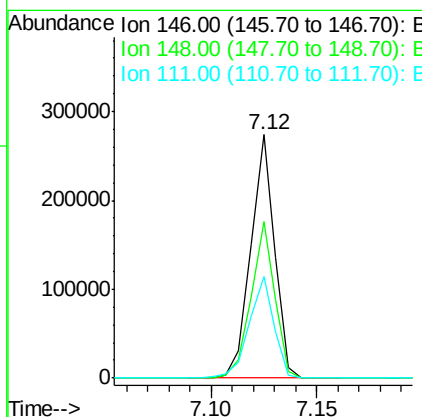
Manual Integrations
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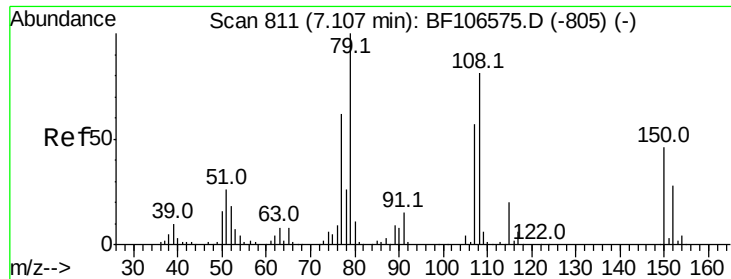
Sohil
 6/29/2018 2:30:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.499 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	41.5	36.0	54.0





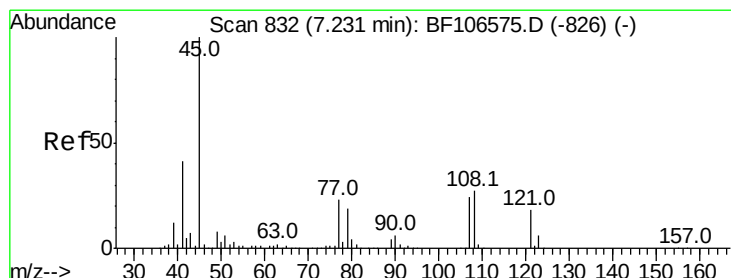
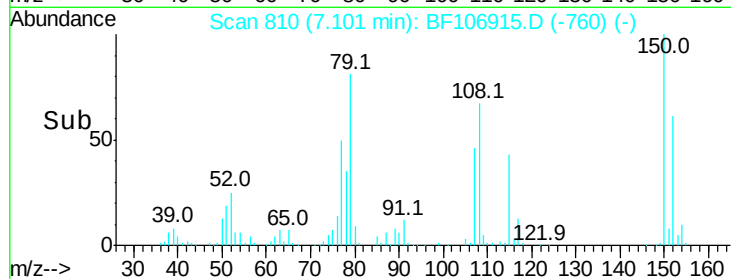
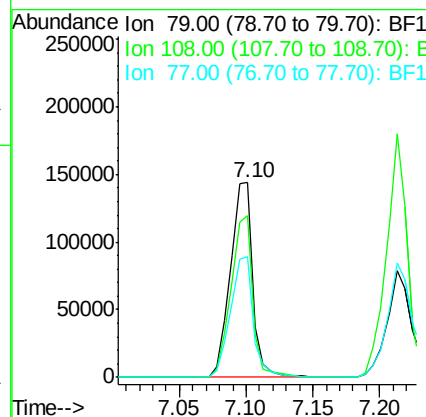
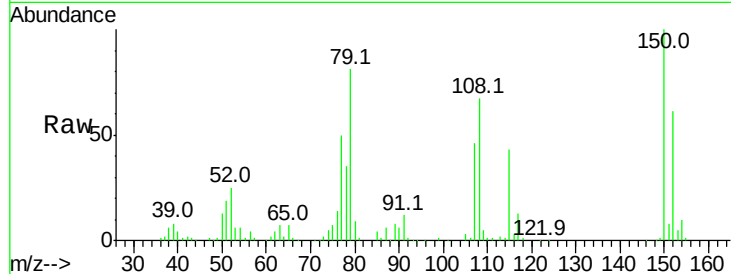
#15
Benzyl Alcohol
Concen: 39.349 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.0	65.1	97.7
77	61.8	50.6	75.8

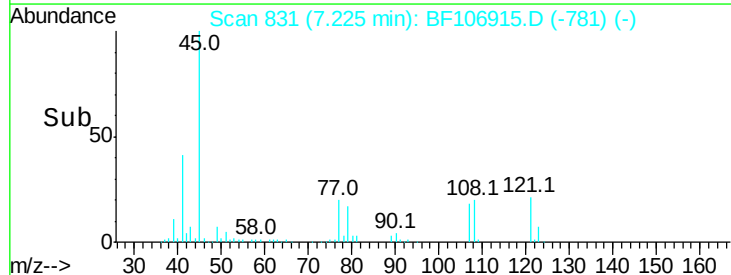
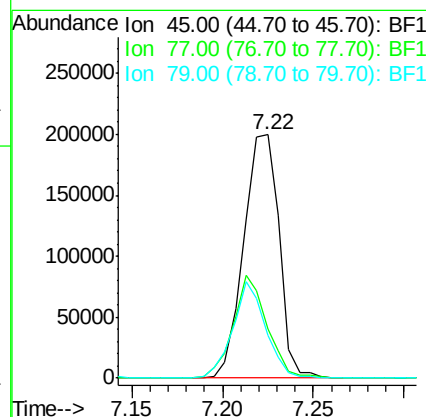
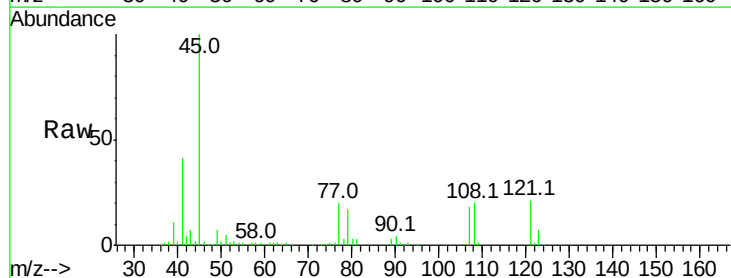
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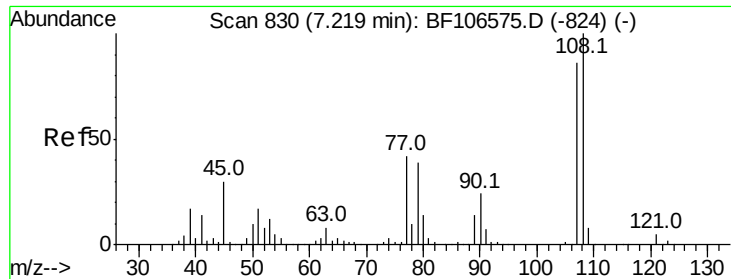
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.437 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.1	0.0	32.9
79	17.4	0.0	29.6





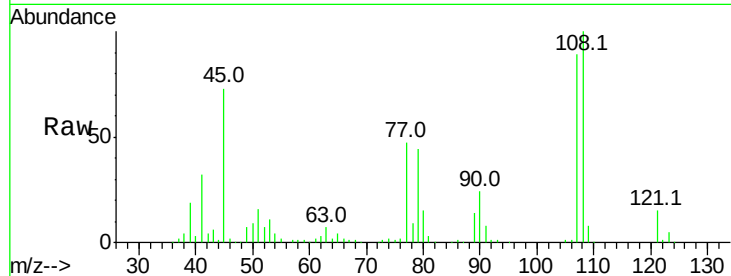
#17
2-Methylphenol
Concen: 41.895 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	53.0	33.8	50.8#
79	49.3	33.8	50.8

Manual Integrations
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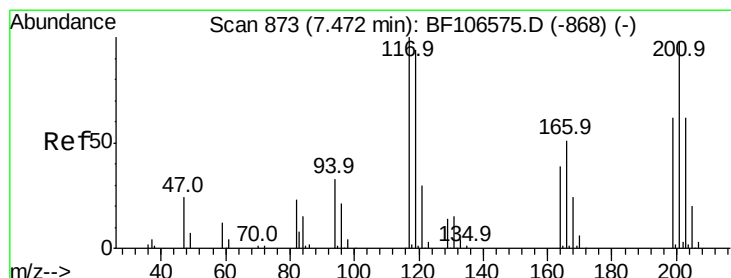
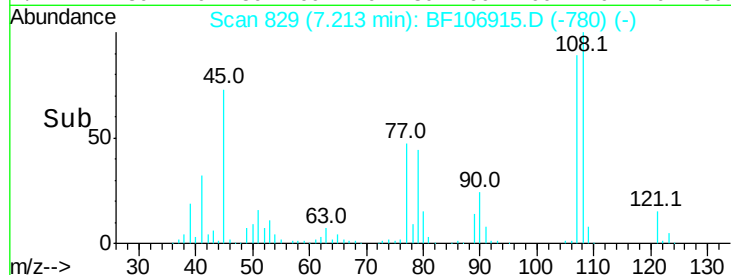
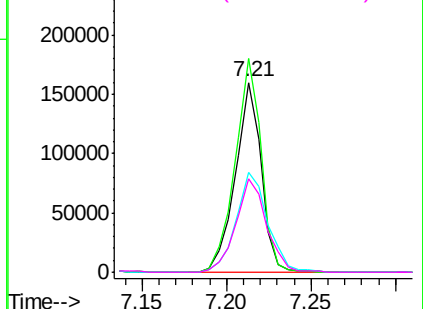
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

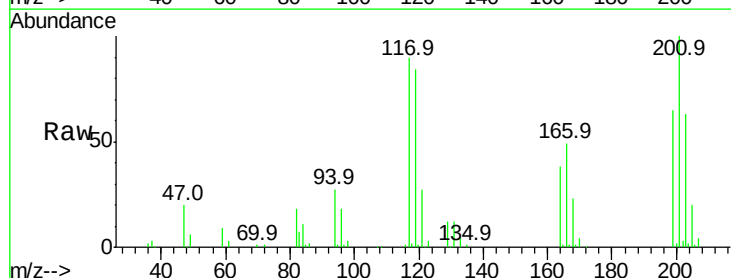
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.272 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
201	111.2	75.7	113.5

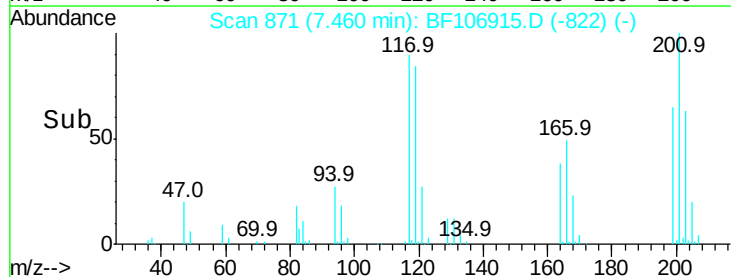
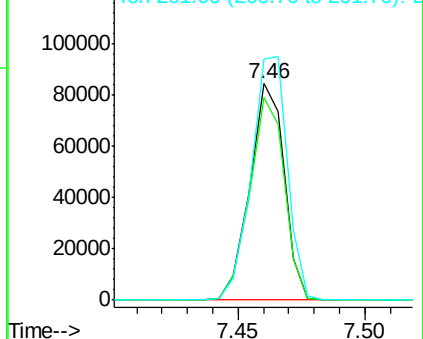


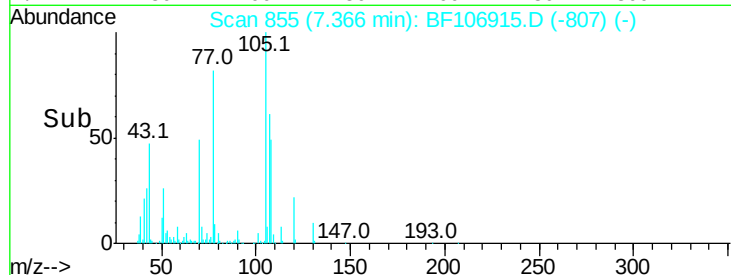
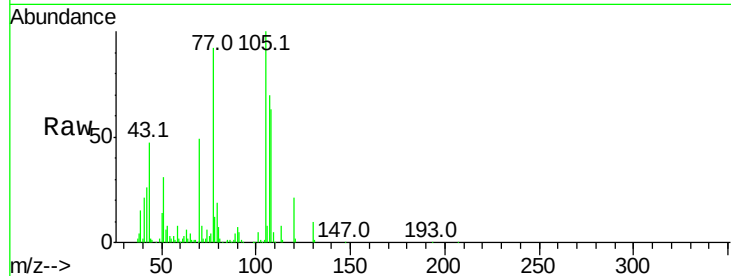
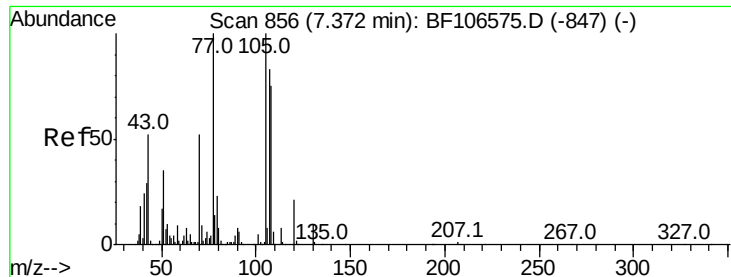
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





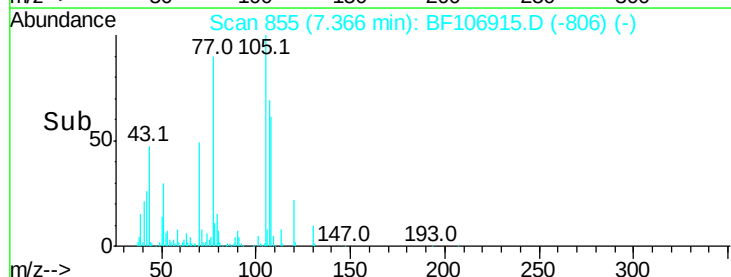
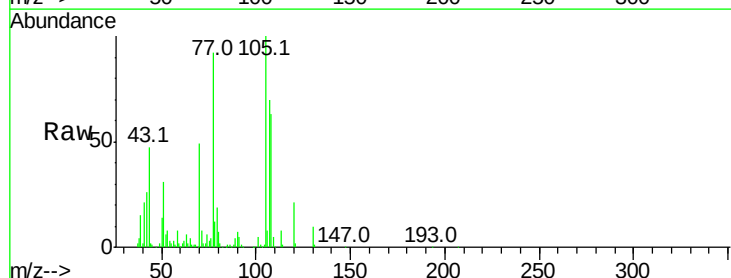
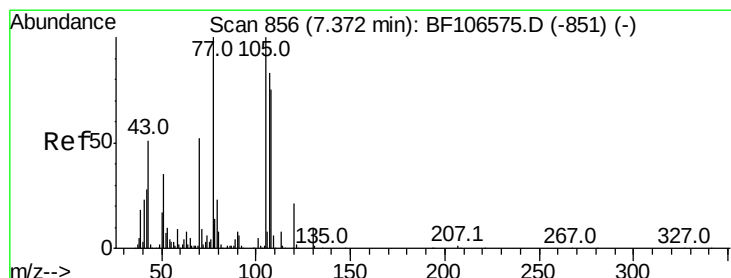
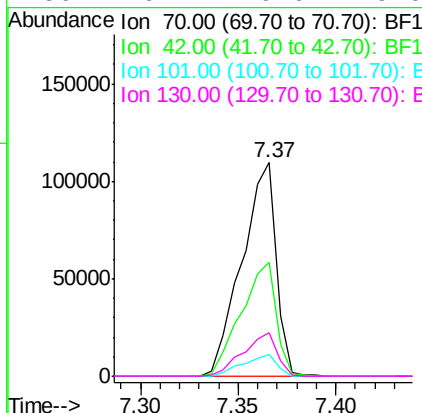
#19
n-Nitroso-di-n-propylamine
Concen: 37.328 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	70	Resp	133396
Ion Ratio	Lower	Upper	
70	100		
42	53.3	47.5	71.3
101	10.0	7.4	11.2
130	20.7	16.6	25.0

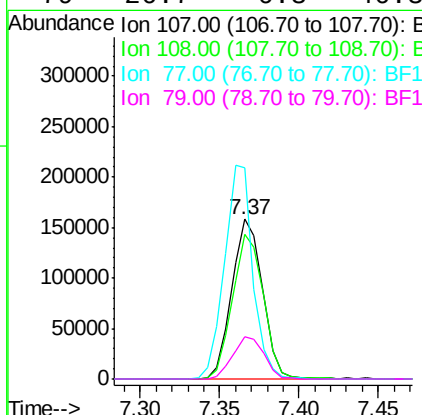
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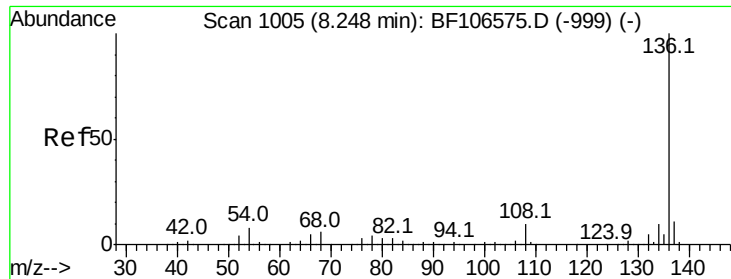
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#20
3+4-Methylphenols
Concen: 49.356 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	107	Resp	211230
Ion Ratio	Lower	Upper	
107	100		
108	90.2	68.2	108.2
77	131.8	26.7	66.7#
79	26.7	6.3	46.3





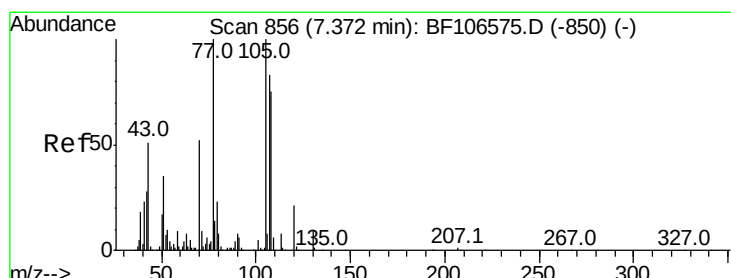
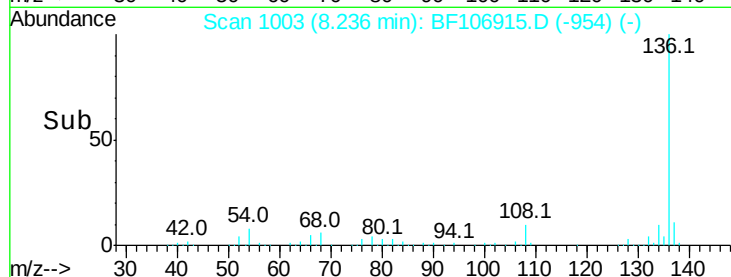
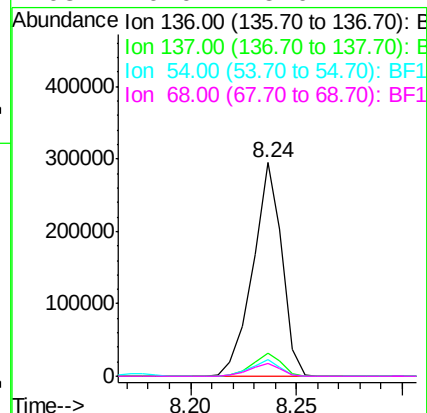
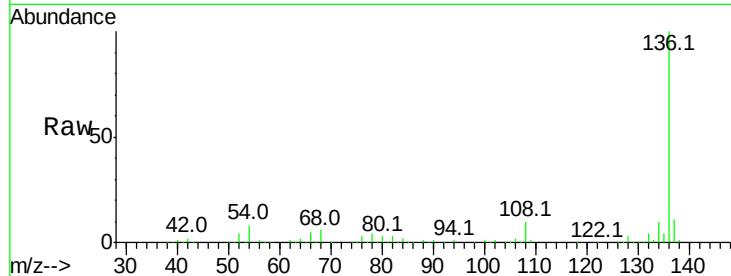
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	281047		
137	10.9		8.9	13.3
54	8.0		6.6	9.8
68	6.0		5.0	7.4

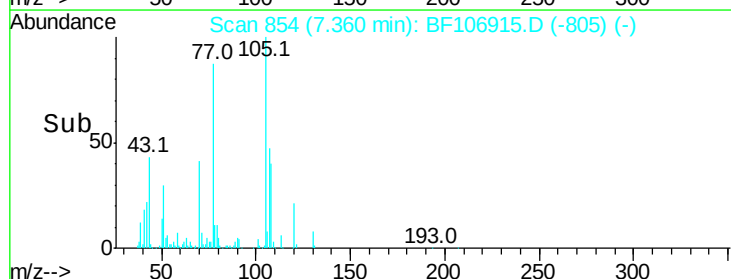
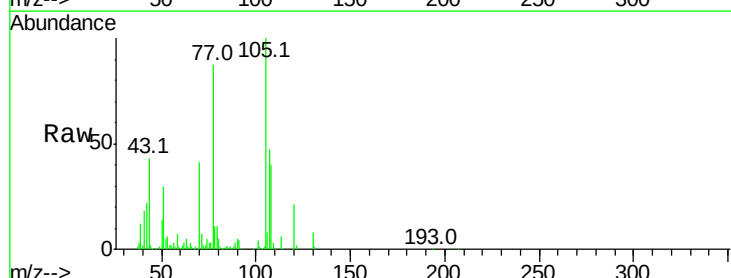
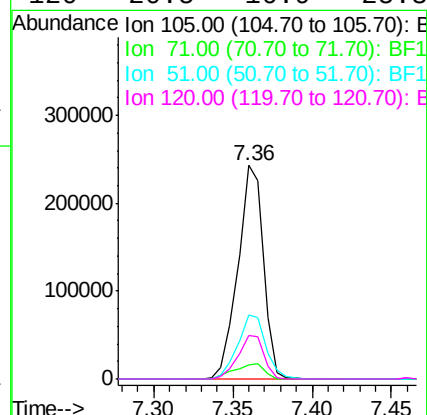
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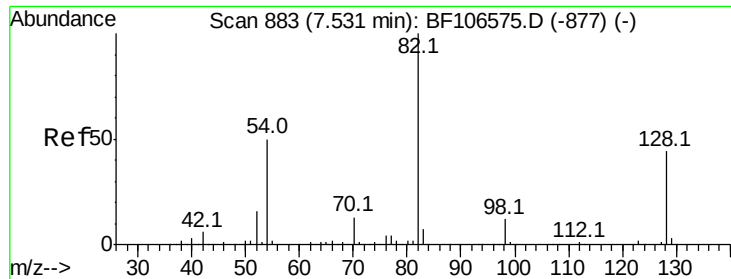
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#22
Acetophenone
Concen: 42.968 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270168		
71	6.6		4.4	6.6#
51	30.2		22.3	33.5
120	20.5		16.9	25.3





#23

Nitrobenzene-d5

Concen: 84.422 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

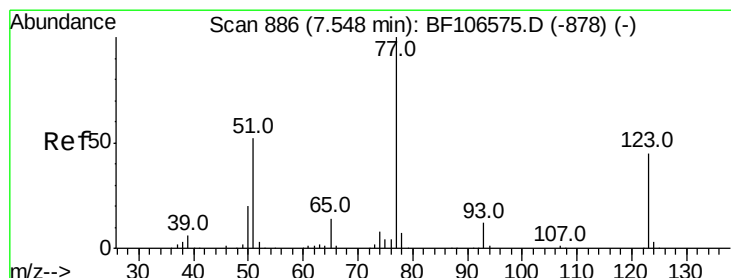
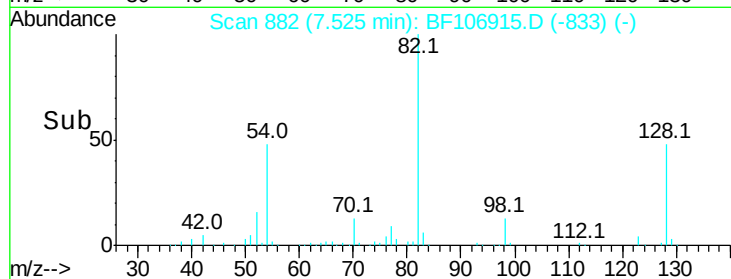
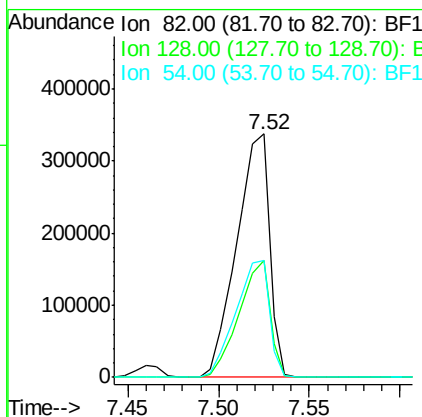
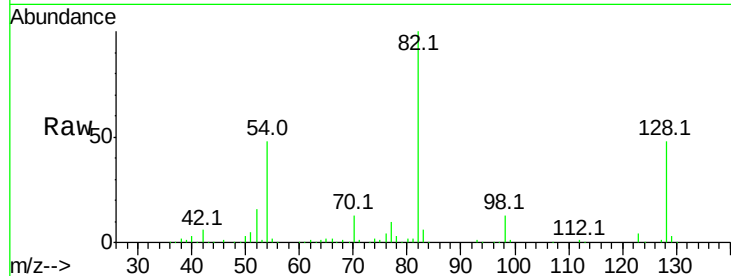
ClientSampleId :

PB110625BSD

Tot Ion:	82	Resp:	426940
Ion Ratio	Lower	Upper	
82	100		
128	47.9	36.1	54.1
54	47.8	41.4	62.2

