

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106623.D
 Acq On : 20 Jun 2018 16:56
 Operator : JU/SJ
 Sample : PB110384BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:27:54 AM

Quant Time: Jun 21 01:48:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92965	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	365208	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	200436	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	425387	20.00	ng	0.00
75) Chrysene-d12	14.15	240	360024	20.00	ng	0.00
86) Perylene-d12	15.69	264	273351	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	465250	84.74	ng	0.00
7) Phenol-d6	6.60	99	591284	86.24	ng	0.00
23) Nitrobenzene-d5	7.52	82	563917	85.81	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	228098	98.19	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1024210	86.80	ng	0.00
78) Terphenyl-d14	13.08	244	1350308	90.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	96008	34.015	ng	96
3) Pyridine	3.64	79	278437	36.374	ng	98
4) n-Nitrosodimethylamine	3.61	42	121376	37.332	ng	88
6) Aniline	6.62	93	180955	19.457	ng	94
8) 2-Chlorophenol	6.75	128	249382	41.414	ng	99
9) Benzaldehyde	6.51	77	127208	24.528	ng	98
10) Phenol	6.61	94	315293	40.296	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	255900	39.616	ng	99
12) 1,3-Dichlorobenzene	6.90	146	286425	40.612	ng	97
13) 1,4-Dichlorobenzene	6.98	146	288428	40.451	ng	98
14) 1,2-Dichlorobenzene	7.13	146	265417	40.617	ng	97
15) Benzyl Alcohol	7.10	79	228676	41.538	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	389496	45.958	ng	78
17) 2-Methylphenol	7.22	107	216827	42.077	ng	# 94
18) Hexachloroethane	7.47	117	102970	41.066	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	173267	38.339	ng	94
20) 3+4-Methylphenols	7.37	107	256507	46.565	ng	# 65
22) Acetophenone	7.37	105	338142	41.385	ng	# 93
24) Nitrobenzene	7.54	77	281474	41.953	ng	96
25) Isophorone	7.78	82	522718	45.139	ng	98
26) 2-Nitrophenol	7.86	139	141990	44.830	ng	96
27) 2,4-Dimethylphenol	7.90	122	246001	50.250	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	333707	42.919	ng	98
29) 2,4-Dichlorophenol	8.11	162	235151	45.881	ng	91
30) 1,2,4-Trichlorobenzene	8.18	180	255264	45.211	ng	97
31) Naphthalene	8.27	128	724836	42.451	ng	99
32) Benzoic acid	8.02	122	135575	39.258	ng	87
33) 4-Chloroaniline	8.31	127	68438	9.552	ng	96
34) Hexachlorobutadiene	8.37	225	167790	45.608	ng	98
35) Caprolactam	8.69	113	76781m	45.958	ng	
36) 4-Chloro-3-methylphenol	8.81	107	253280	46.950	ng	95
37) 2-Methylnaphthalene	8.96	142	540233	47.734	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	278364	41.239	ng	97