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#24

Nitrobenzene

Concen: 41.202 ng

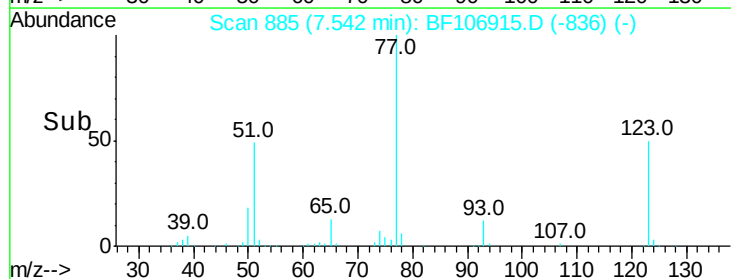
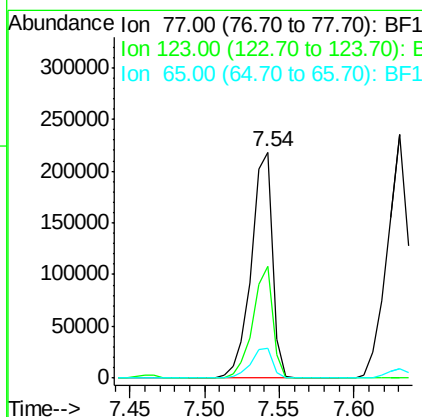
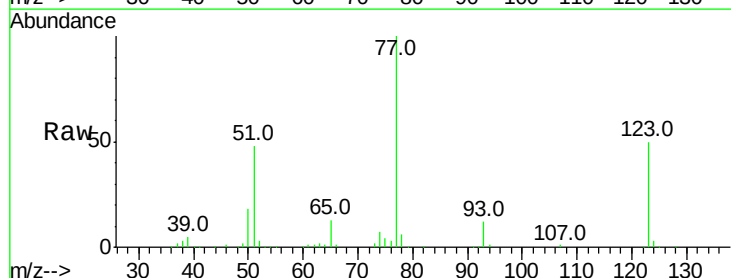
RT: 7.54 min Scan# 885

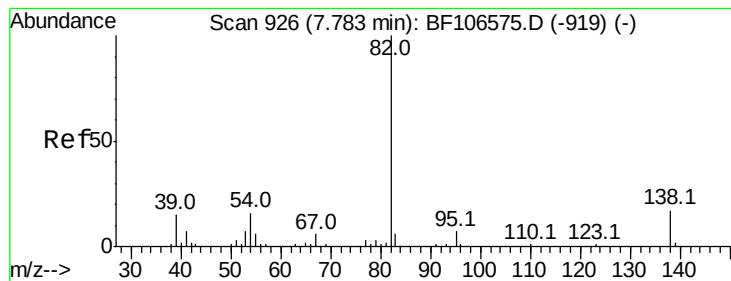
Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	77	Resp:	212733
Ion Ratio	Lower	Upper	
77	100		
123	49.7	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 43.229 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

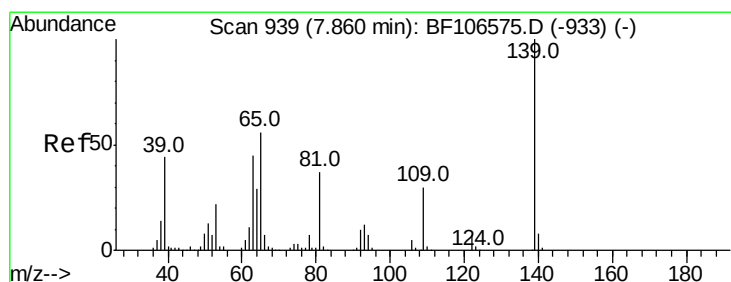
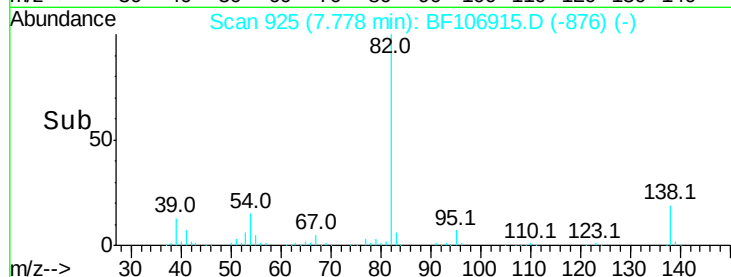
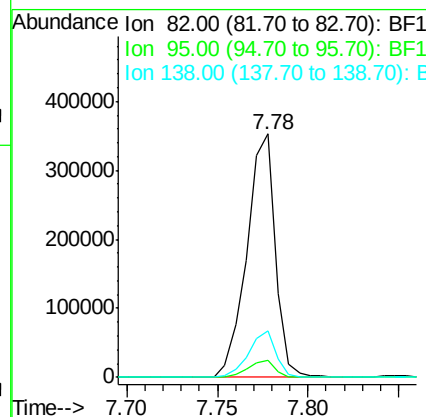
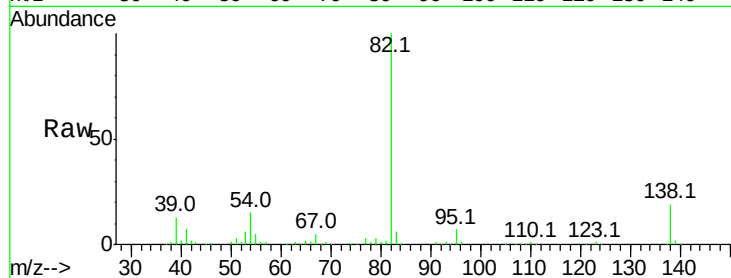
ClientSampleId :

PB110625BSD

Tot Ion:	82	Resp:	385234
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	19.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 46.203 ng

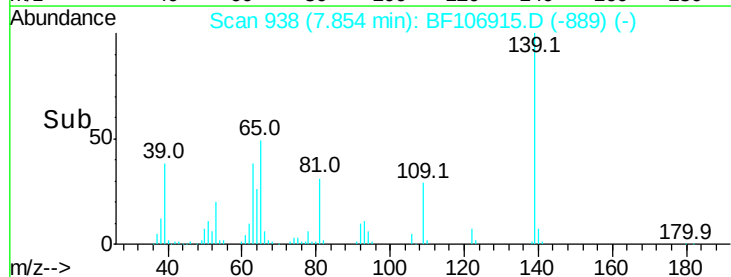
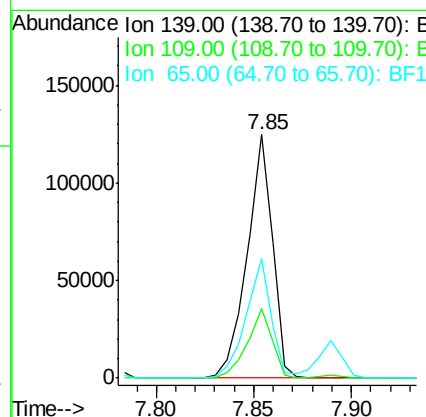
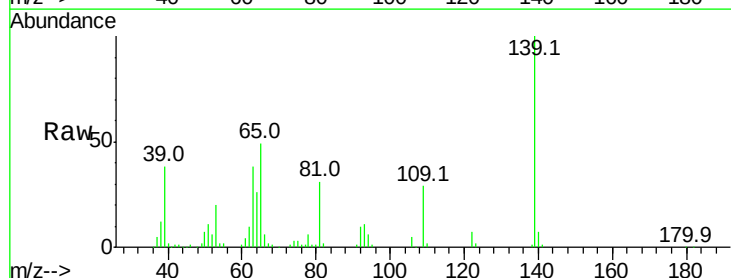
RT: 7.85 min Scan# 938

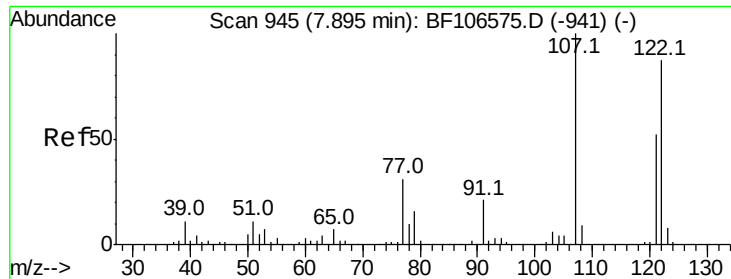
Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	139	Resp:	112615
Ion Ratio	Lower	Upper	
139	100		
109	28.7	22.7	34.1
65	48.9	40.5	60.7





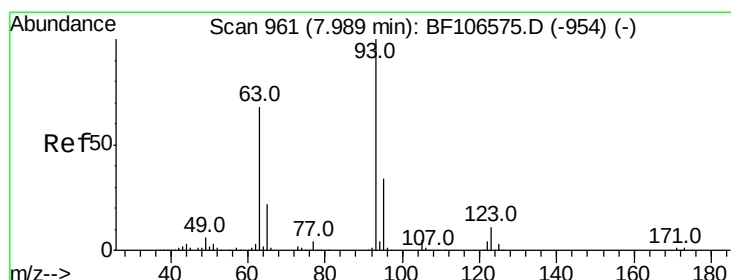
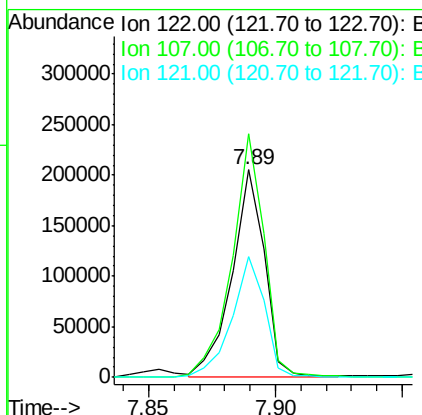
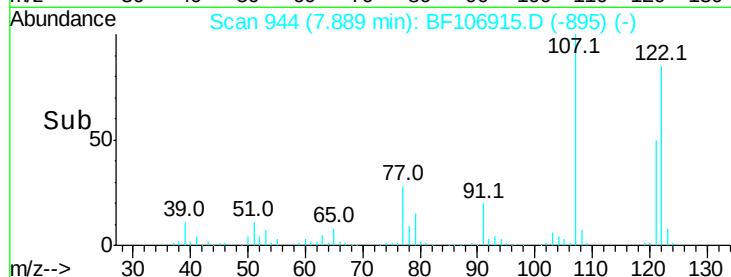
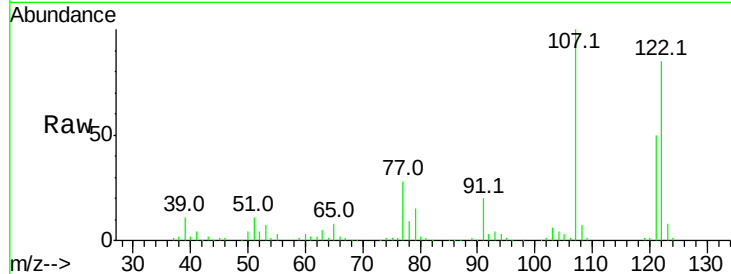
#27
 2,4-Dimethylphenol
 Concen: 48.614 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
122	100	183146		
107	117.5	91.2	136.8	
121	58.3	47.2	70.8	

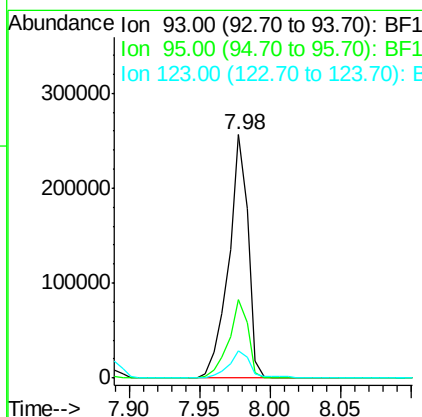
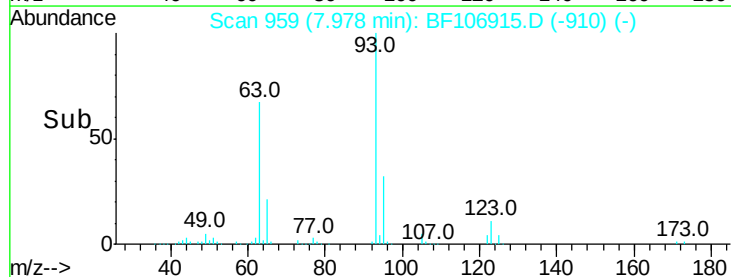
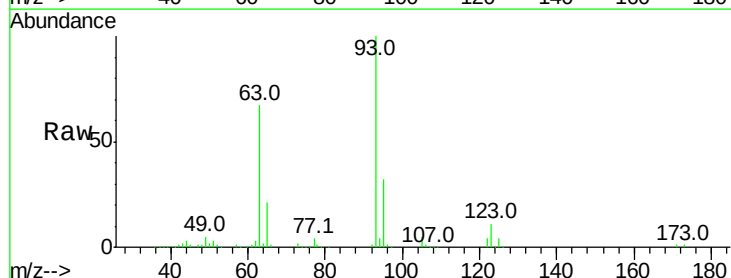
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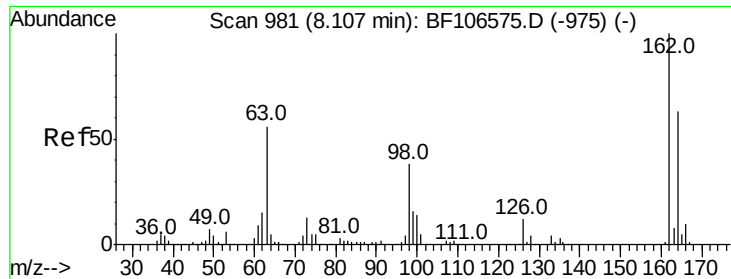
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.984 ng
 RT: 7.98 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	245227		
95	32.1	26.3	39.5	
123	11.0	9.8	14.6	





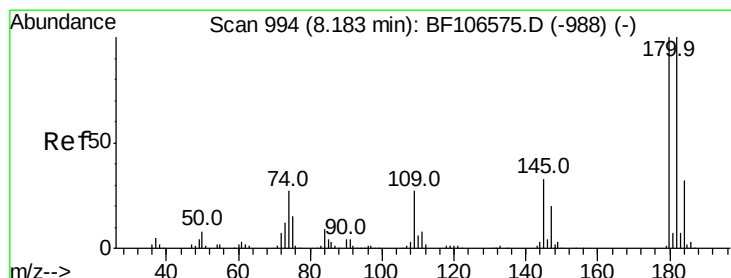
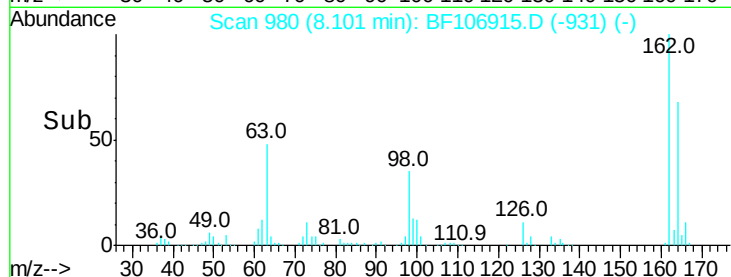
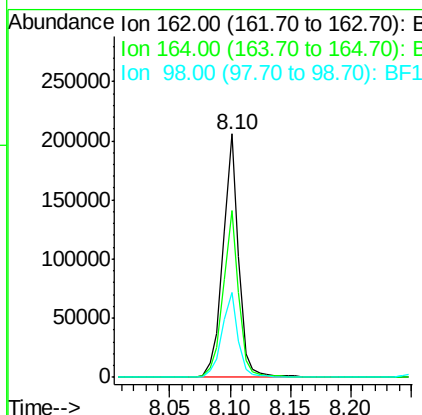
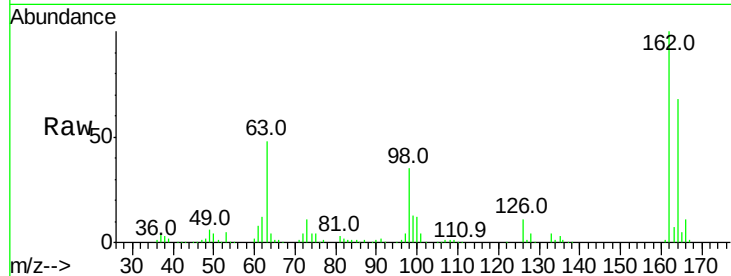
#29
 2,4-Dichlorophenol
 Concen: 46.973 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.4	42.7	82.7
98	34.8	18.1	58.1

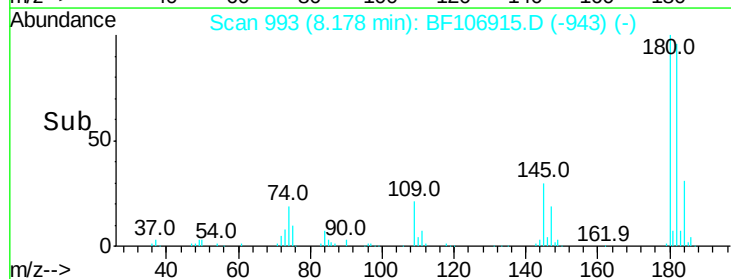
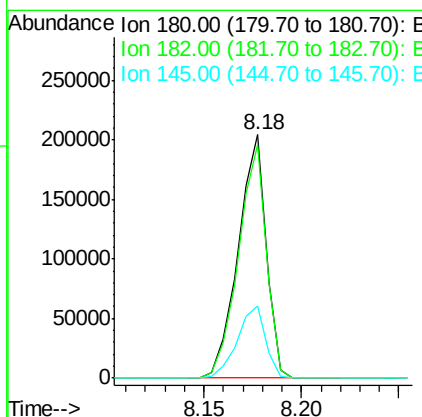
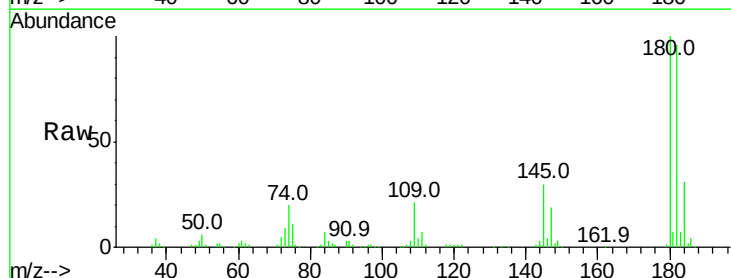
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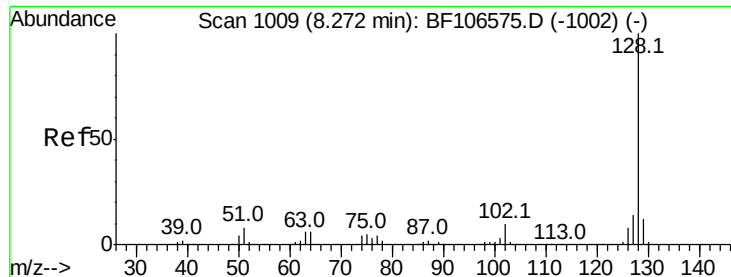
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.698 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	76.8	115.2
145	29.7	26.5	39.7





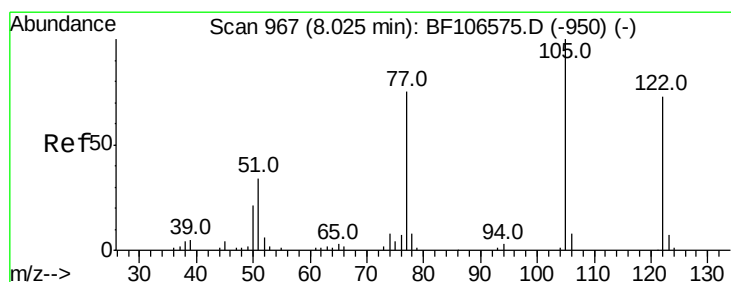
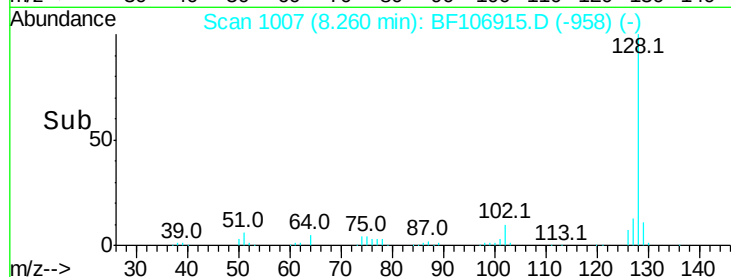
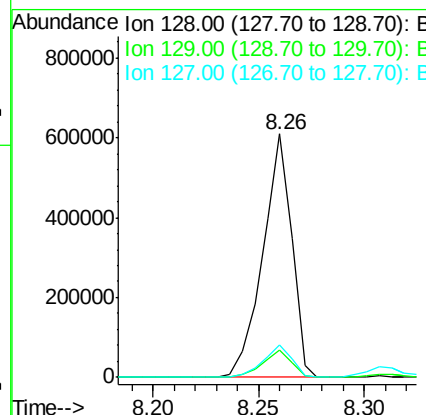
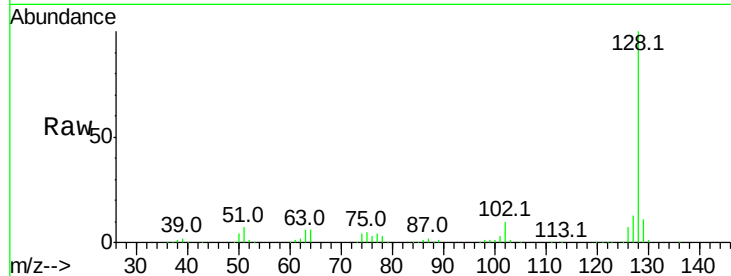
#31
Naphthalene
Concen: 44.212 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3

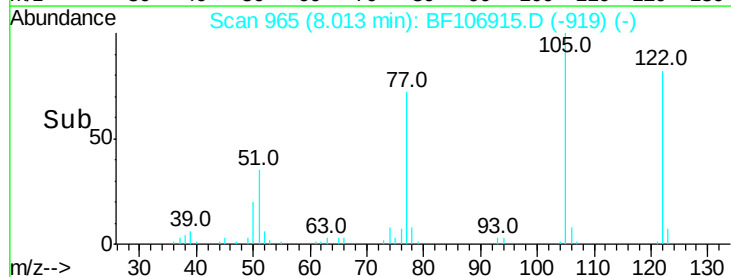
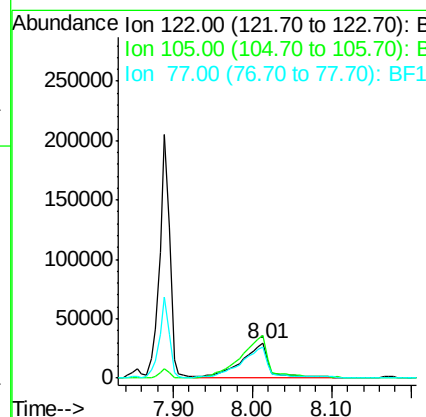
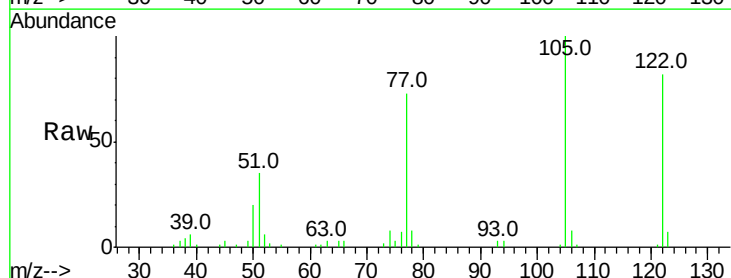
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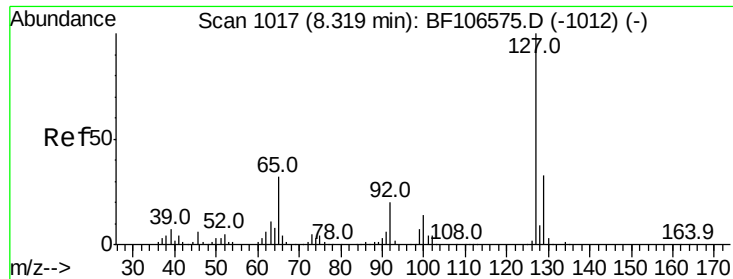
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#32
Benzoic acid
Concen: 28.094 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	121.7	101.1	141.1
77	88.7	70.7	110.7





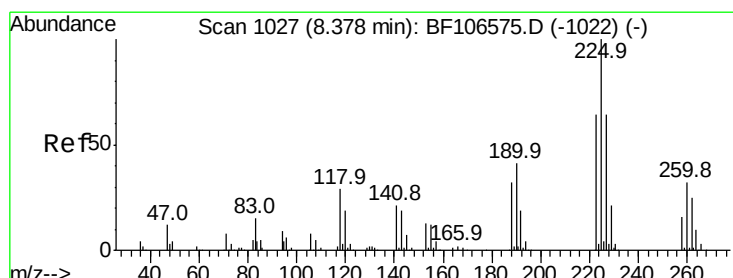
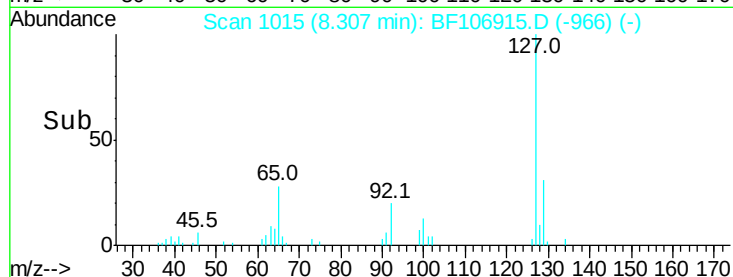
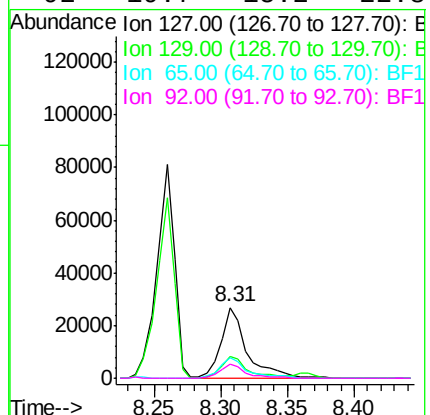
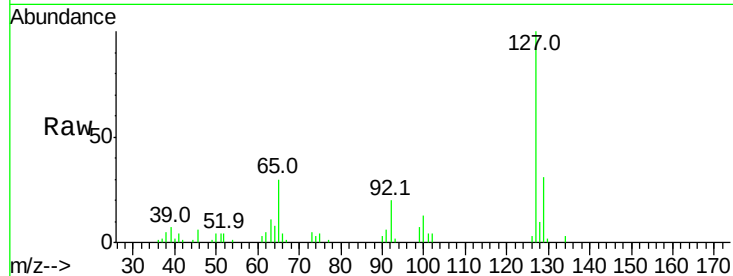
#33
4-Chloroaniline
Concen: 6.770 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	25.9	38.9	
65	29.8	25.0	37.4	
92	19.7	15.2	22.8	

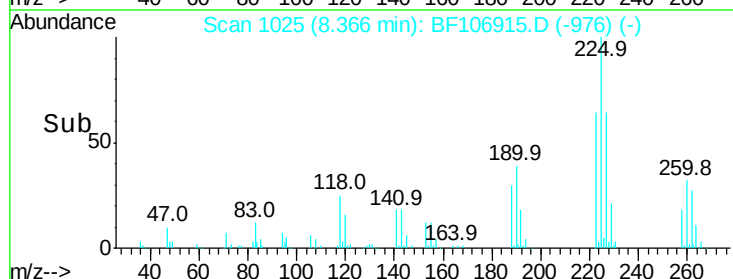
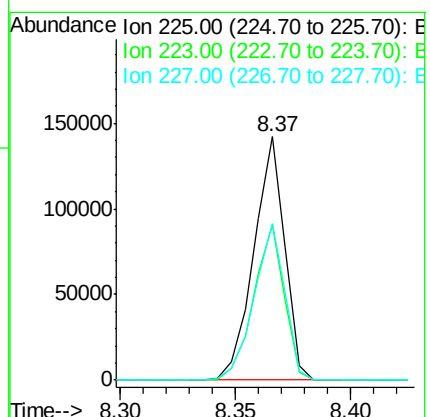
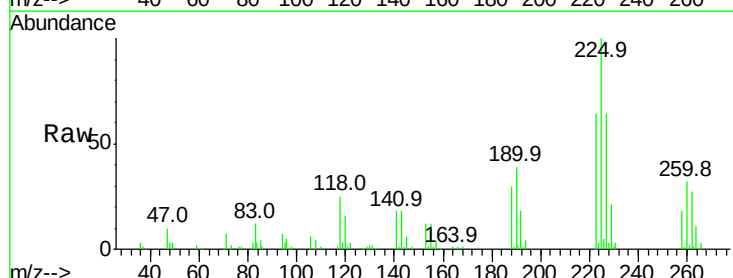
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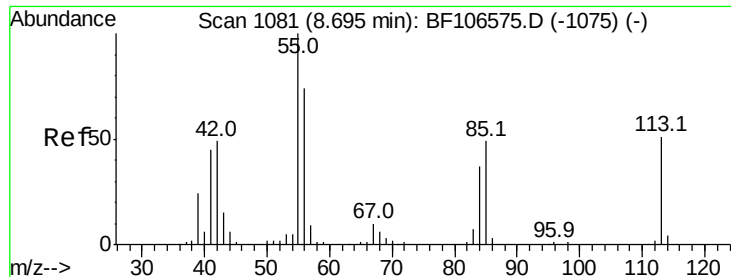
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#34
Hexachlorobutadiene
Concen: 46.881 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	64.1	51.9	77.9	





#35

Caprolactam

Concen: 49.574 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

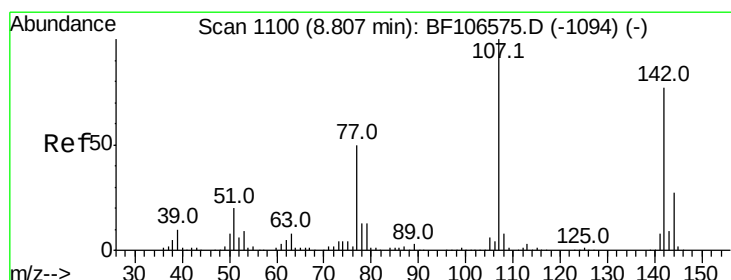
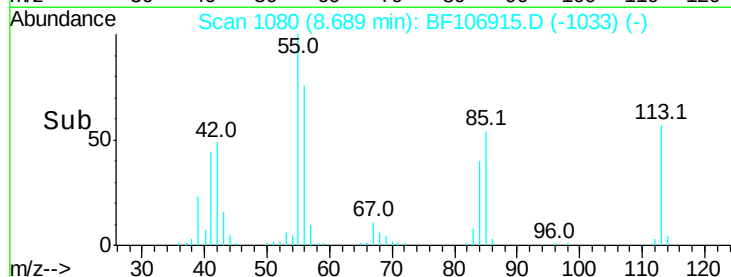
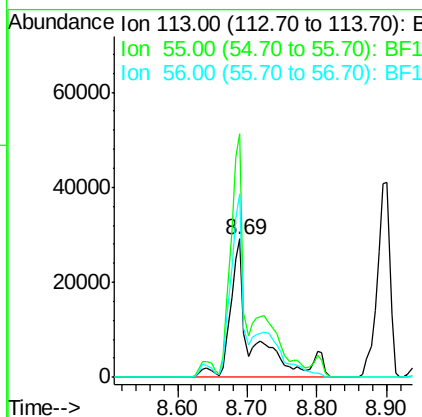
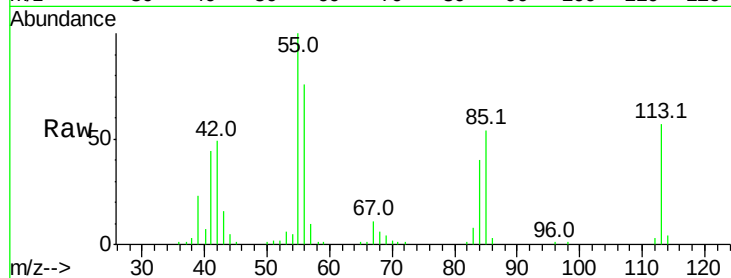
ClientSampleId :

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Tot Ion:	113	Resp:	63737
Ion Ratio	Lower	Upper	
113	100		
55	176.3	163.3	203.3
56	133.2	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 46.566 ng/mL

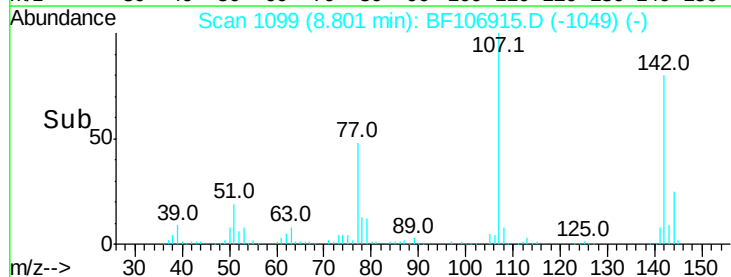
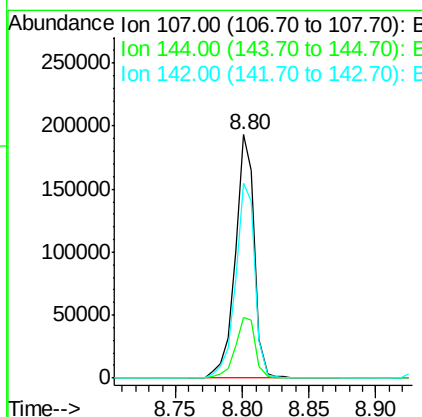
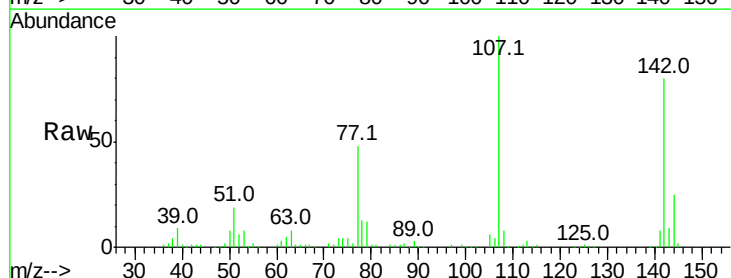
RT: 8.80 min Scan# 1099

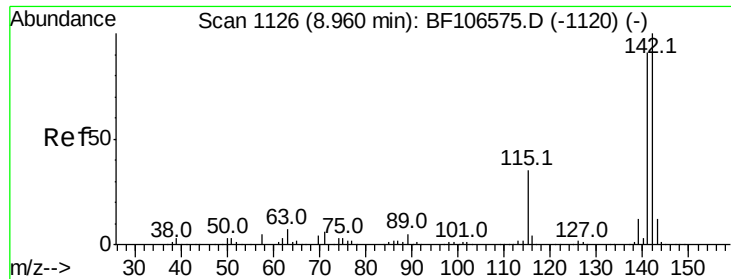
Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	107	Resp:	193318
Ion Ratio	Lower	Upper	
107	100		
144	25.1	20.5	30.7
142	80.0	62.0	93.0





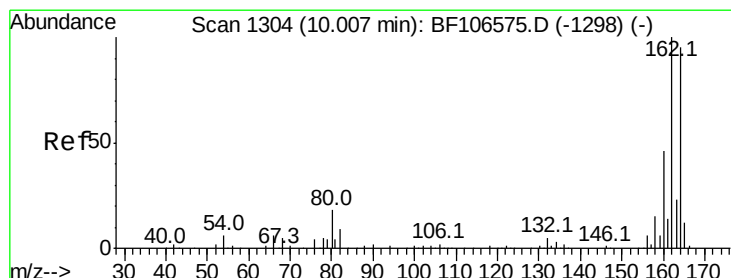
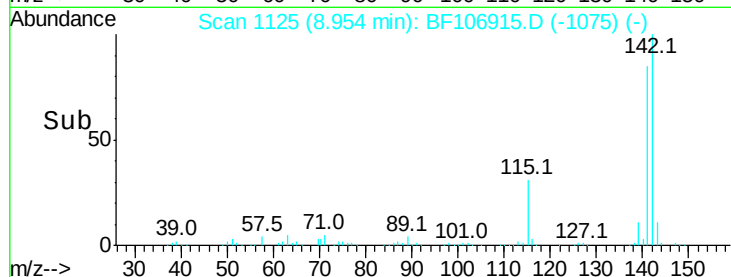
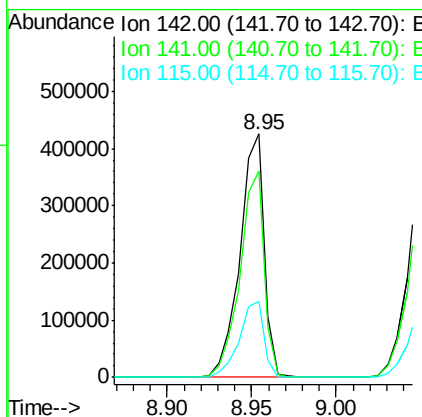
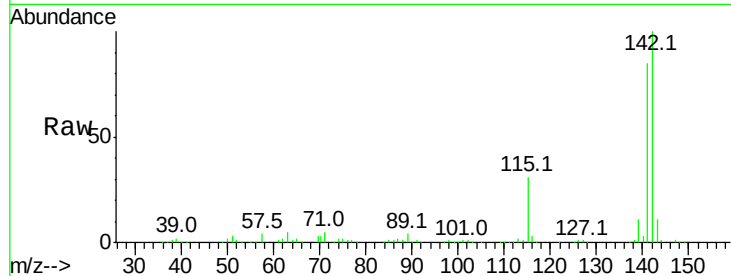
#37
2-Methylnaphthalene
Concen: 49.159 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	428145		
141	84.9		70.8	106.2
115	31.2		26.1	39.1

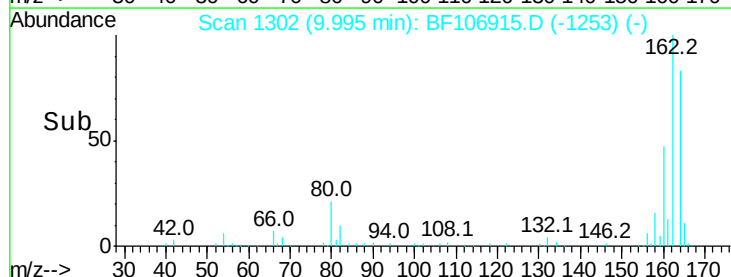
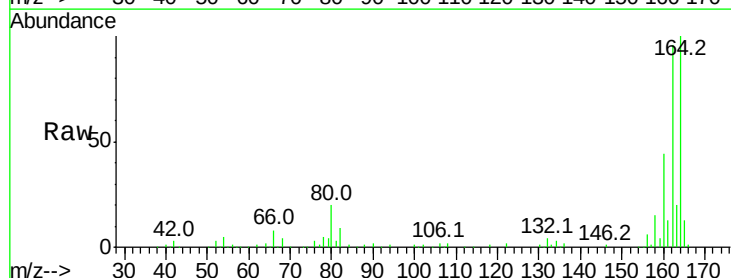
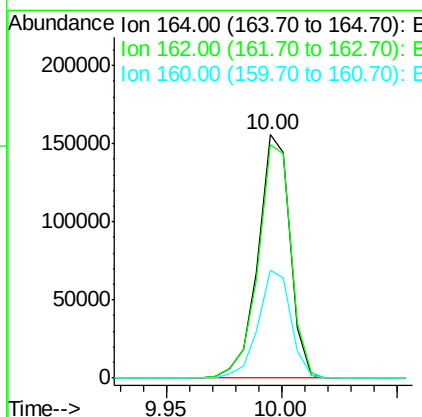
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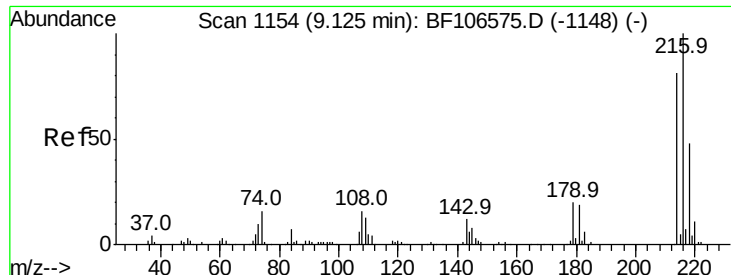
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150529		
162	95.8		86.1	129.1
160	44.1		38.3	57.5





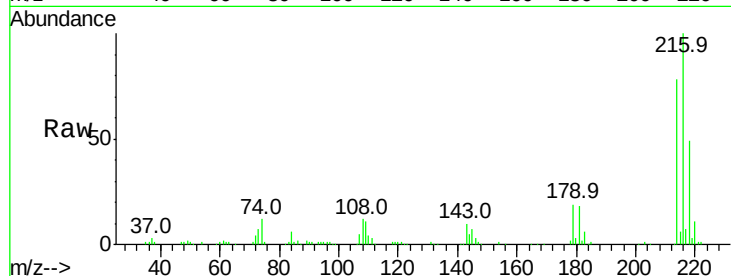
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.114 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

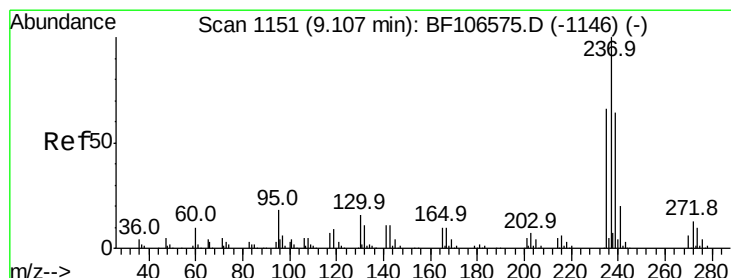
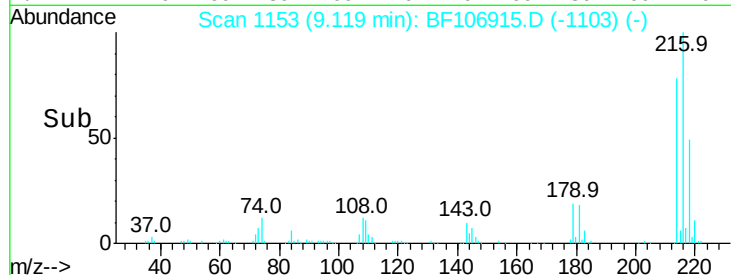
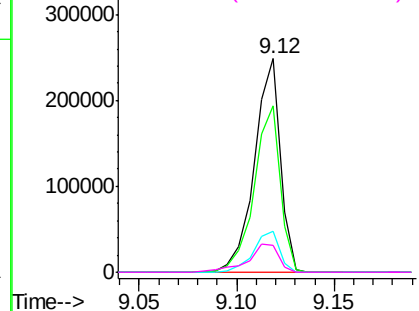
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.0	94.4
179	19.3	18.1	27.1
108	15.8	17.2	25.8

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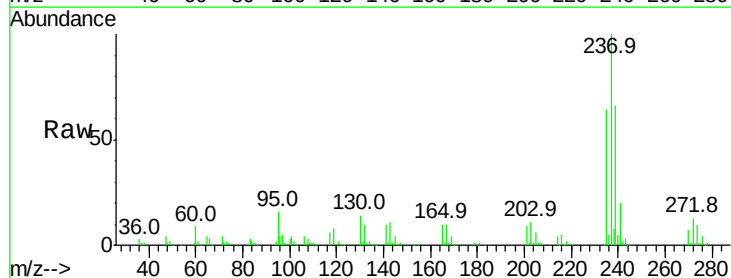


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

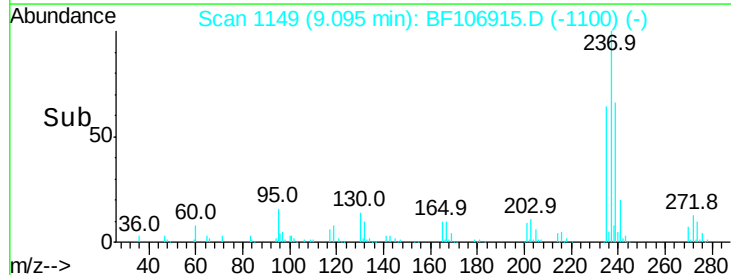
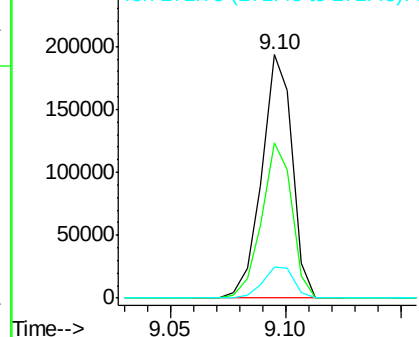


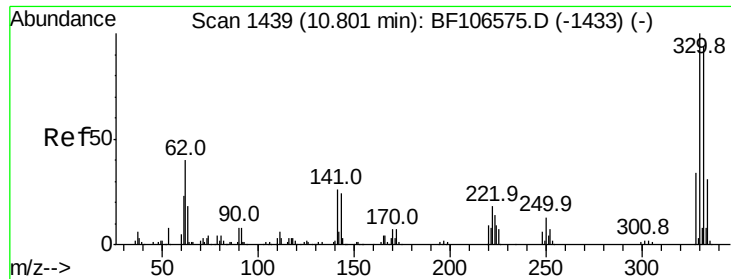
#40
 Hexachlorocyclopentadiene
 Concen: 68.384 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	44.8	84.8
272	13.0	0.0	33.3



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





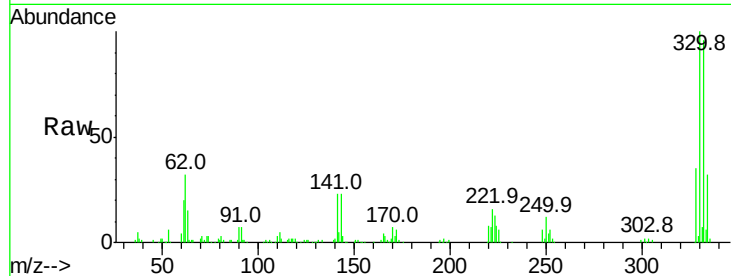
#41
 2,4,6-Tribromophenol
 Concen: 145.301 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

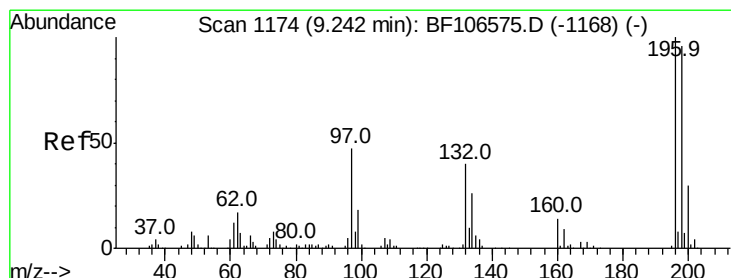
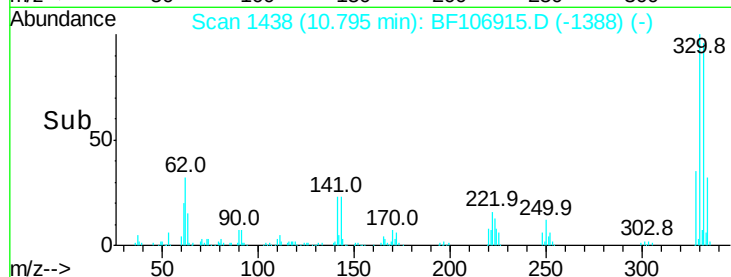
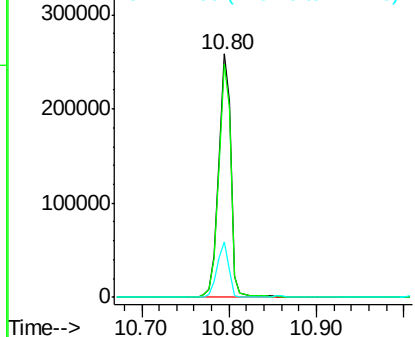
Tot Ion	Ratio	Resp	Lower	Upper
330	100	253503		
332	95.0	77.0	115.6	
141	21.9	29.9	44.9#	

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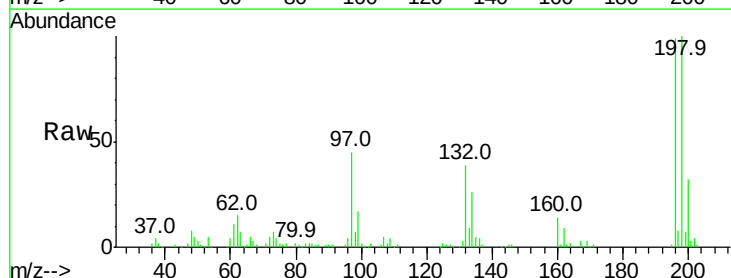


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

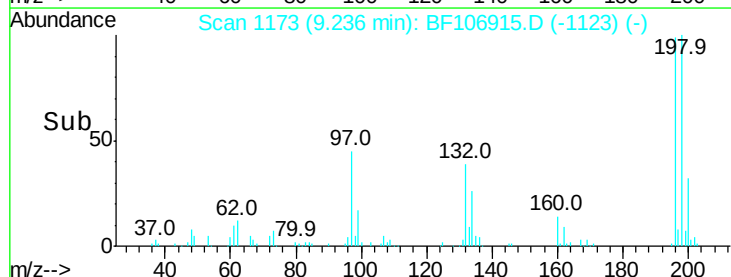
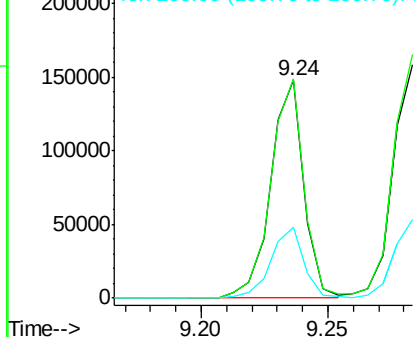


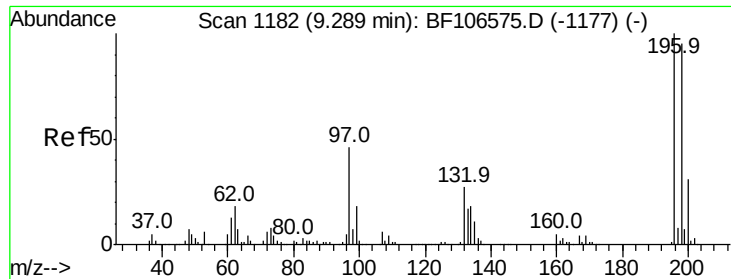
#42
 2,4,6-Trichlorophenol
 Concen: 40.271 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135701		
198	101.0	75.7	113.5	
200	32.3	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