40) Hexachlorocyclopentadiene	9.11	237	325544	93.739	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	181252	40.396	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	192608	41.139	nq	92
45) 1,1'-Biphenyl	9.42	154	650947	40.751	nq	99
46) 2-Chloronaphthalene	9.45	162	488485	38.850	nq	96
47) 2-Nitroaniline	9.55	65	166016	39.265	nq	96
48) Acenaphthylene	9.87	152	788022	39.696	nq	98
49) Dimethylphthalate	9.72	163	604875	40.237	nq	97
50) 2,6-Dinitrotoluene	9.78	165	143417	45.053	nq	97
51) Acenaphthene	10.04	154	479383	38.349	nq	98
52) 3-Nitroaniline	9.95	138	56554	15.439	nq	99
53) 2,4-Dinitrophenol	10.07	184	152202	91.160	nq #	22
54) Dibenzofuran	10.21	168	738257	43.130	nq	96
55) 4-Nitrophenol	10.14	139	195686	76.533	nq	94
56) 2,4-Dinitrotoluene	10.20	165	198746	47.832	nq #	83
57) Fluorene	10.55	166	571869	42.102	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	178952	48.083	nq #	80
59) Diethylphthalate	10.42	149	579849	39.964	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	294729	41.470	nq #	86
61) 4-Nitroaniline	10.58	138	147578	40.594	nq	99
62) Azobenzene	10.70	77	581580	40.704	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	117657	44.745	nq	79
65) n-Nitrosodiphenylamine	10.66	169	520246	36.360	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	213156	41.987	nq #	83
67) Hexachlorobenzene	11.10	284	226947	42.711	nq #	85
68) Atrazine	11.19	200	200612	44.105	nq	92
69) Pentachlorophenol	11.30	266	209012	78.835	nq	98
70) Phenanthrene	11.52	178	881045	42.942	nq	99
71) Anthracene	11.57	178	907125	43.316	nq	98
72) Carbazole	11.73	167	811470	41.387	nq	97
73) Di-n-butylphthalate	12.04	149	949912	41.124	nq	99
74) Fluoranthene	12.71	202	1013949	44.837	nq	96
76) Benzo(b)fluoranthene	12.83	184	355916	34.712	nq	98
77) Pyrene	12.94	202	1009238	42.510	nq	98
79) Butylbenzylphthalate	13.55	149	420685	43.098	nq #	97
80) Benzo(a)anthracene	14.14	228	937623	42.731	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	100254	13.000	nq #	96
82) Chrysene	14.18	228	847298	41.973	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	578211	46.333	nq #	95
84) Di-n-octyl phthalate	14.74	149	865359	42.541	nq	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	760745	44.407	nq #	91
87) Benzo(b)fluoranthene	15.24	252	716966m	42.223	nq	
88) Benzo(k)fluoranthene	15.27	252	697509	43.135	nq #	96
89) Benzo(a)pyrene	15.62	252	665752	44.104	nq #	96
90) Dibenzo(a,h)anthracene	17.28	278	630547	49.288	nq #	94
91) Benzo(g,h,i)perylene	17.74	276	656015	52.464	nq #	90

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

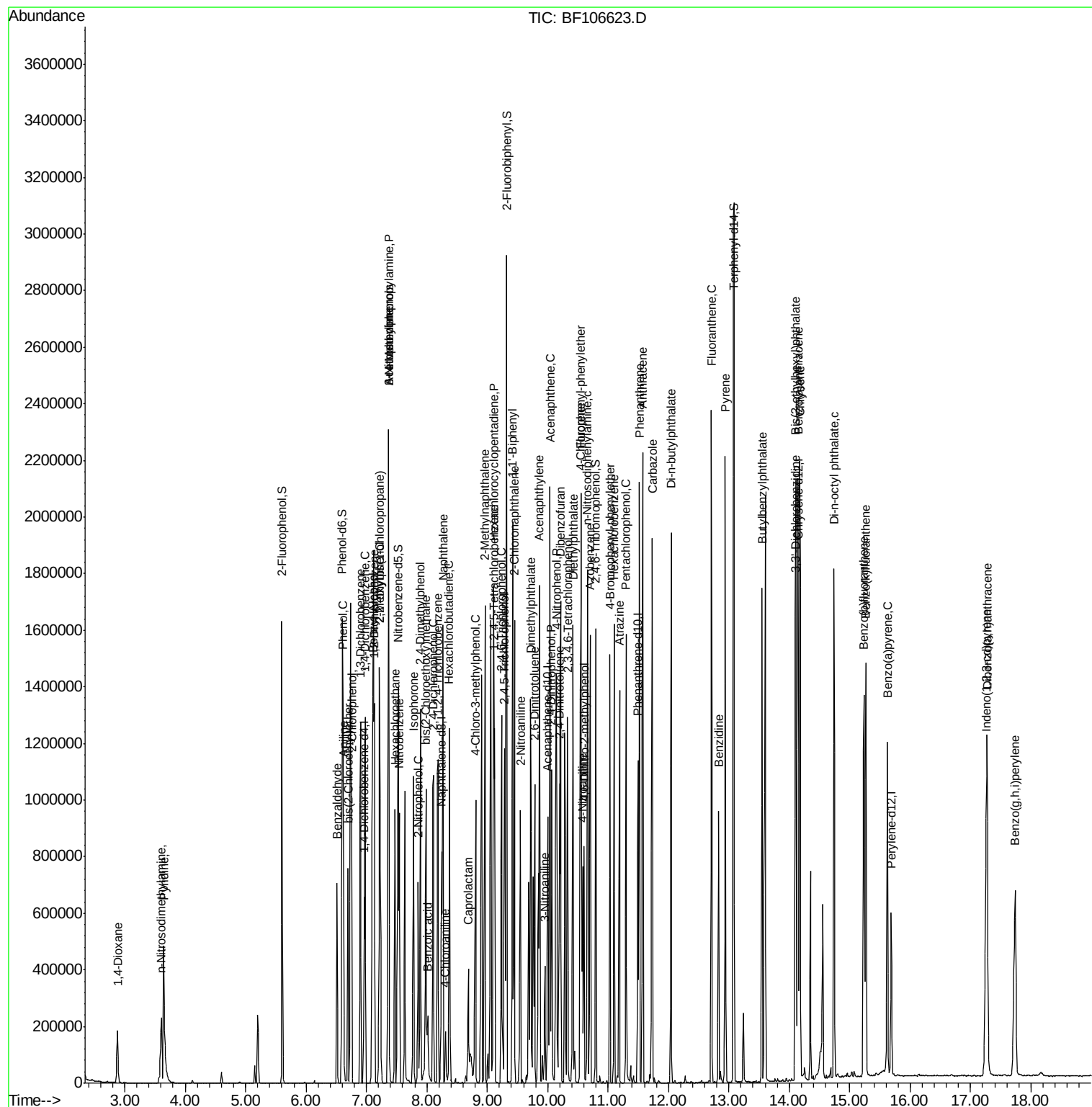
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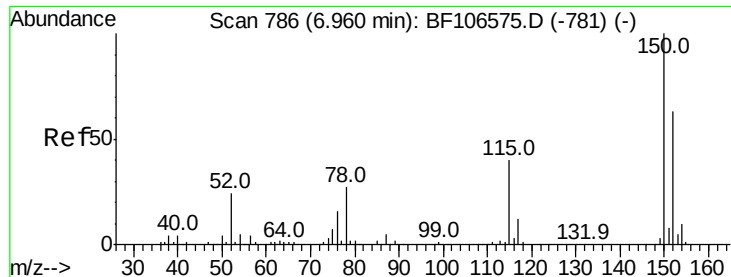
Instrument :
BNA_F
ClientSampled :
PB110384BS

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#1

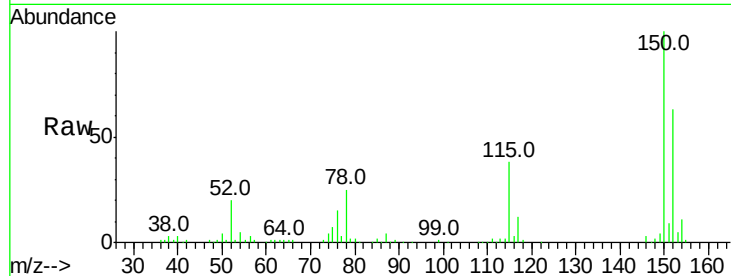
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