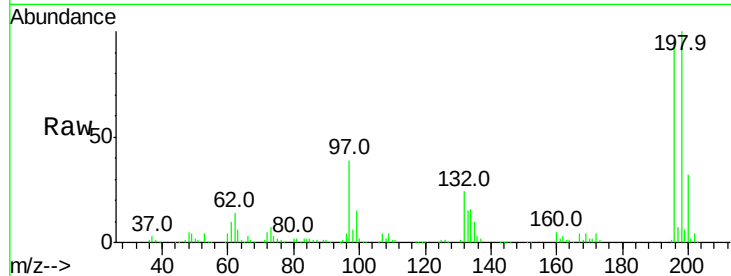
#43
 2,4,5-Trichlorophenol
 Concen: 39.411 ng m
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	138574		
198	104.3	74.6	112.0	
97	40.4	42.9	64.3	#
132	25.4	26.3	39.5	#

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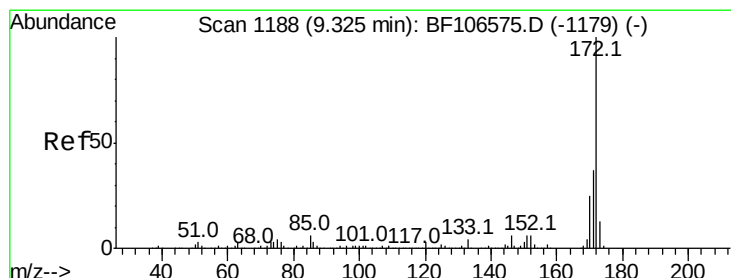
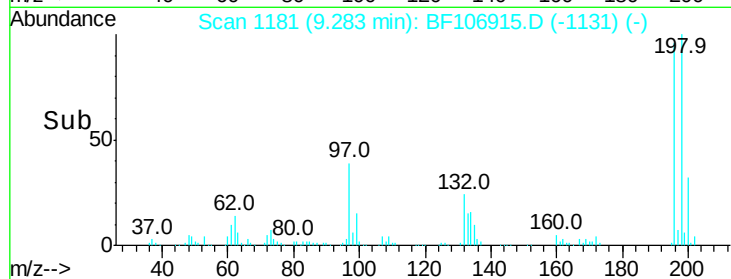
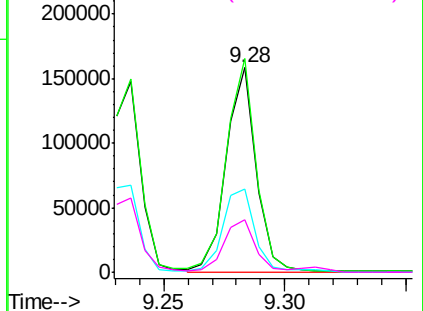
Abundance

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: 95.212 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

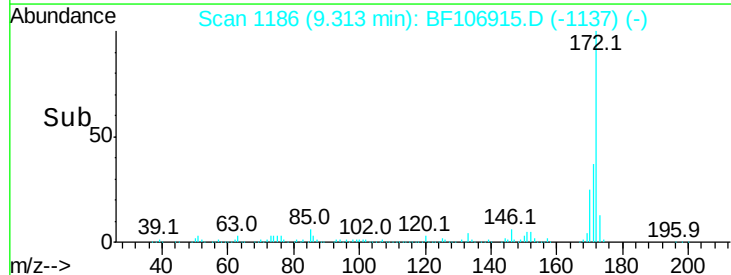
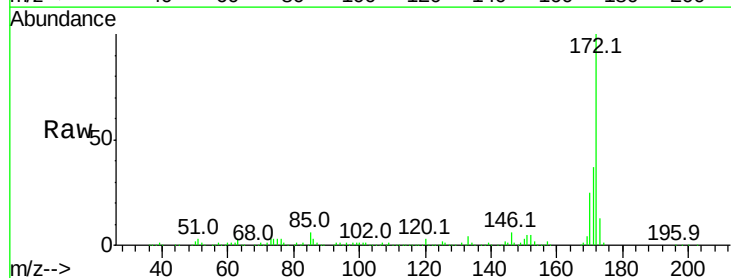
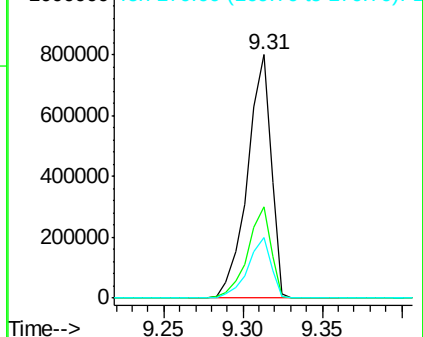
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	830984		
171	37.3	29.7	44.5	
170	24.9	19.6	29.4	

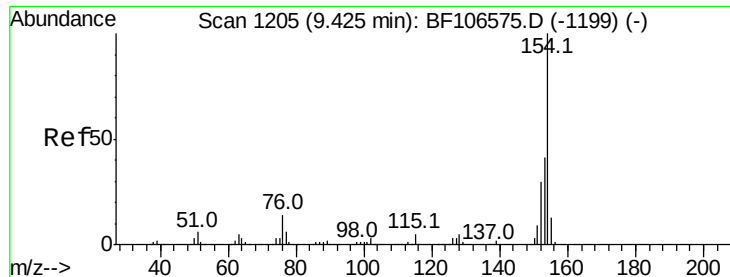
Abundance

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: 43.756 ng

RT: 9.41 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

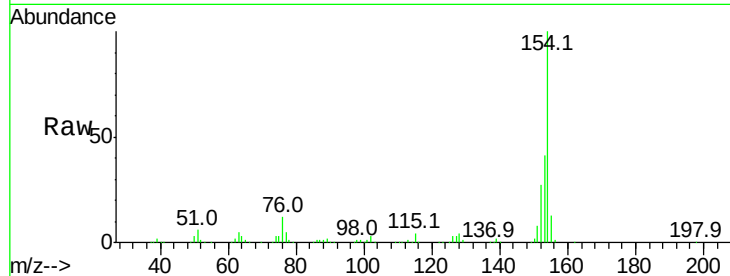
ClientSampleId :

PB110625BSD

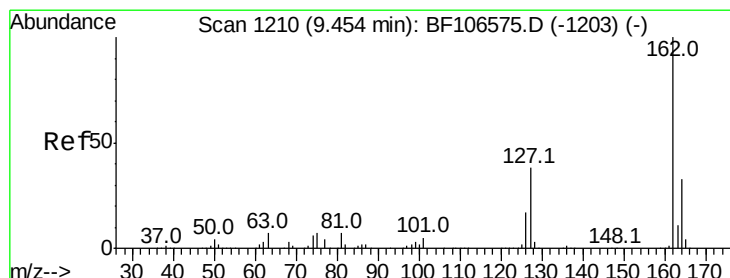
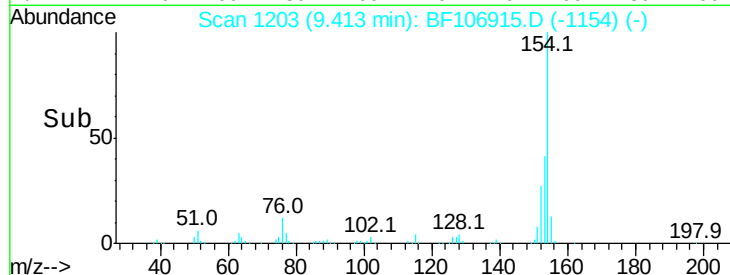
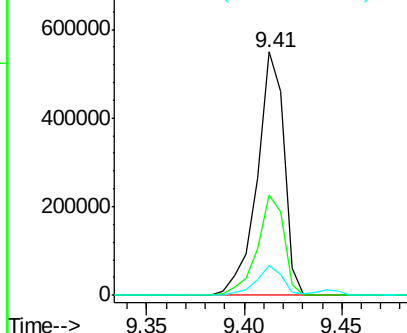
Tot Ion:	154	Resp:	524913
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	12.3	0.0	34.0

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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: 41.011 ng

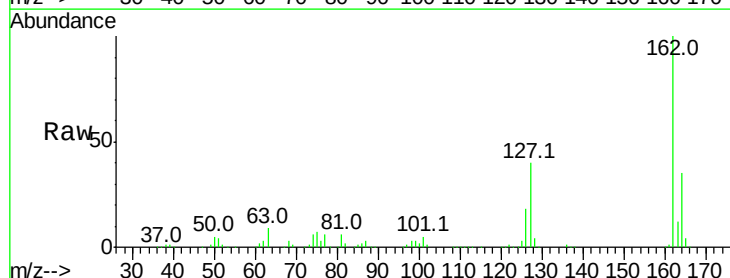
RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

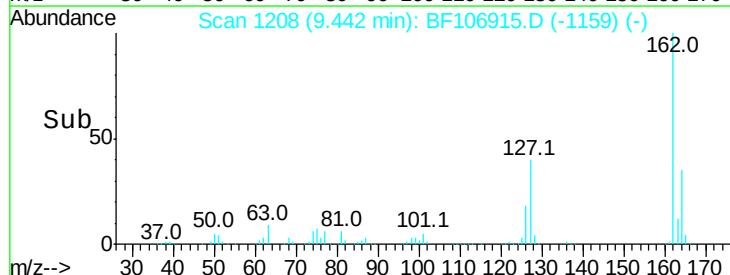
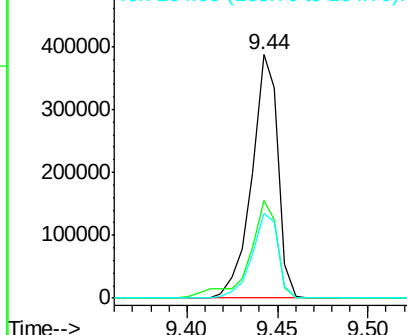
Lab File: BF106915.D

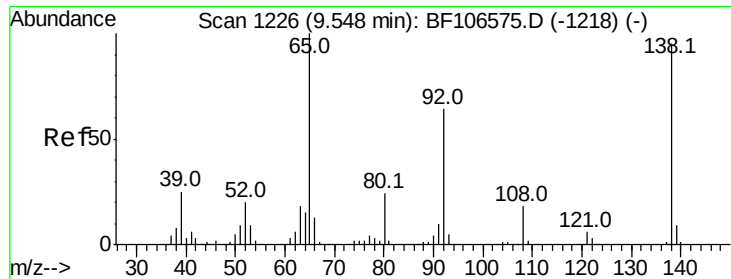
Acq: 28 Jun 2018 12:50

Tgt Ion:	162	Resp:	387268
Ion Ratio	Lower	Upper	
162	100		
127	39.9	33.9	50.9
164	35.0	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





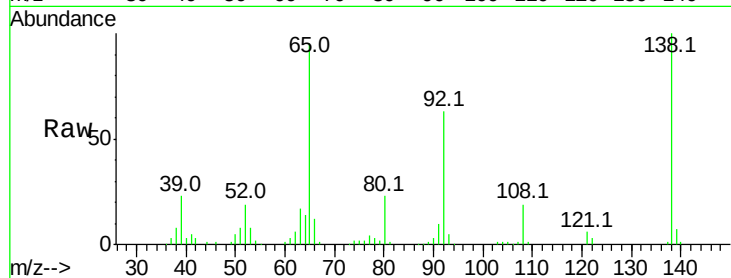
#47
2-Nitroaniline
Concen: 37.363 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

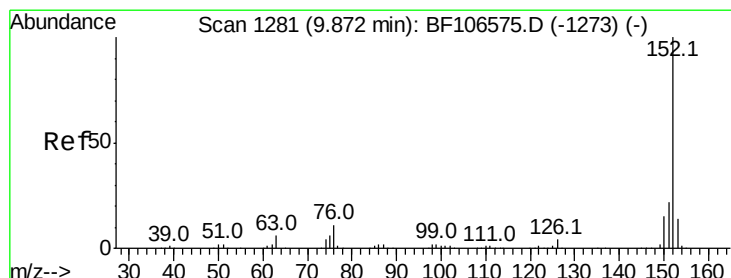
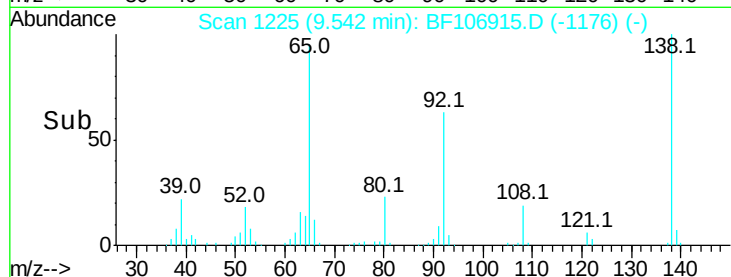
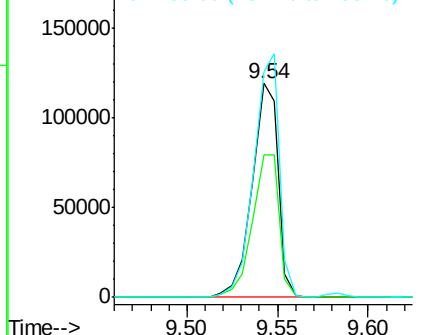
Tot Ion	Ratio	Lower	Upper
65	100		
92	66.7	55.8	83.6
138	105.7	91.2	136.8

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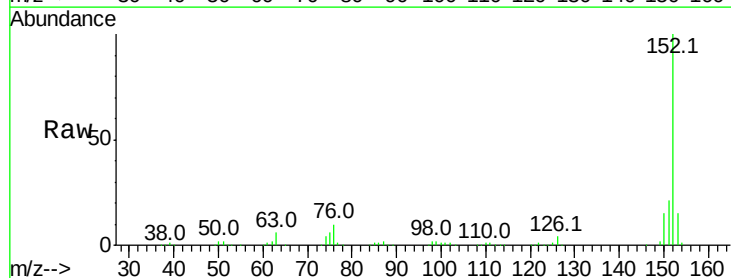


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

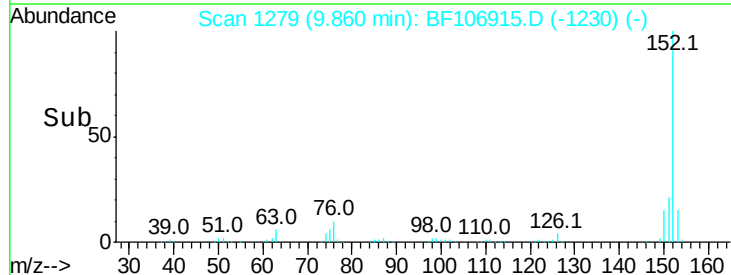
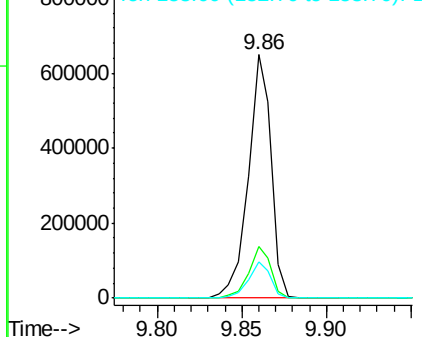


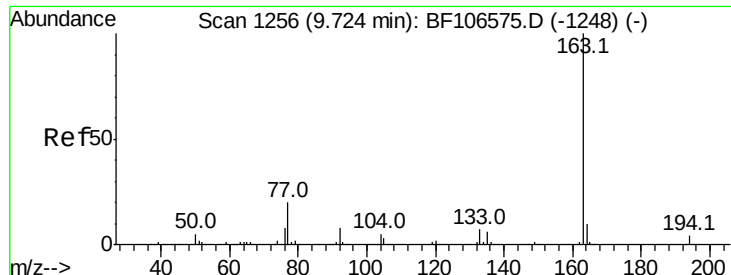
#48
Acenaphthylene
Concen: 41.156 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	14.8	10.7	16.1



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





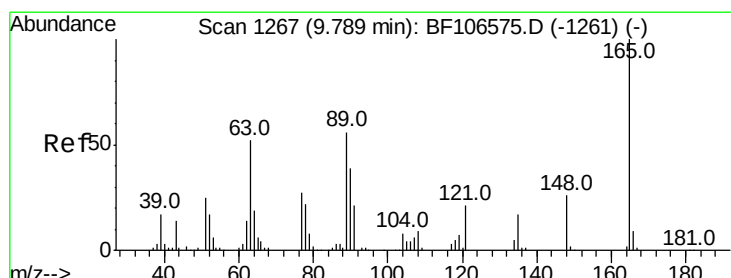
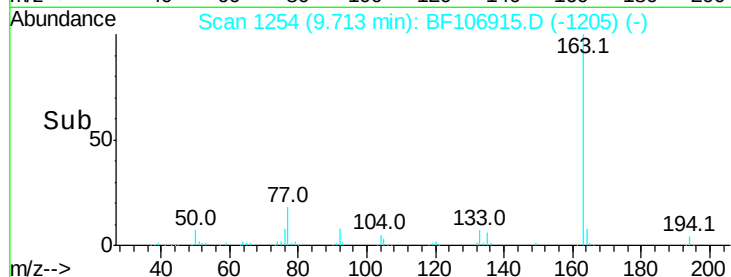
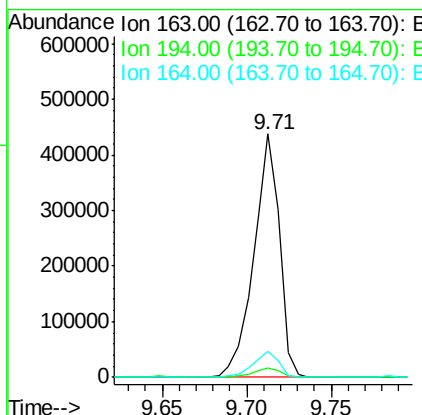
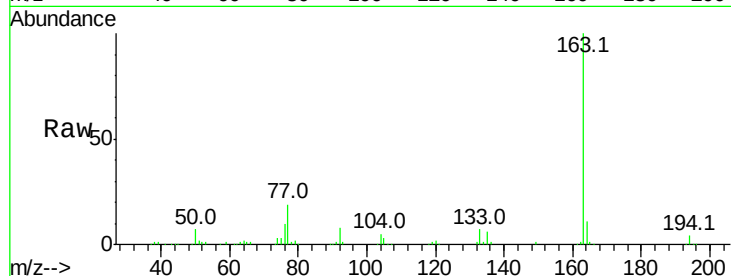
#49
 Dimethylphthalate
 Concen: 40.976 ng
 RT: 9.71 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.9	8.2	12.2	

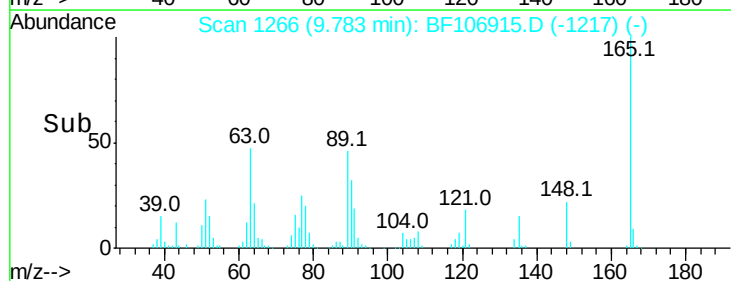
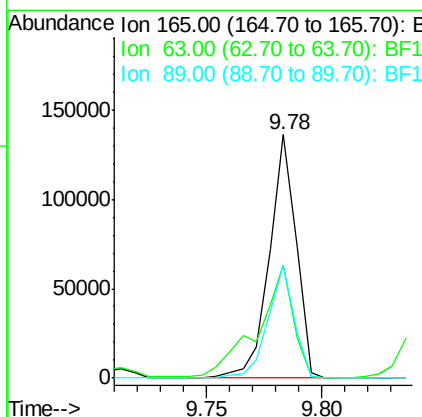
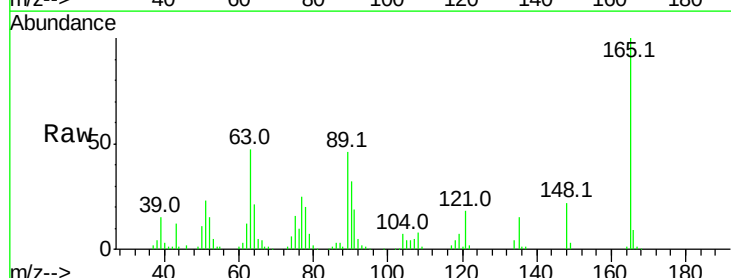
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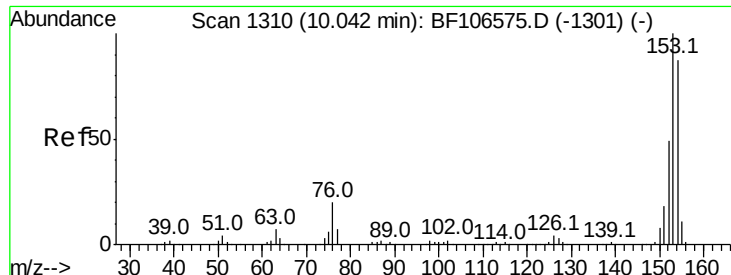
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#50
 2,6-Dinitrotoluene
 Concen: 45.824 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.5	44.7	67.1	
89	46.4	44.0	66.0	





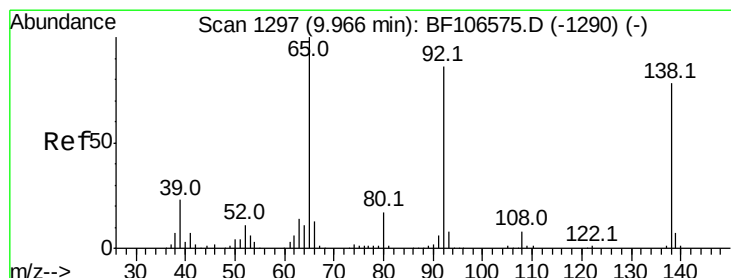
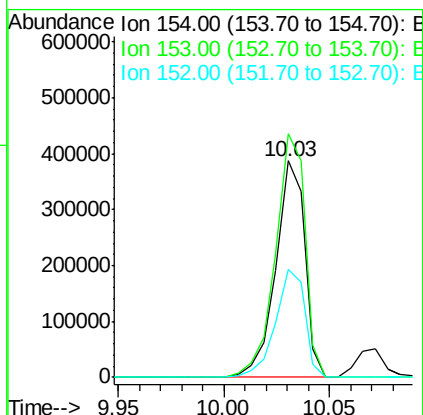
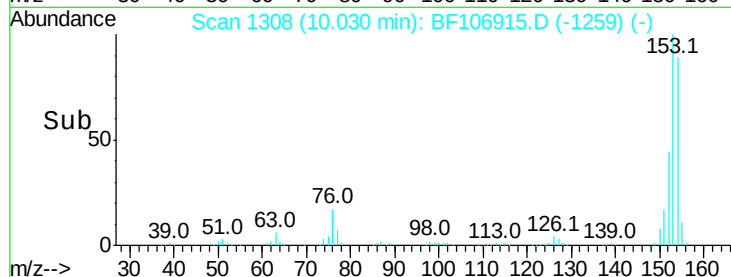
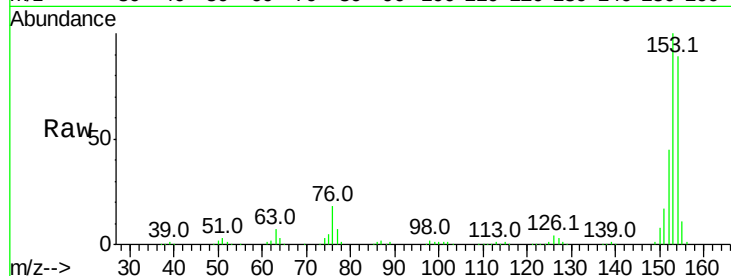
#51
Acenaphthene
Concen: 39.742 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	50.2	43.8	65.8

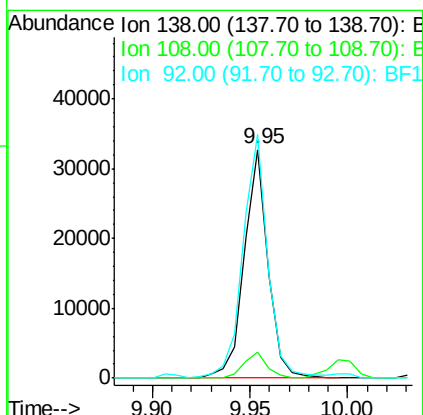
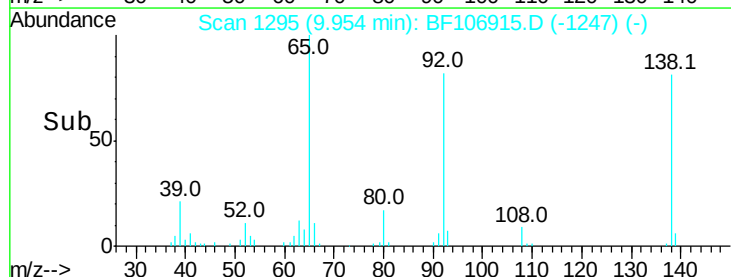
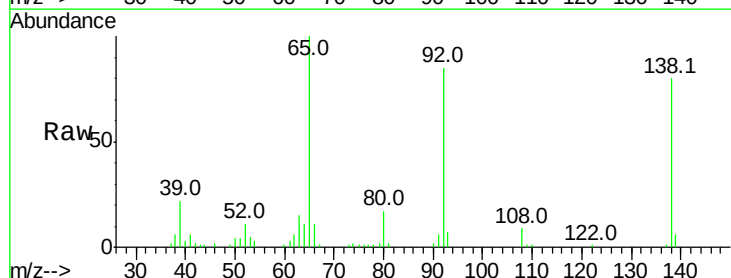
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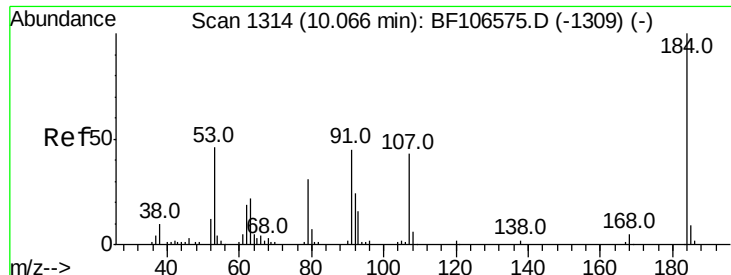
Sohil
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#52
3-Nitroaniline
Concen: 10.088 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.4	14.0
92	106.5	89.4	134.2