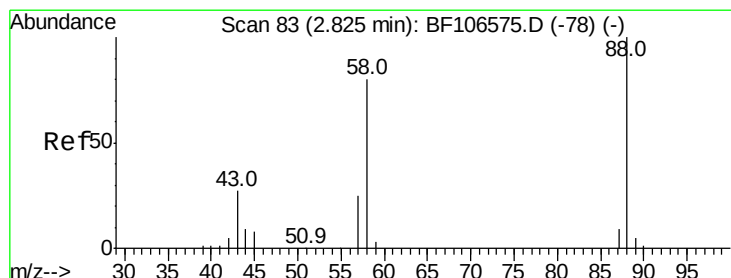
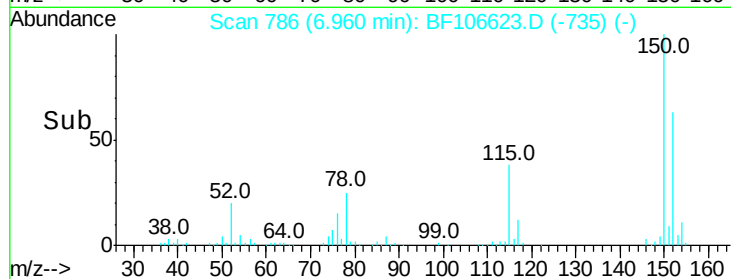
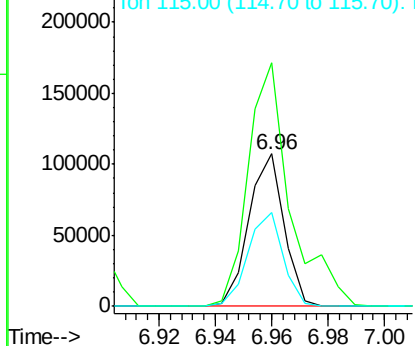
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	61.4	50.1	75.1

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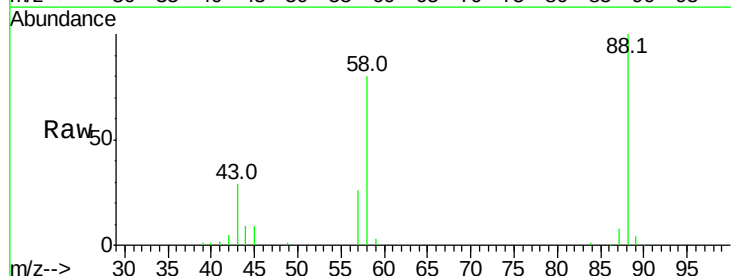
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