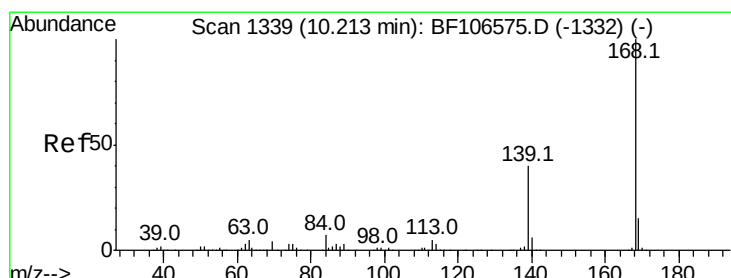
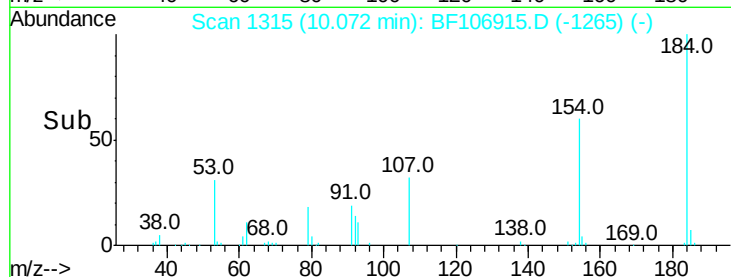
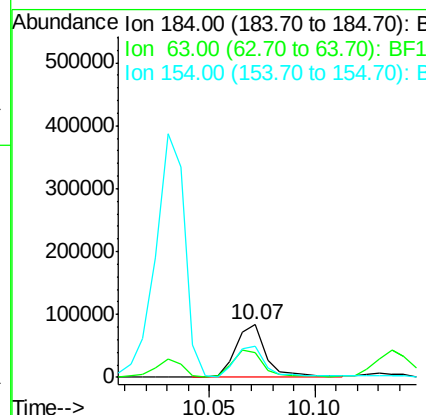
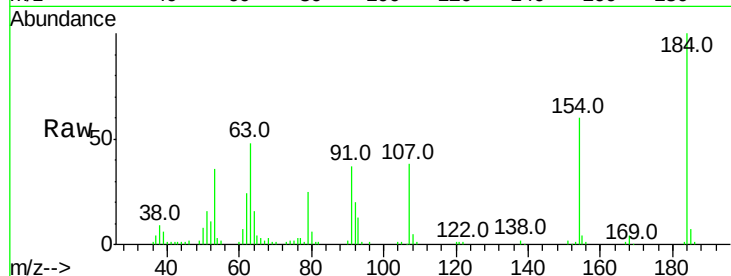
#53
 2,4-Dinitrophenol
 Concen: 67.864 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampled :
 PB110625BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	47.9	54.2	81.2#
154	60.5	184.0	276.0#

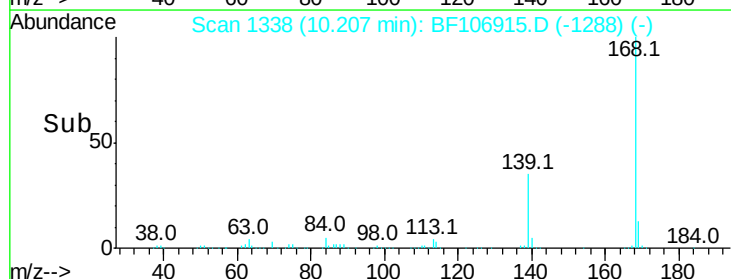
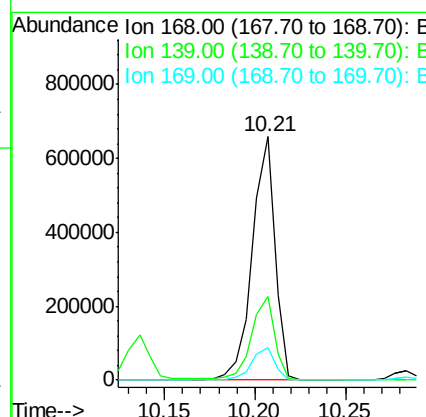
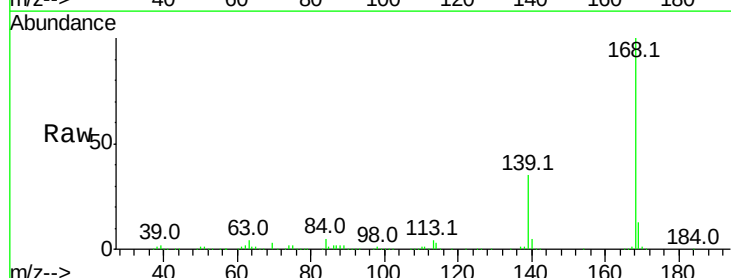
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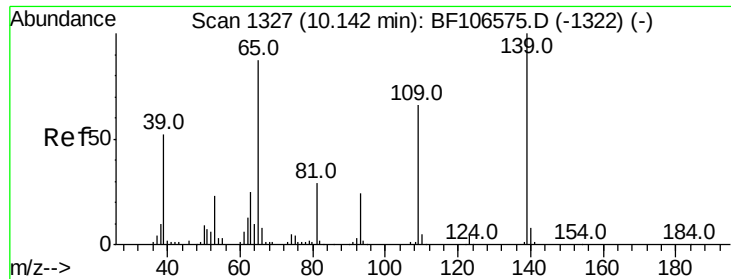
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#54
 Dibenzofuran
 Concen: 44.790 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.6	30.1	45.1
169	13.1	10.9	16.3





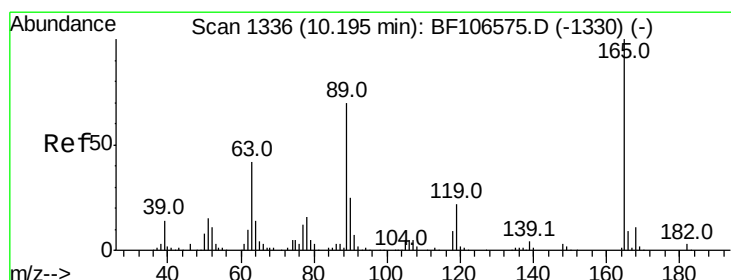
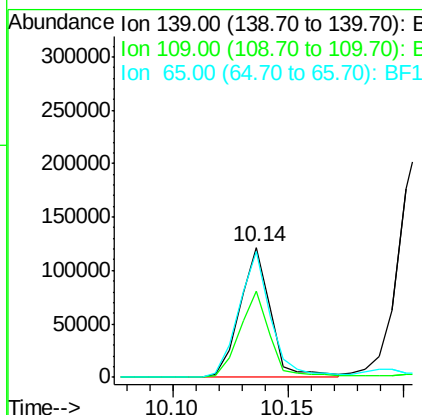
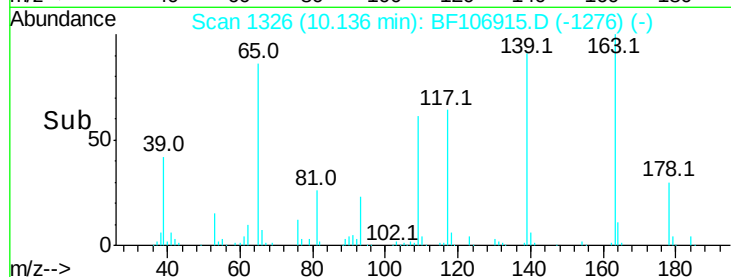
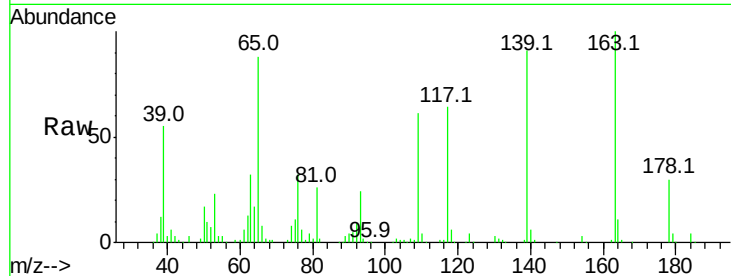
#55
4-Nitrophenol
Concen: 58.842 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.5	48.4	88.4	
65	96.6	72.6	112.6	

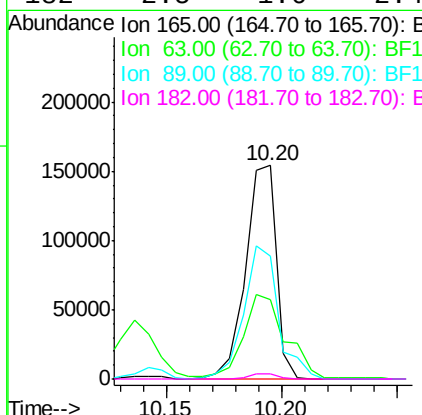
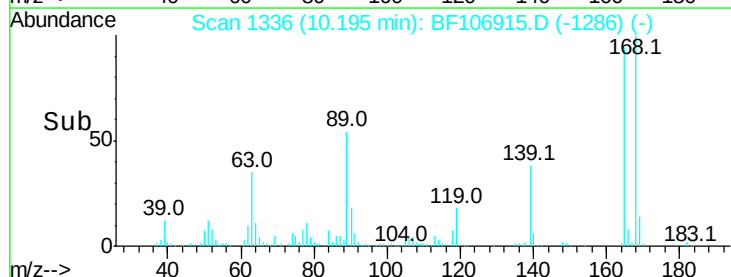
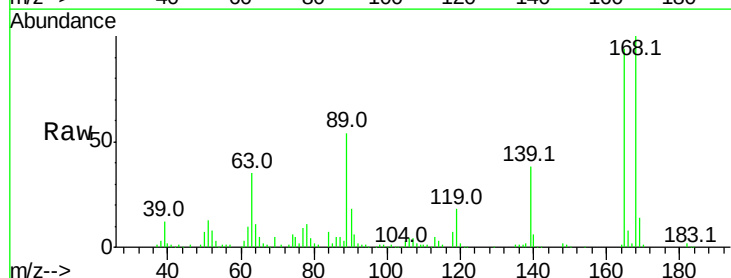
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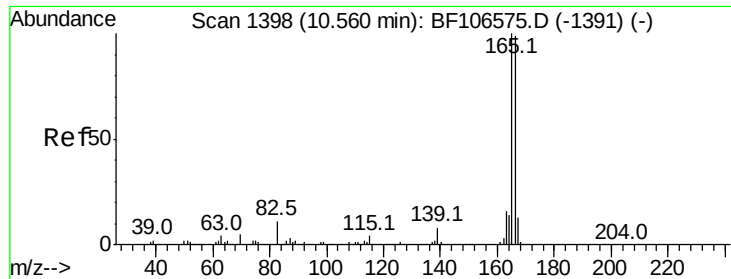
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.319 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.3	36.4	54.6	
89	57.4	57.8	86.6#	
182	2.5	1.6	2.4#	





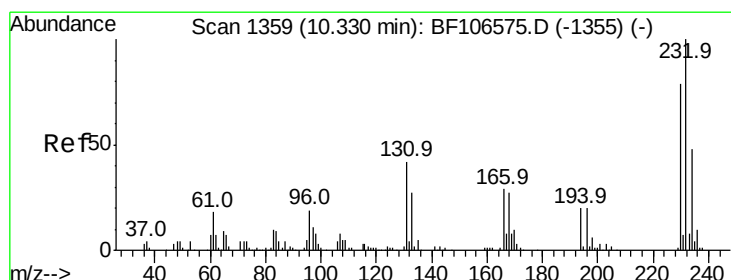
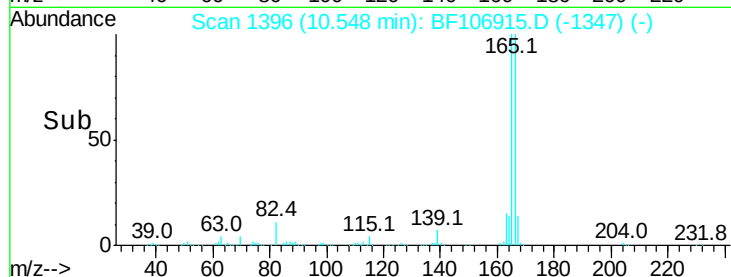
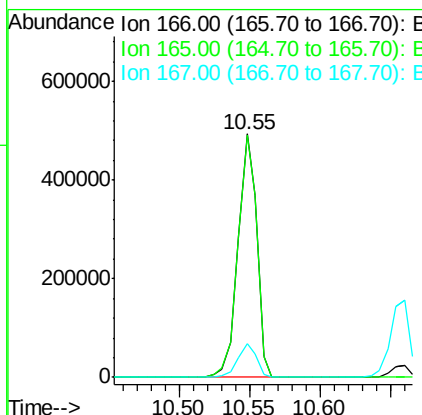
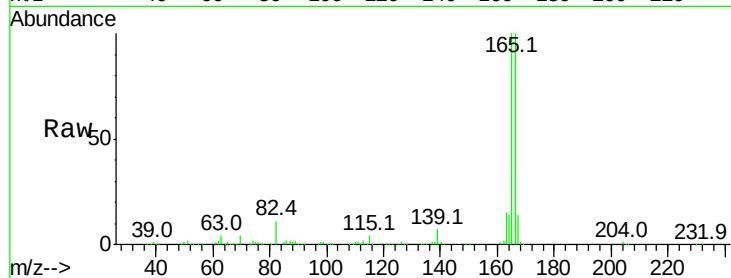
#57
 Fluorene
 Concen: 44.522 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	454165		
165	99.8	79.8	119.8	
167	13.8	10.6	16.0	

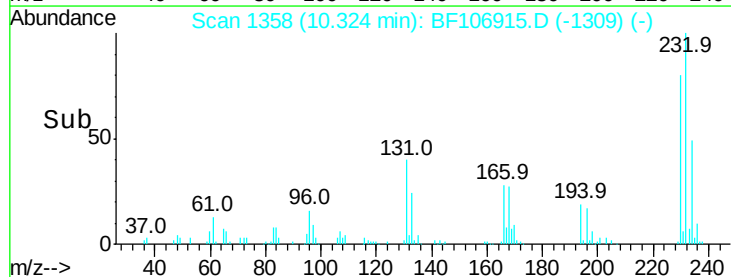
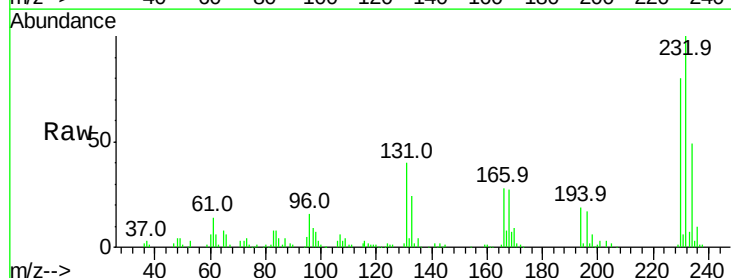
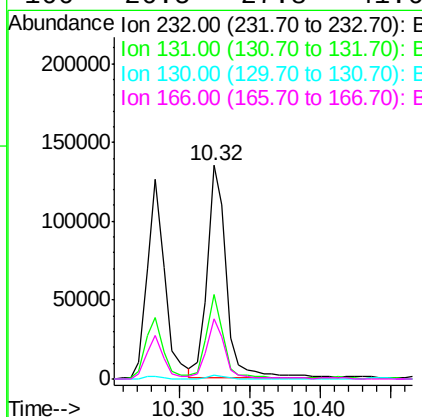
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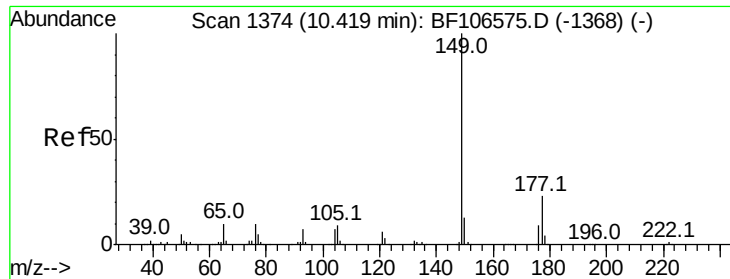
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.048 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	125912		
131	35.5	43.8	65.8#	
130	1.6	2.1	3.1#	
166	26.5	27.8	41.6#	





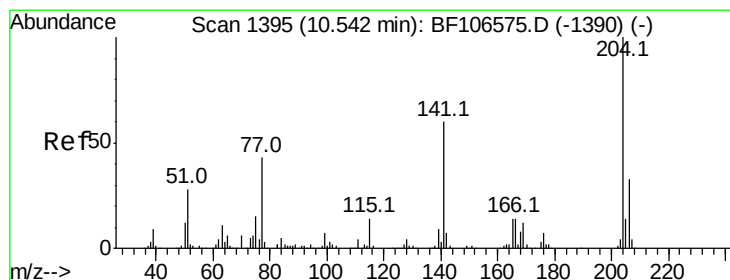
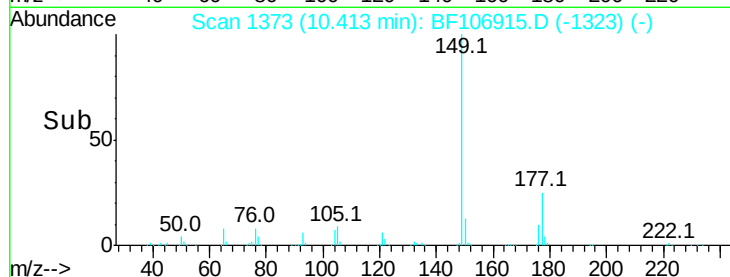
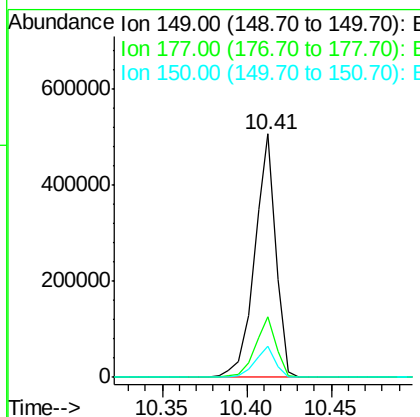
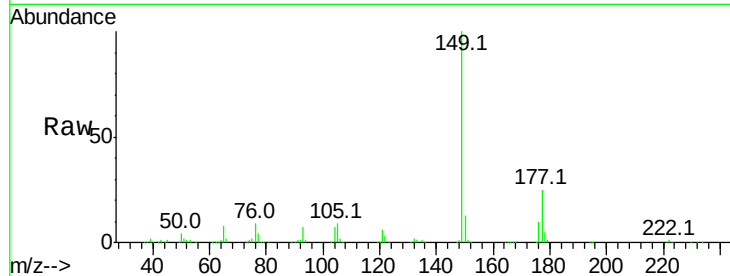
#59
Diethylphthalate
Concen: 40.587 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	16.1	24.1#
150	12.6	10.1	15.1

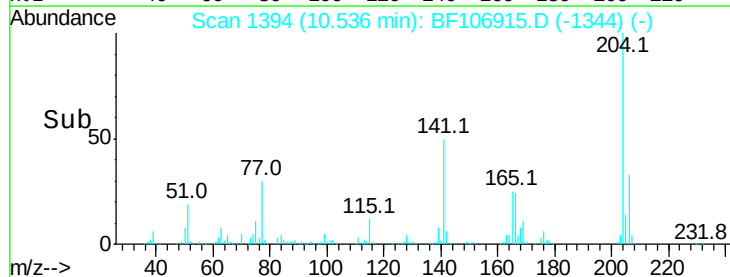
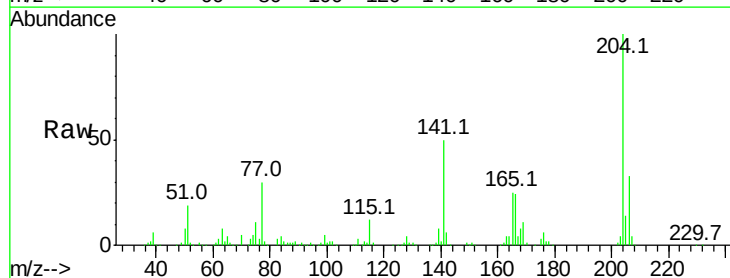
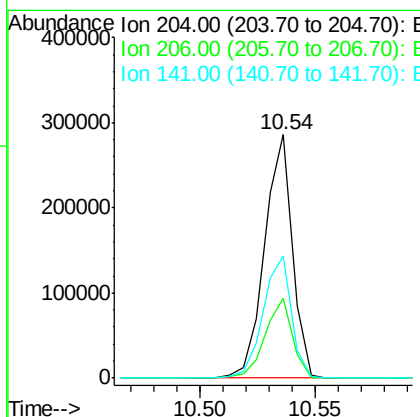
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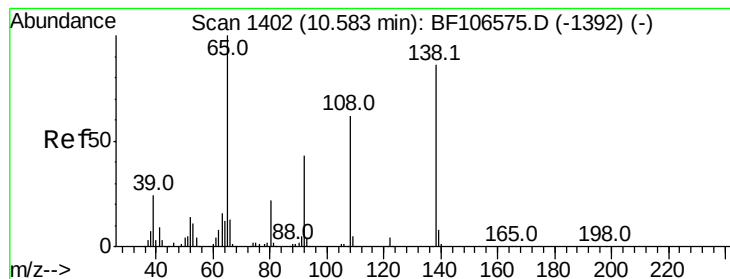
Sohil
6/29/2018 2:30:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.761 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	50.0	54.6	81.8#





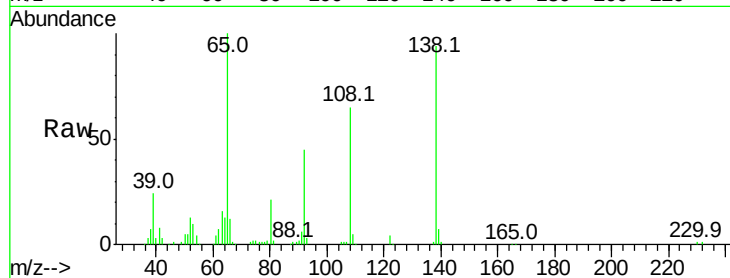
#61
4-Nitroaniline
Concen: 38.732 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

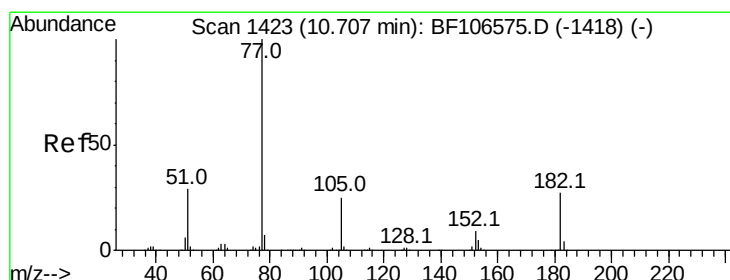
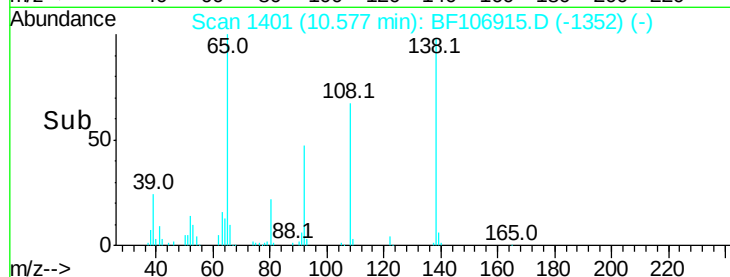
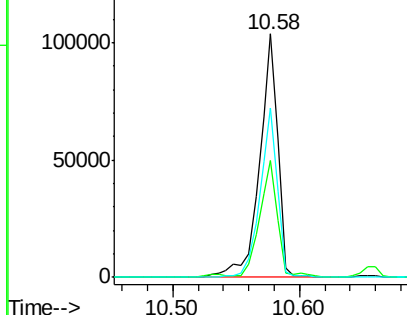
Tot Ion	Ratio	Lower	Upper
138	100		
92	47.9	30.2	70.2
108	69.5	52.5	92.5

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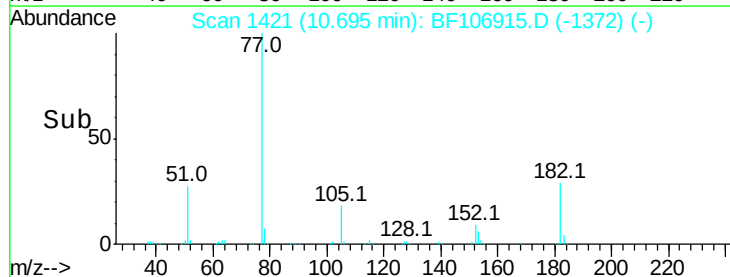
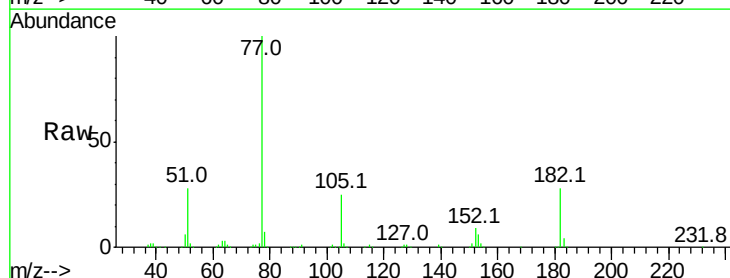
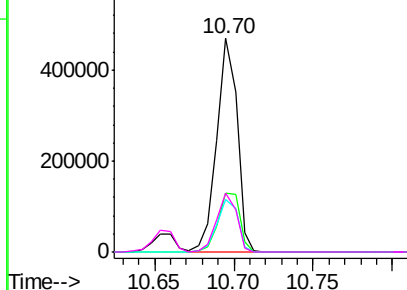
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

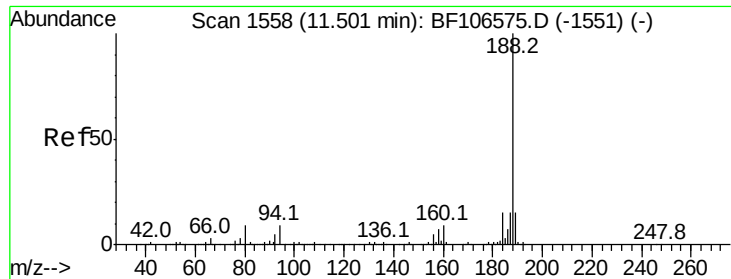


#62
Azobenzene
Concen: 38.974 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	1.7	41.7
105	24.9	3.0	43.0
51	27.8	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





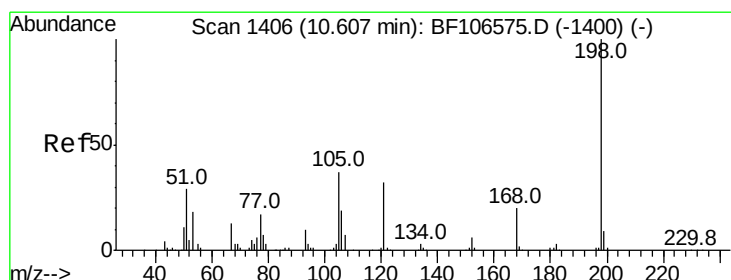
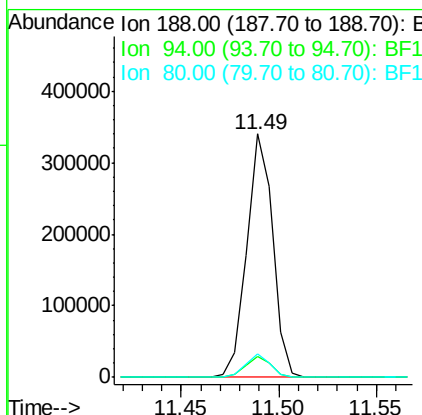
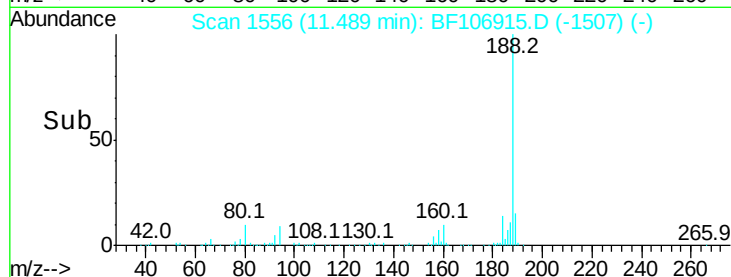
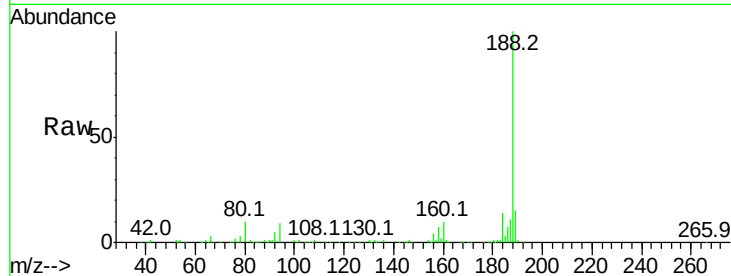
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	314105		
94	8.8		8.5	12.7
80	9.7		9.2	13.8

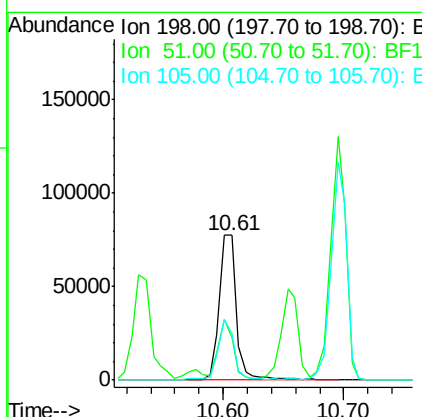
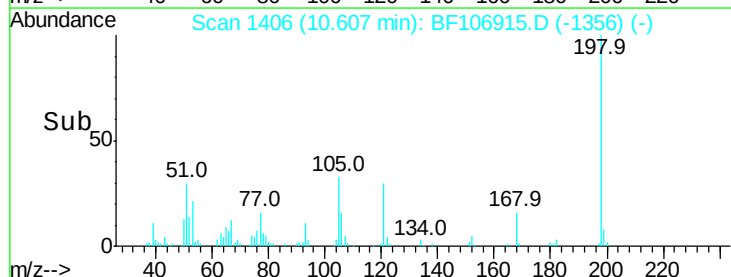
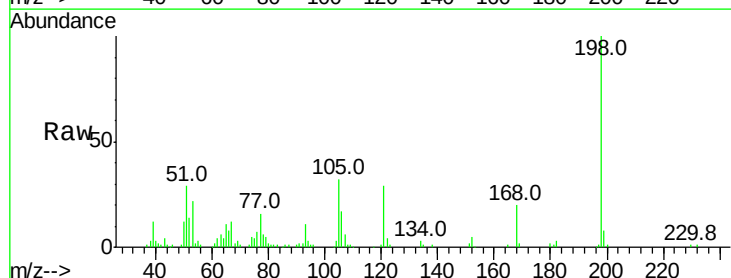
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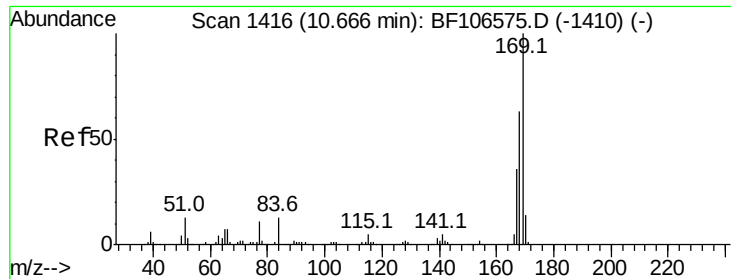
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.937 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	75601		
51	29.4		37.7	77.7#
105	32.4		36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 37.725 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

ClientSampleId :

PB110625BSD

Tot Ion:169 Resp: 398568

Ion Ratio Lower Upper

169 100

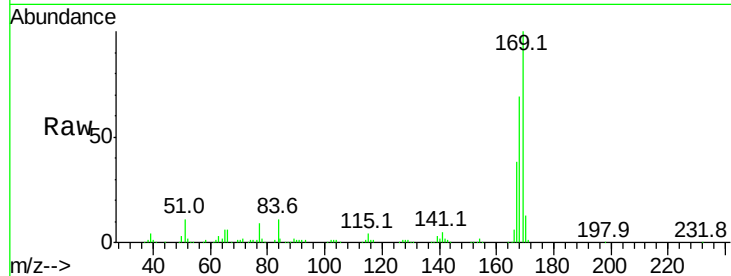
168 68.8 54.4 81.6

167 37.9 29.8 44.6

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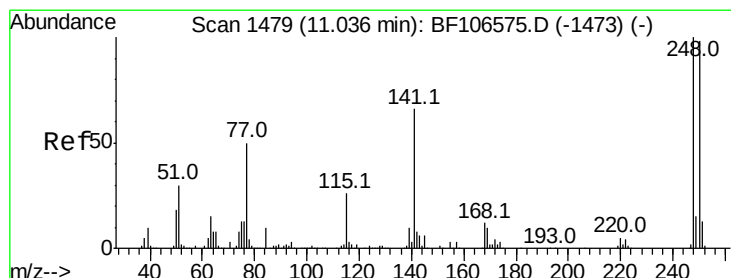
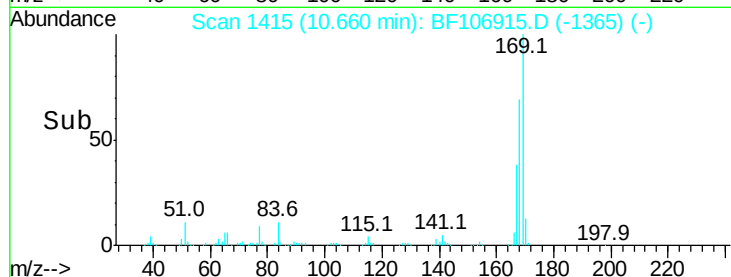
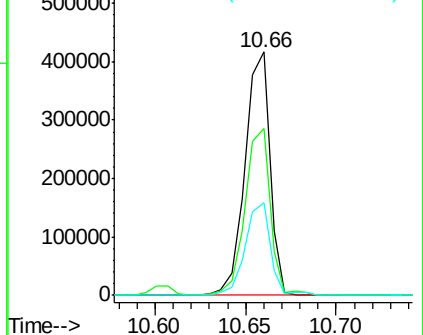
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.219 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

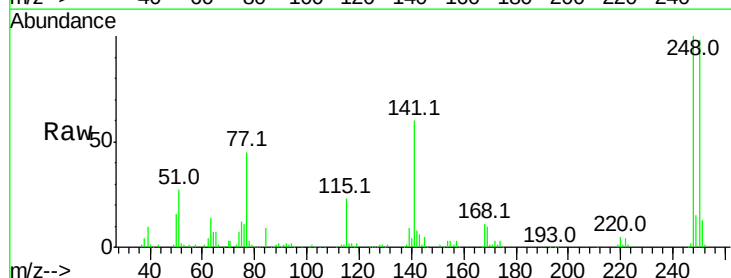
Tgt Ion:248 Resp: 165762

Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

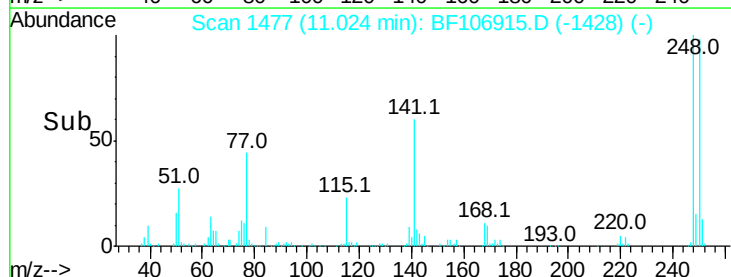
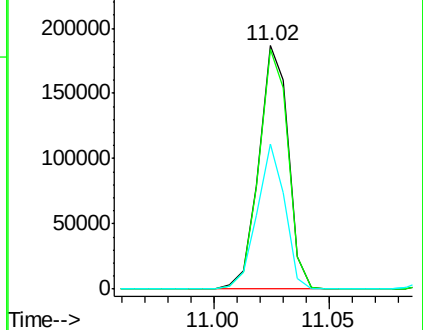
141 59.6 74.4 111.6#

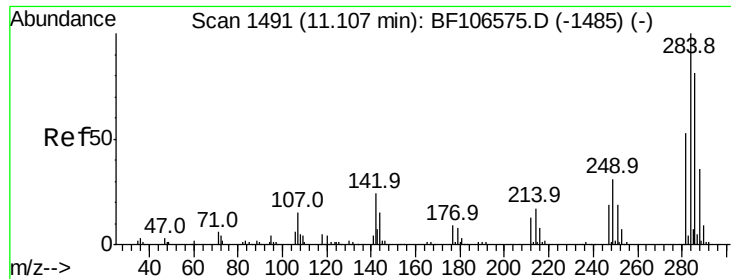


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.337 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

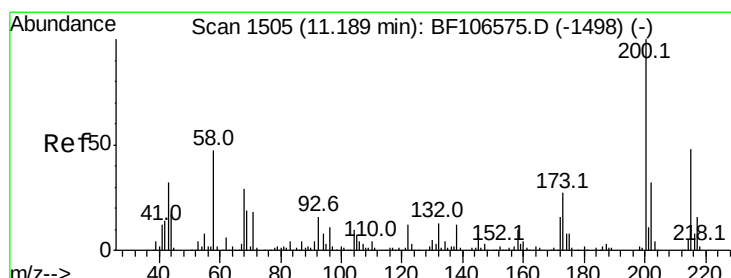
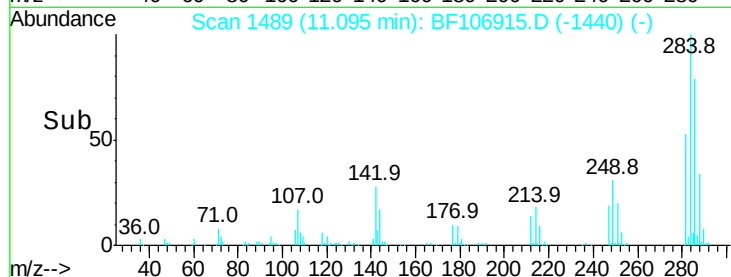
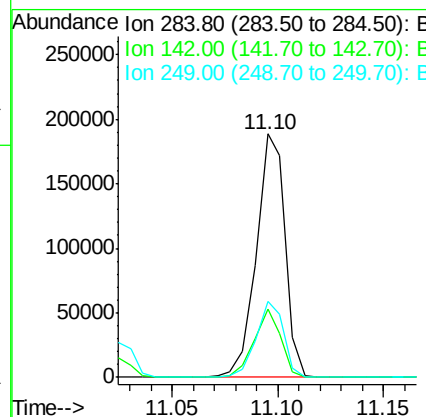
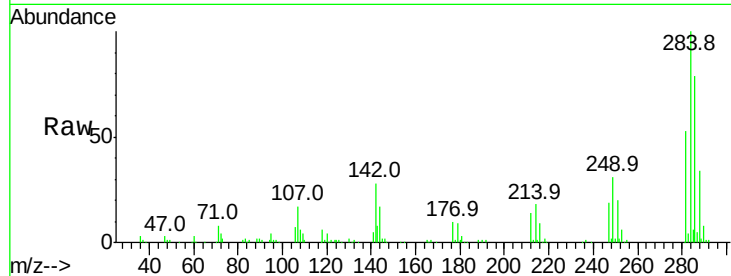
ClientSampleId :

PB110625BSD

Tot Ion:	284	Resp:	177878
Ion Ratio	Lower	Upper	
284	100		
142	28.3	34.6	52.0#
249	31.3	24.8	37.2

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#68

Atrazine

Concen: 44.816 ng

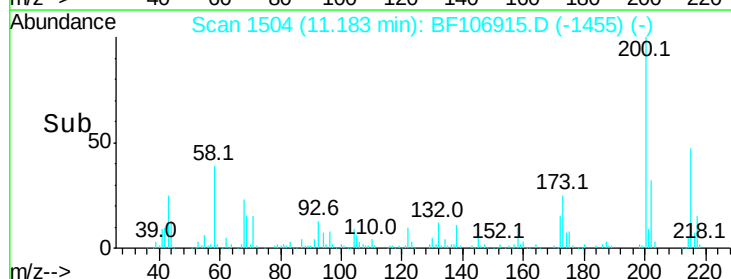
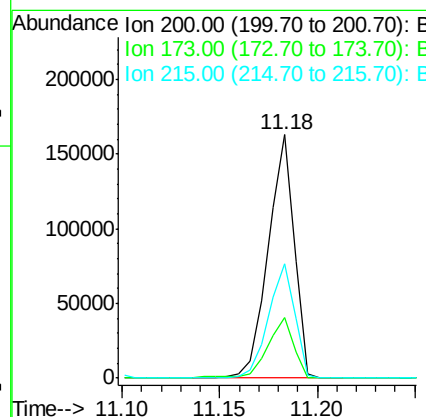
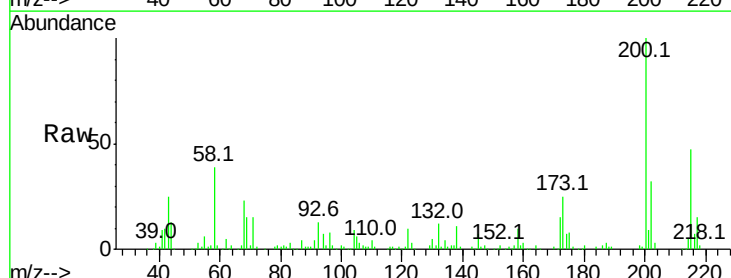
RT: 11.18 min Scan# 1504

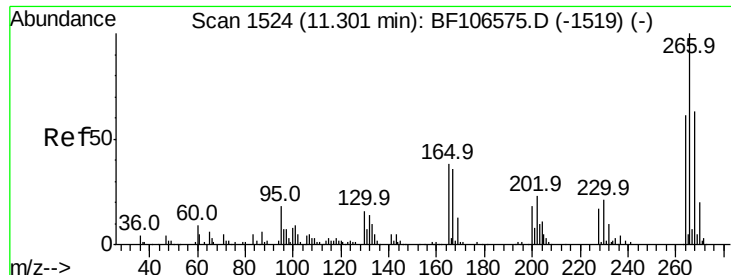
Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	200	Resp:	150520
Ion Ratio	Lower	Upper	
200	100		
173	24.9	8.6	48.6
215	47.2	25.1	65.1





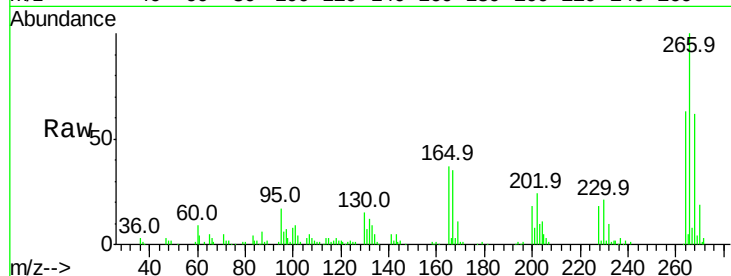
#69
 Pentachlorophenol
 Concen: 58.238 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

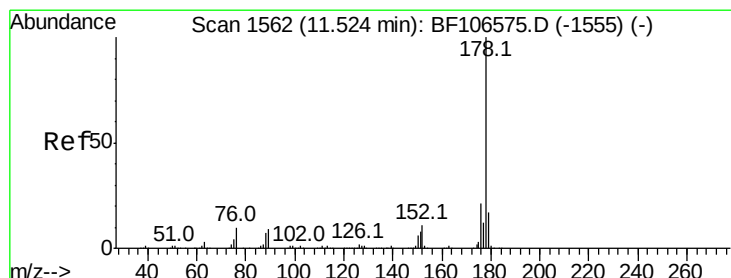
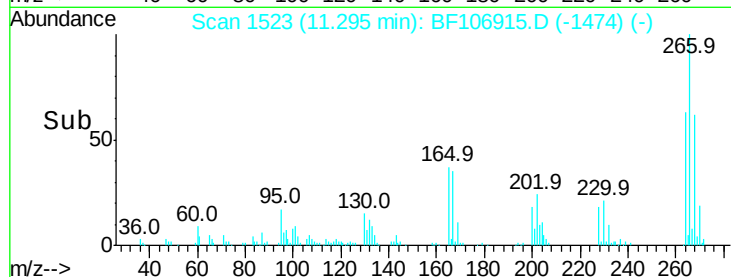
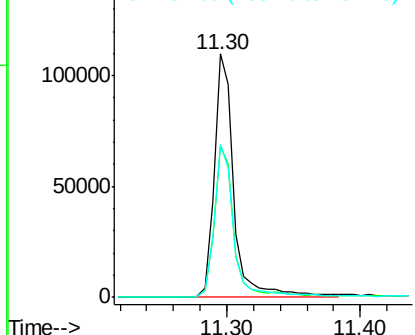
Tot Ion	Ratio	Resp	Lower	Upper
266	100	114011		
268	62.0		51.1	76.7
264	62.6		49.5	74.3

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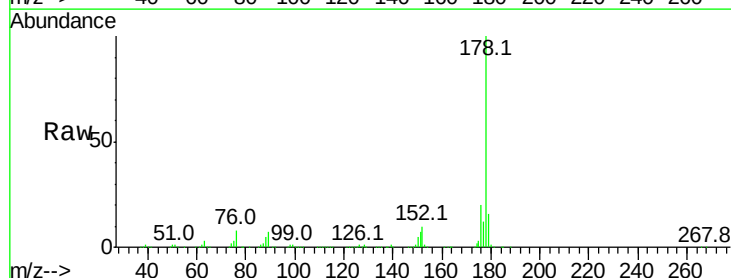


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

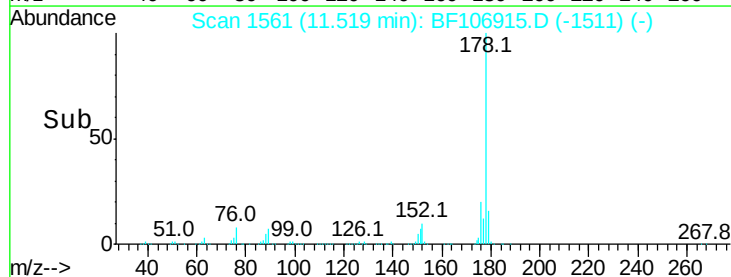
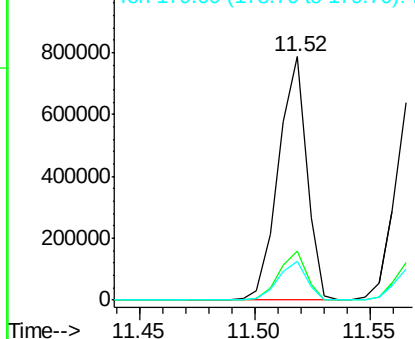


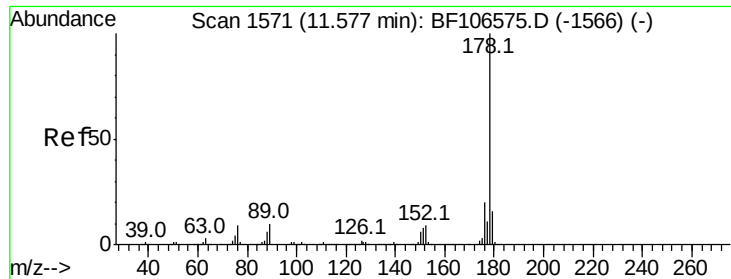
#70
 Phenanthrene
 Concen: 44.275 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	670764		
176	20.1		15.8	23.8
179	15.8		13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





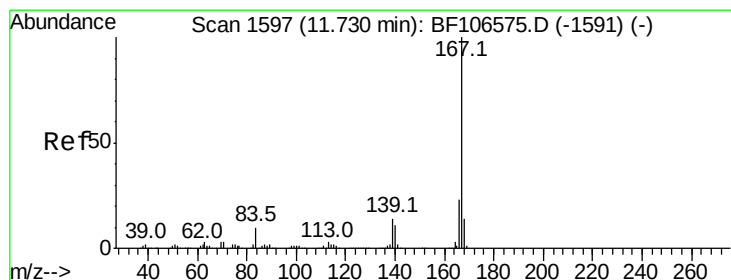
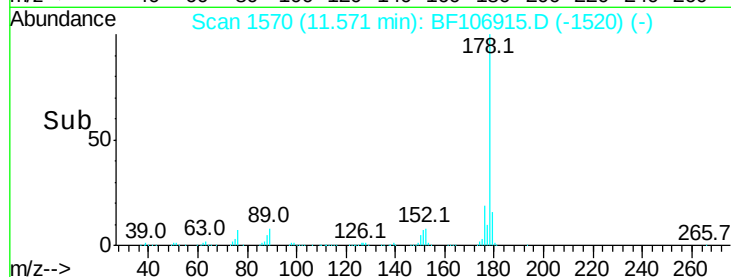
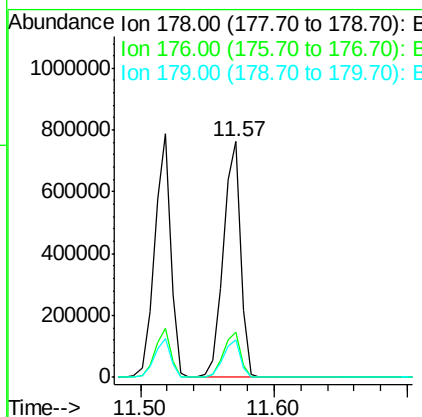
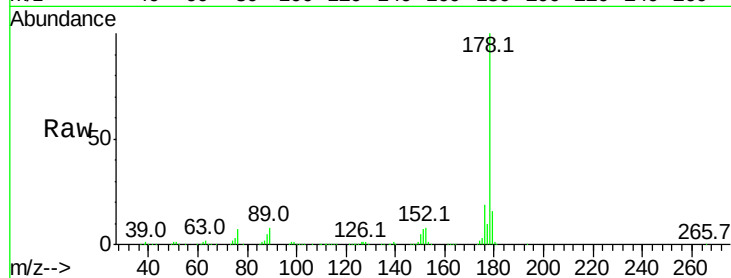
#71
 Anthracene
 Concen: 45.427 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.7	12.6	19.0

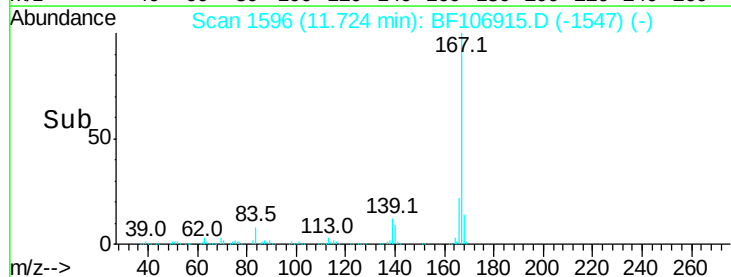
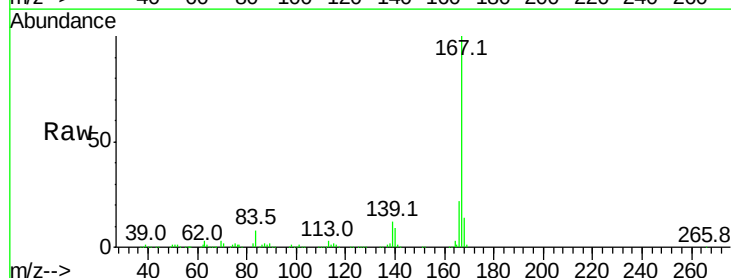
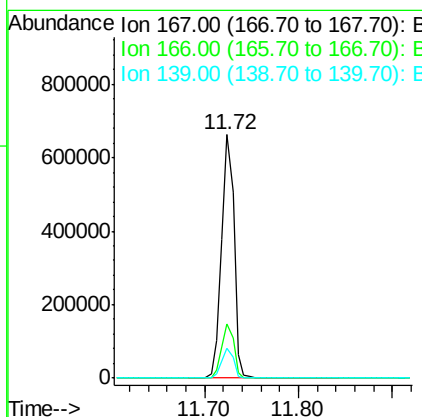
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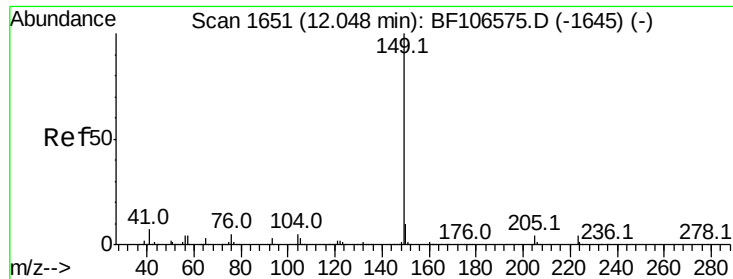
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#72
 Carbazole
 Concen: 42.672 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.884 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

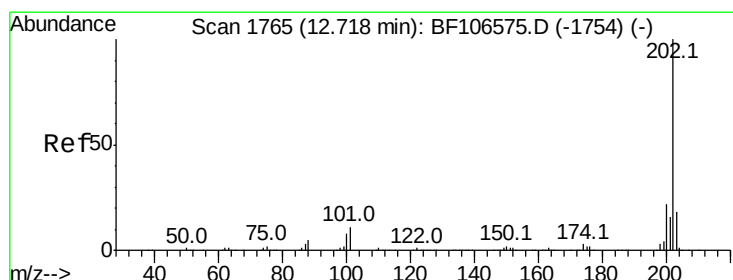
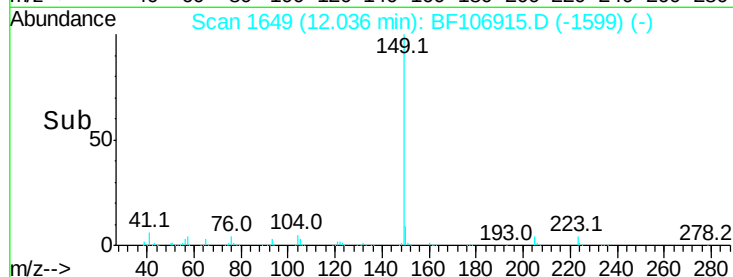
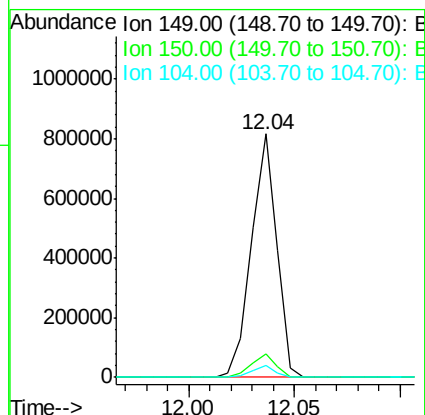
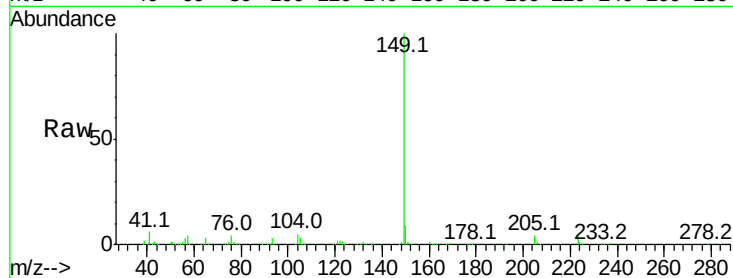
ClientSampled :

PB110625BSD

Tot Ion:	149	Resp:	680260
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 44.737 ng

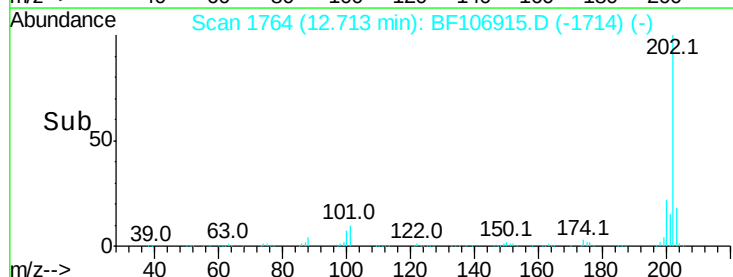
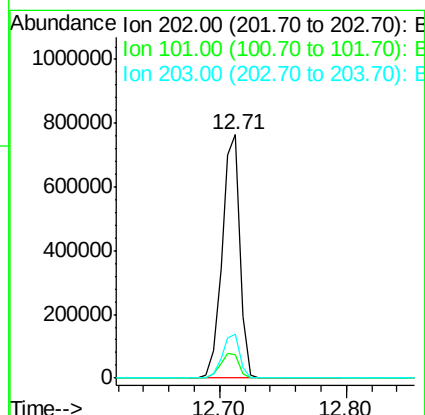
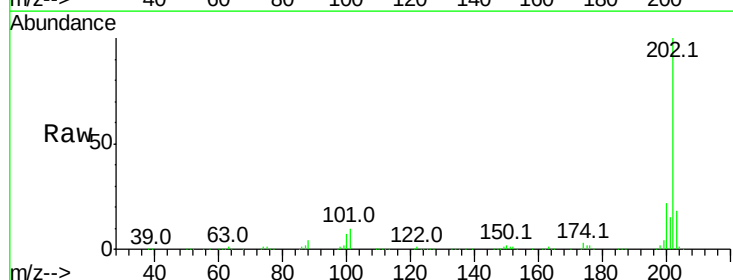
RT: 12.71 min Scan# 1764

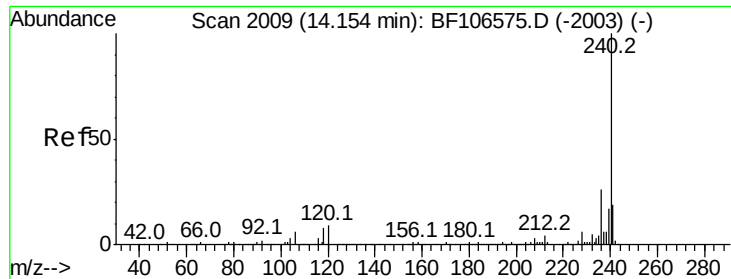
Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Tgt Ion:	202	Resp:	747035
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

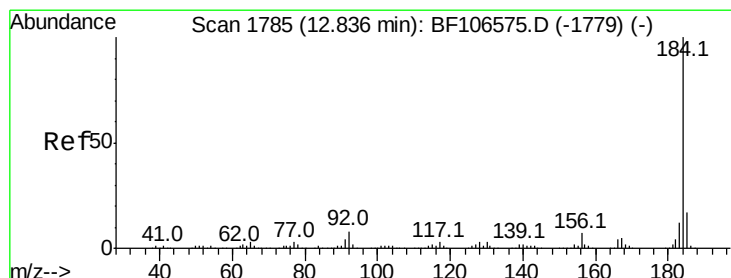
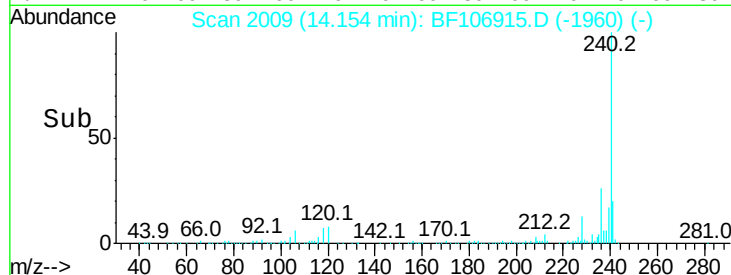
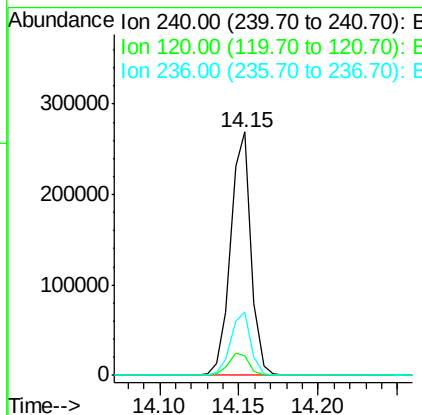
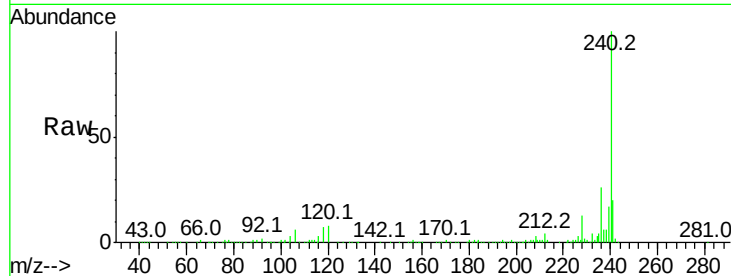
ClientSampleId :

PB110625BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 33.196 ng

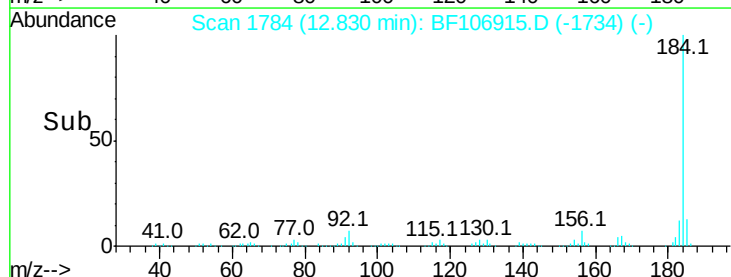
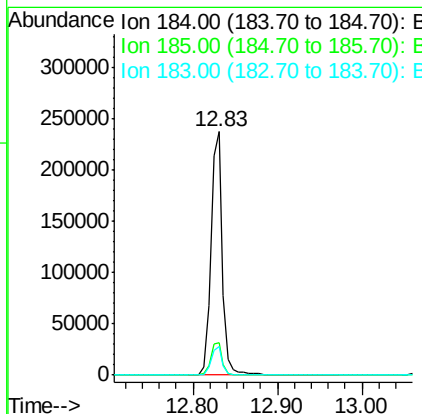
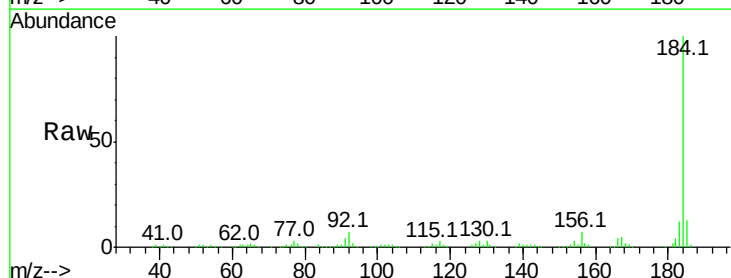
RT: 12.83 min Scan# 1784

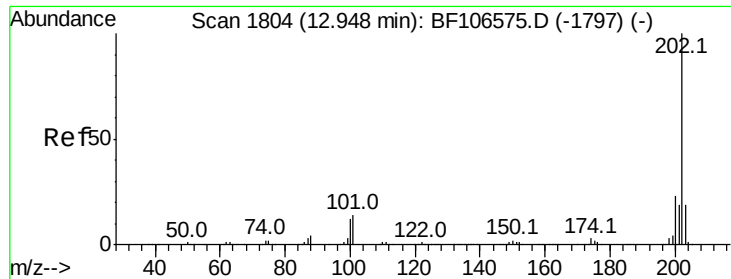
Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.2	12.6	18.8
183	11.5	9.3	13.9





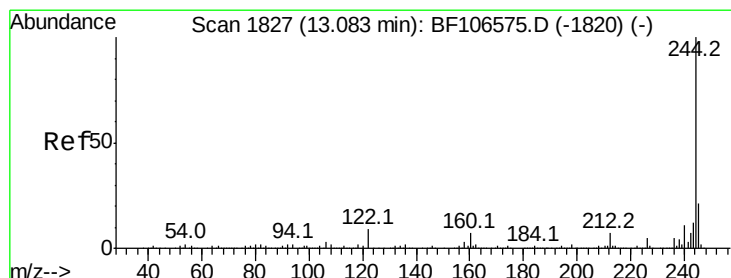
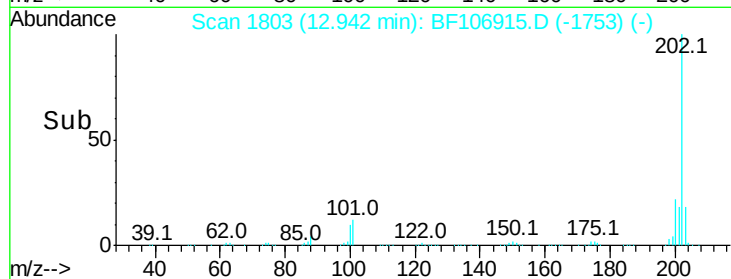
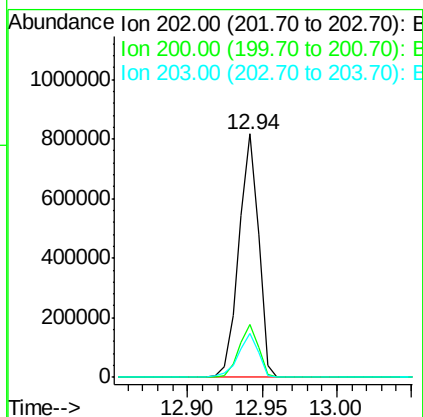
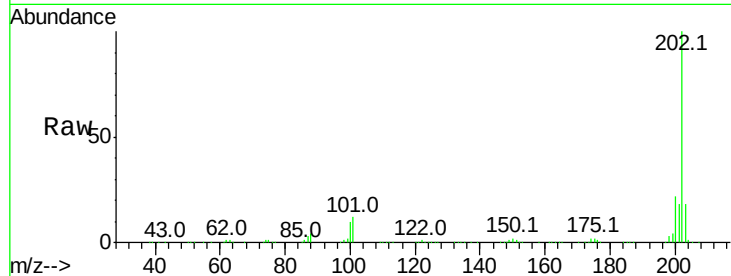
#77
Pvrene
Concen: 47.584 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

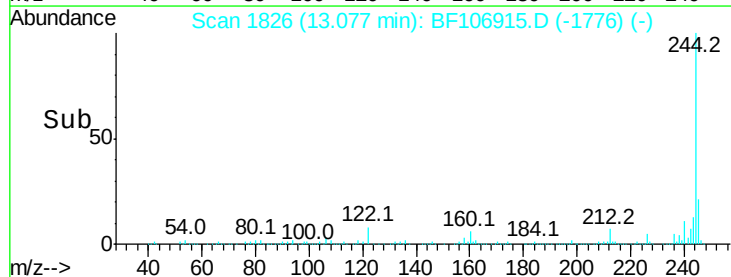
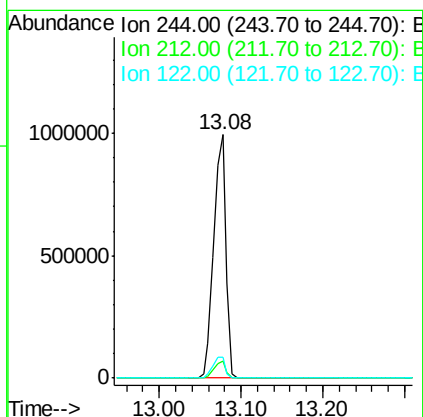
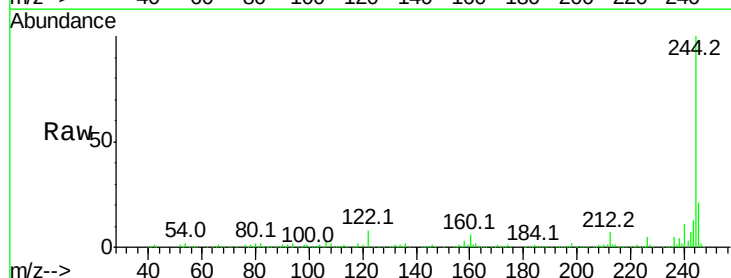
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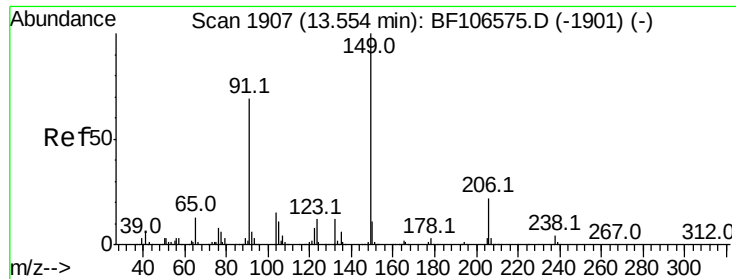
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#78
Terphenyl-d14
Concen: 104.733 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	8.5	11.0	16.4#





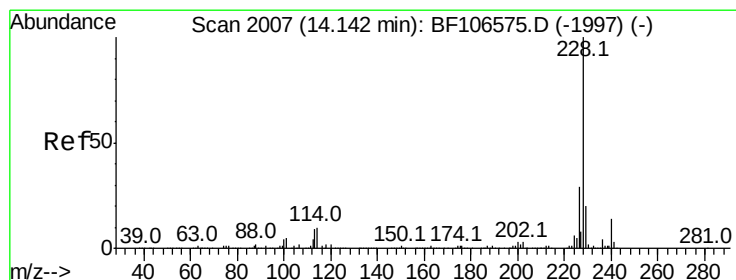
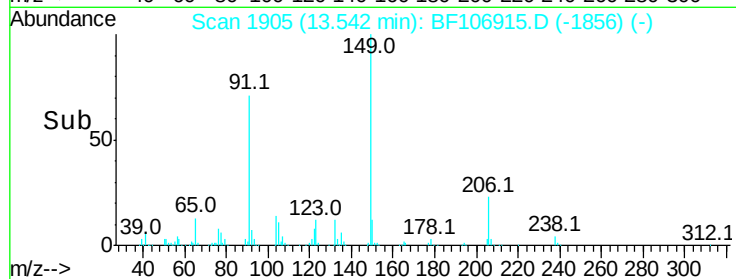
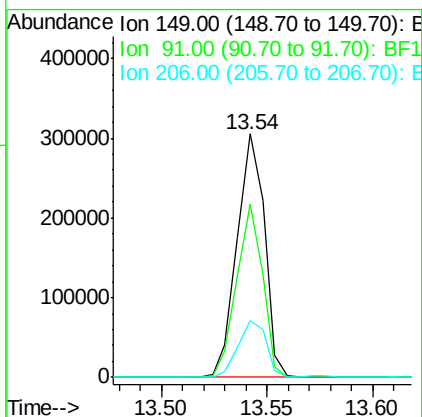
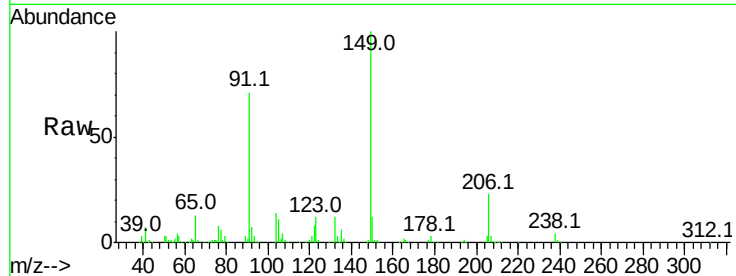
#79
Butylbenzylphthalate
Concen: 42.024 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	273842		
91	70.9	56.8	85.2	
206	23.4	14.1	21.1	

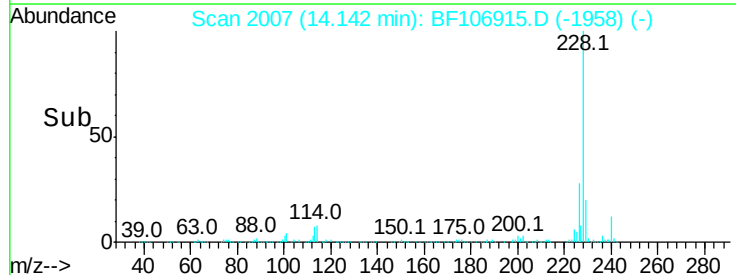
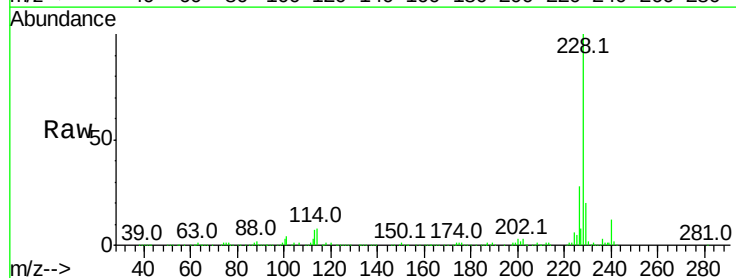
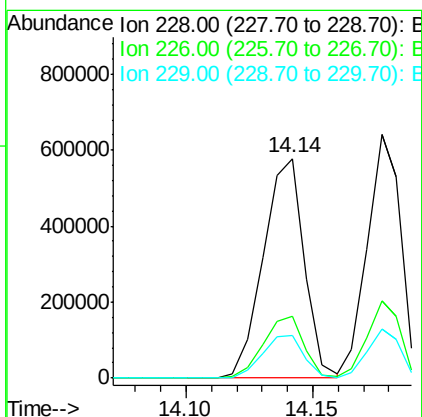
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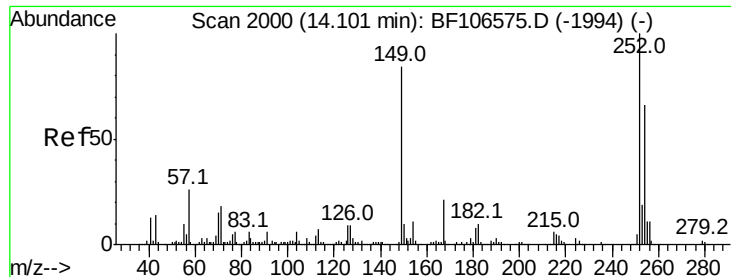
Sohil
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#80
Benzo(a)anthracene
Concen: 44.601 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	653324		
226	28.0	22.6	33.8	
229	19.6	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 14.482 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

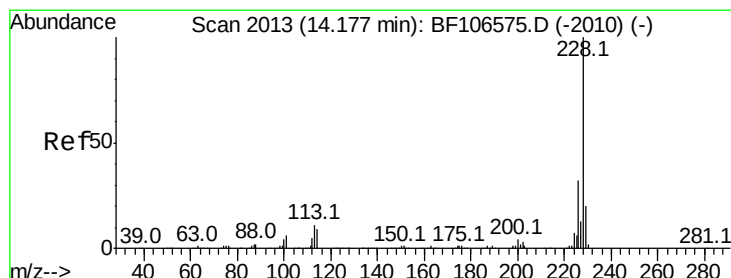
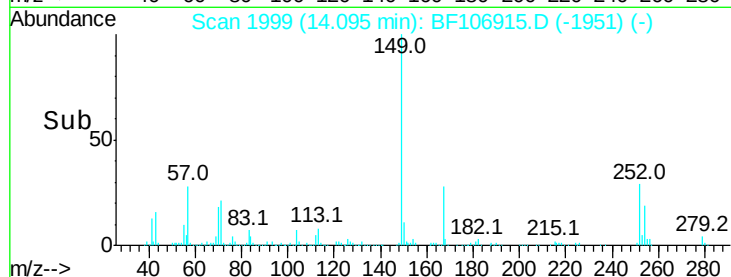
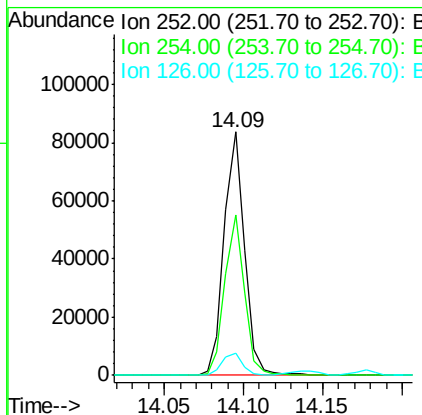
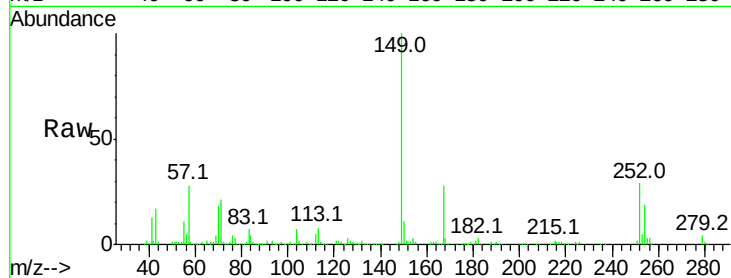
ClientSampleId :

PB110625BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	8.9	11.3	16.9

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#82

Chrysene

Concen: 44.080 ng

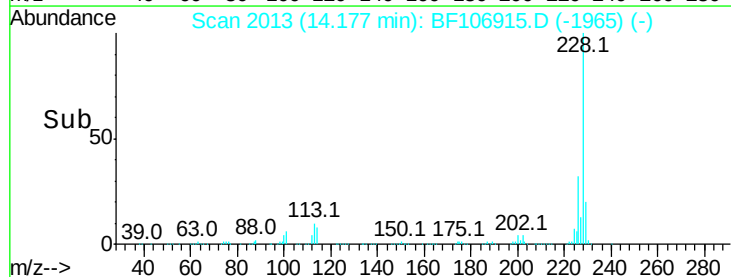
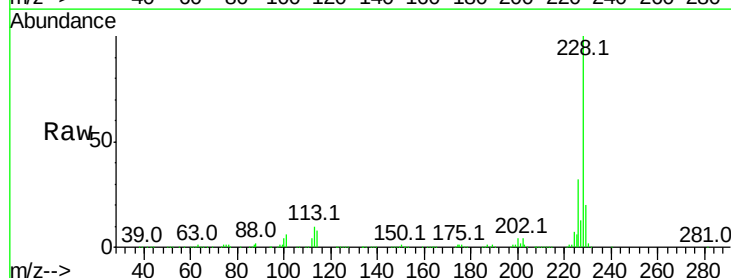
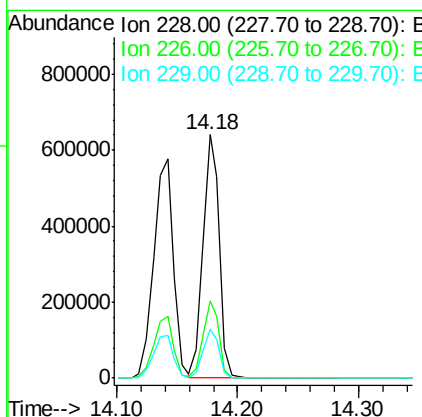
RT: 14.18 min Scan# 2013

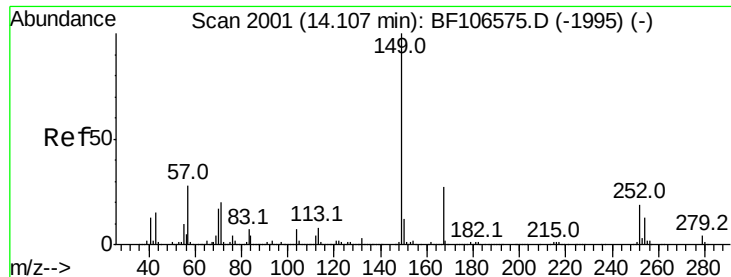
Delta R.T. -0.02 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.689 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

Instrument :

BNA_F

ClientSampleId :

PB110625BSD

Tot Ion:149 Resp: 347307

Ion Ratio Lower Upper

149 100

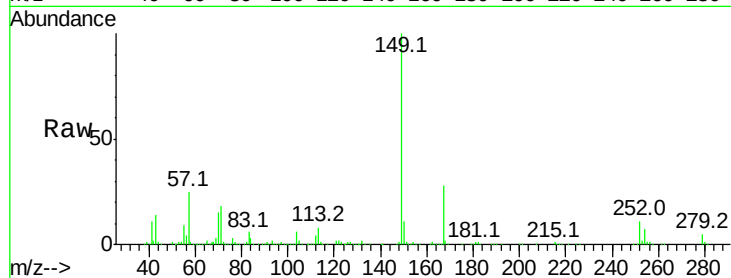
167 28.5 21.3 31.9

279 4.9 3.0 4.4#

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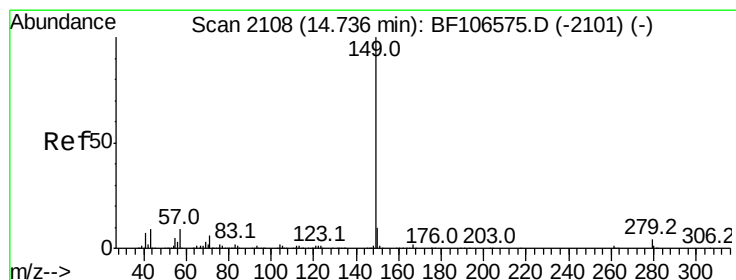
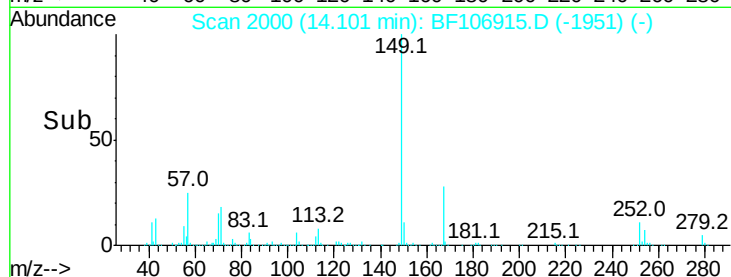
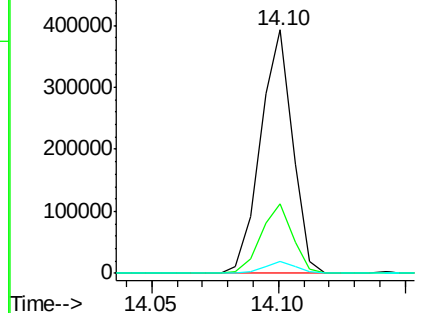
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.606 ng

RT: 14.74 min Scan# 2108

Delta R.T. -0.03 min

Lab File: BF106915.D

Acq: 28 Jun 2018 12:50

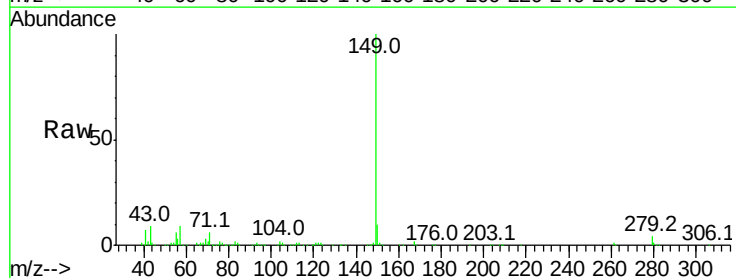
Tgt Ion:149 Resp: 497099

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

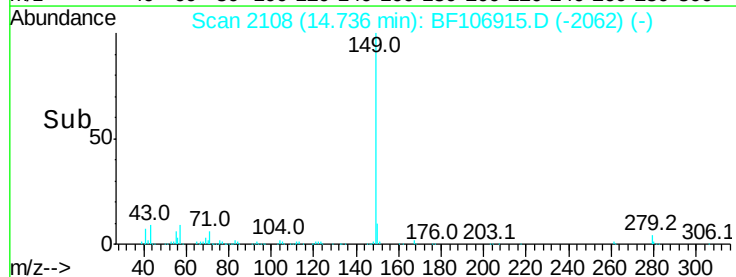
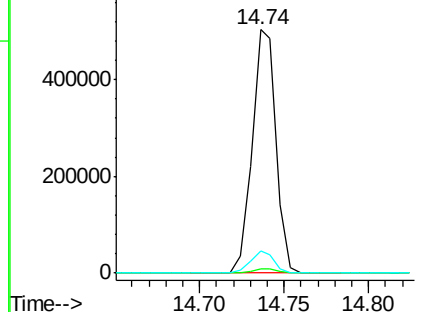
43 8.6 8.4 12.6

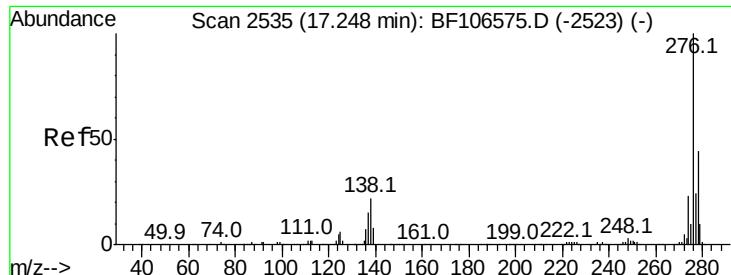


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





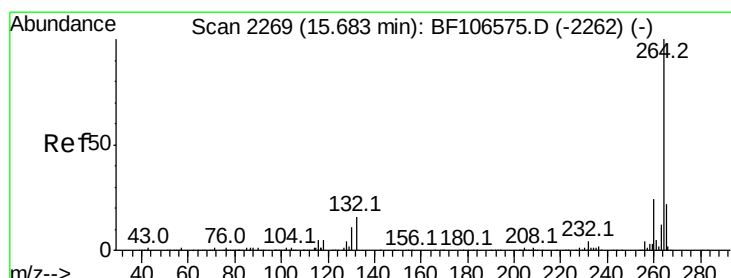
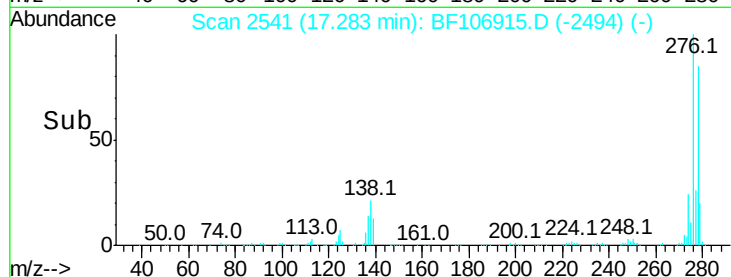
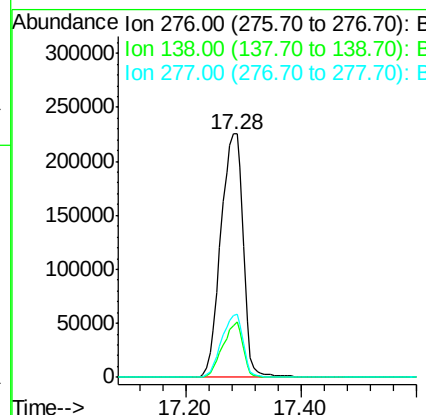
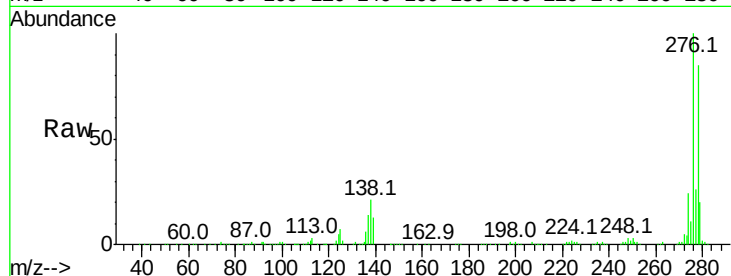
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.248 ng
RT: 17.28 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	25.0	37.6#
277	24.8	20.1	30.1

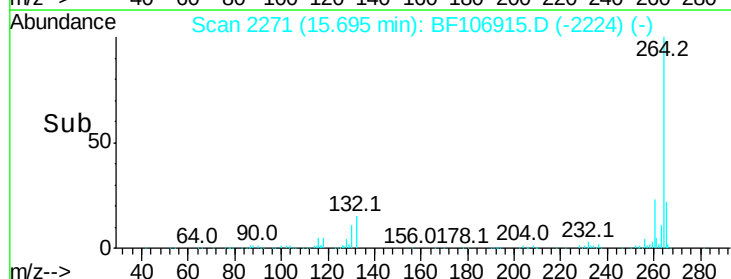
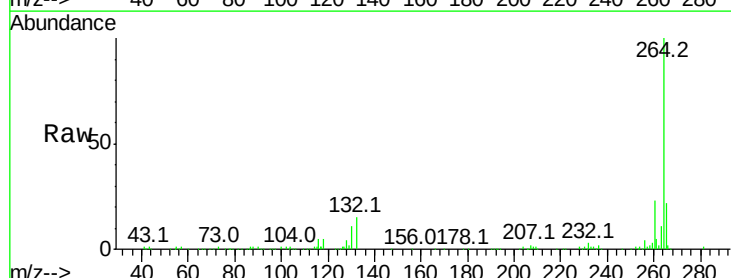
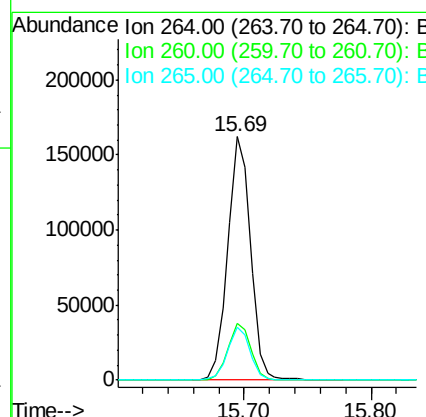
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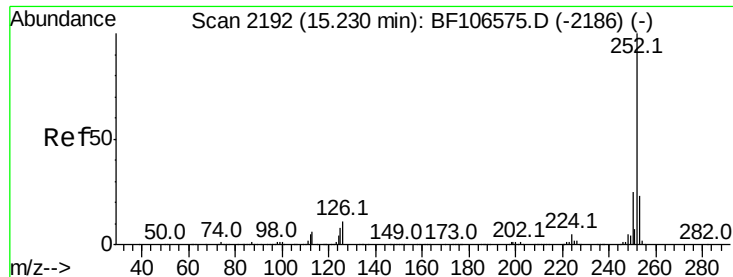
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	17.5	26.3





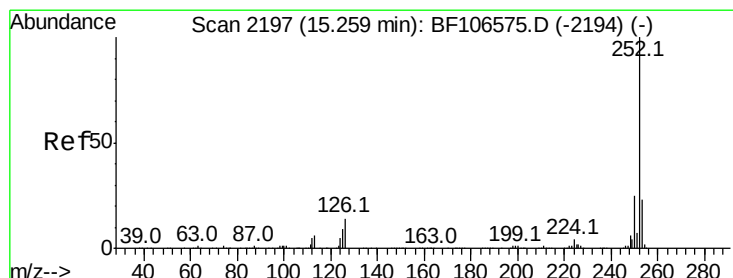
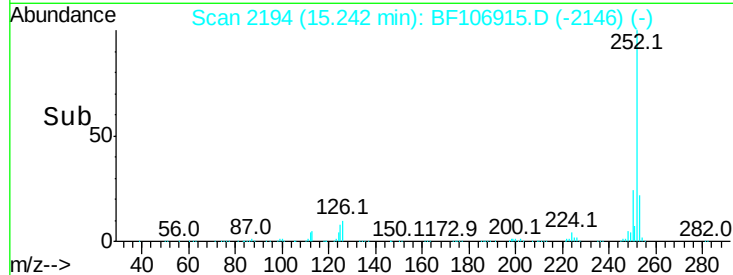
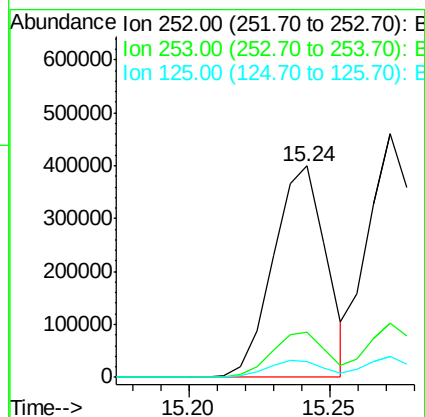
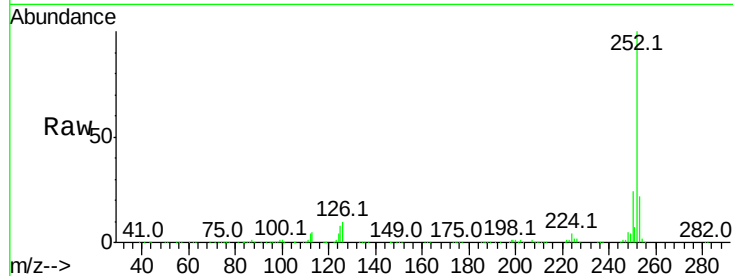
#87
Benzo(b)fluoranthene
Concen: 41.250 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	7.6	9.0	13.6

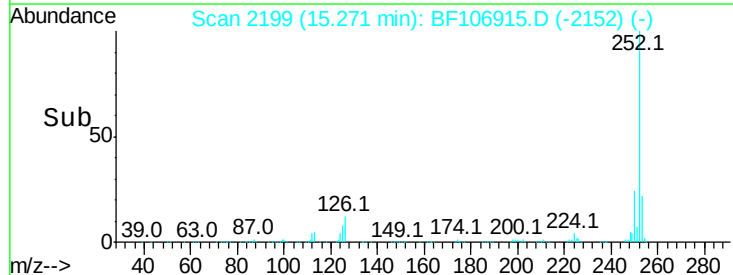
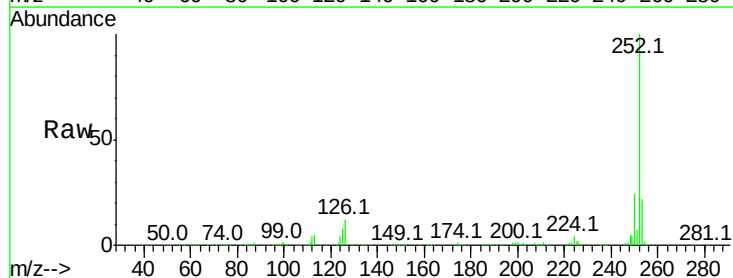
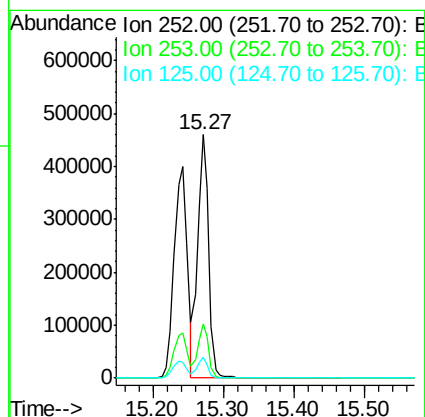
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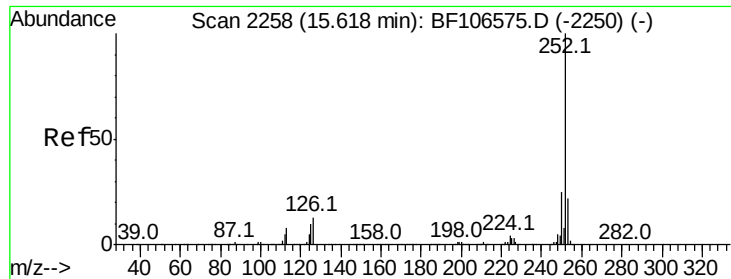
Sohil
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#88
Benzo(k)fluoranthene
Concen: 42.814 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.4	10.2	15.2





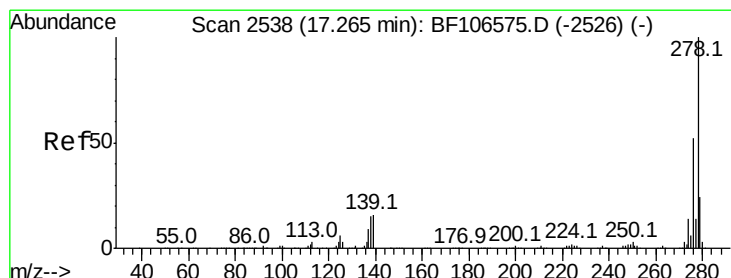
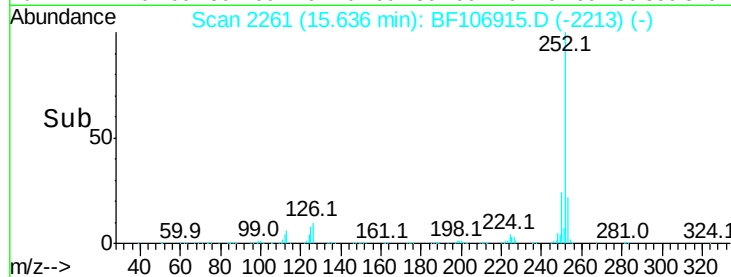
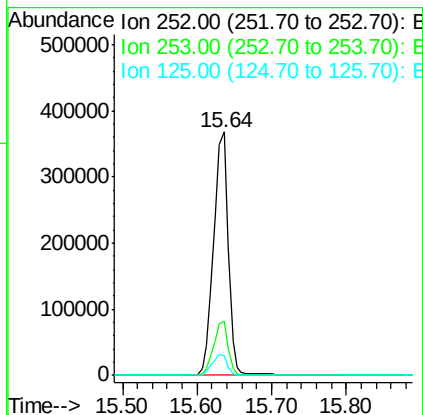
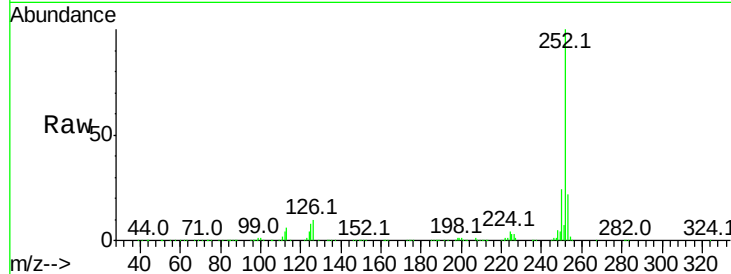
#89
Benzo(a)pyrene
Concen: 45.008 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Instrument :
BNA_F
ClientSampleId :
PB110625BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	8.2	9.8	14.6

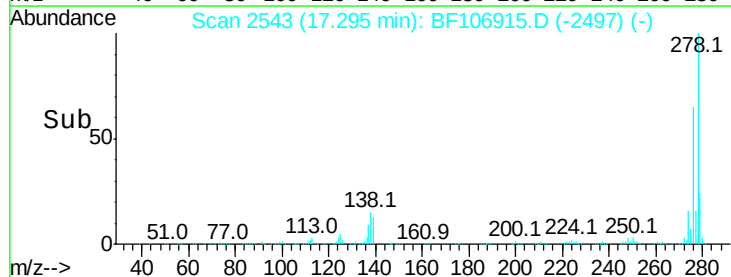
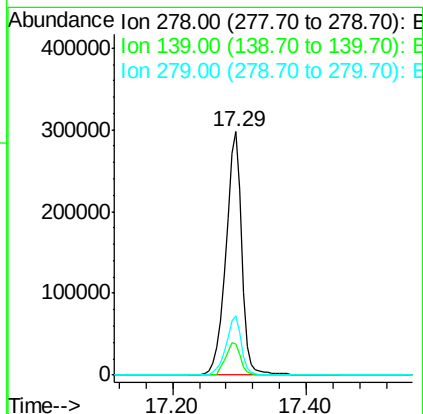
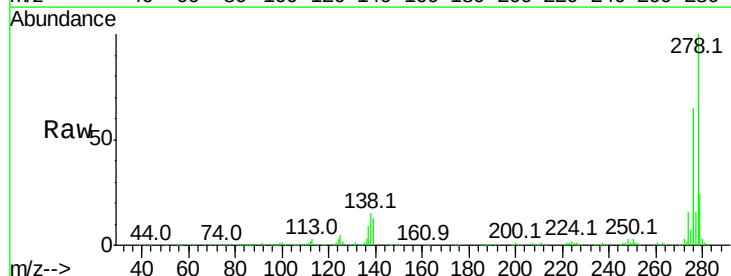
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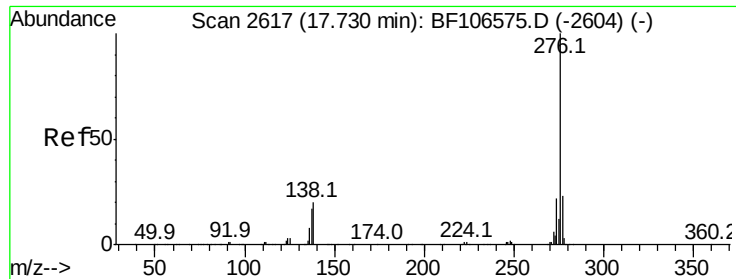
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 53.066 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF106915.D
Acq: 28 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	15.9	23.9
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 57.517 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. -0.02 min
 Lab File: BF106915.D
 Acq: 28 Jun 2018 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110625BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	18.2	21.8	32.8

Manual Integrations
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 6/29/2018 2:30:35 PM