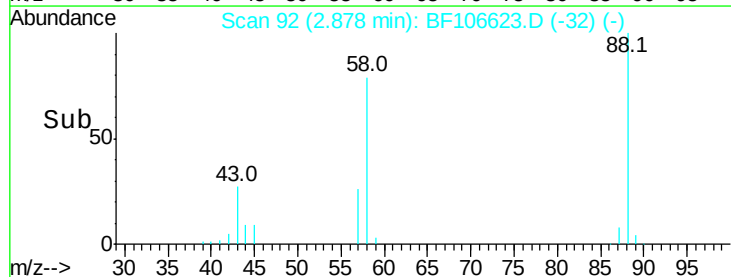
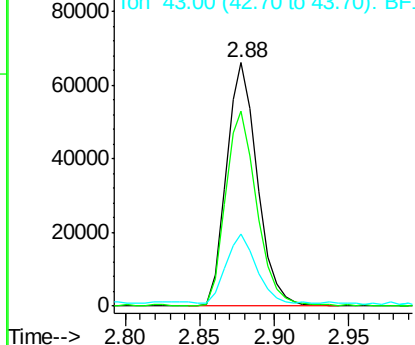
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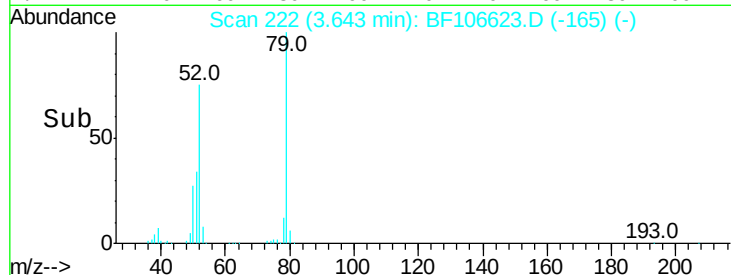
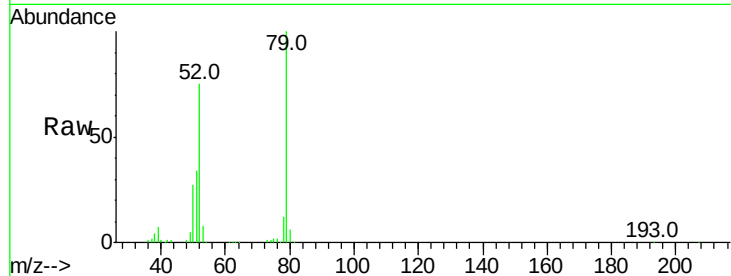
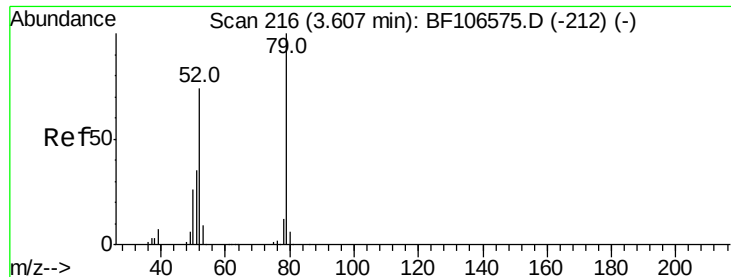
1,4-Dioxane
Concen: 34.015 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	62.6	93.8
43	27.9	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





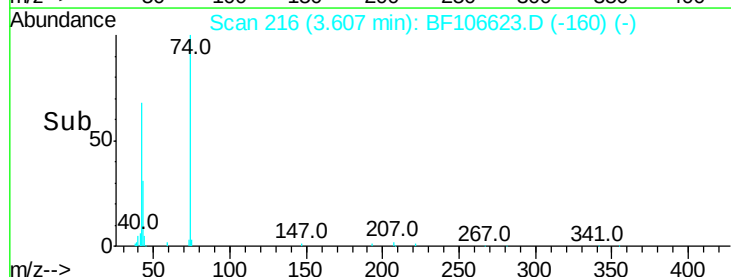
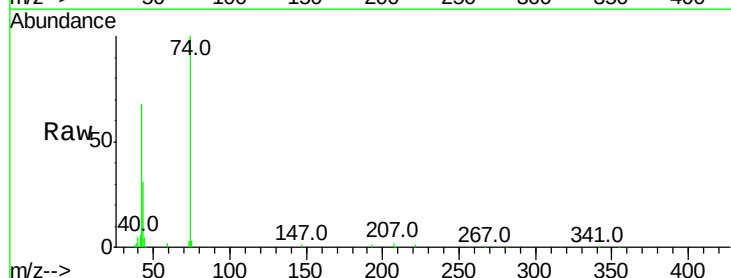
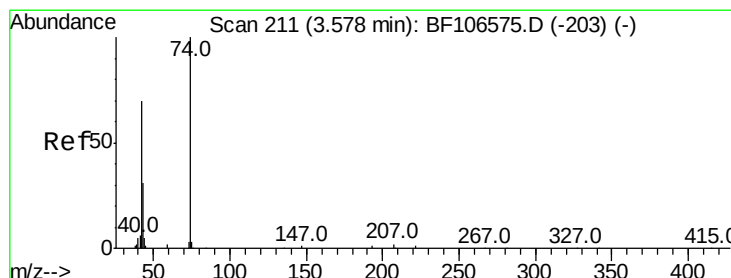
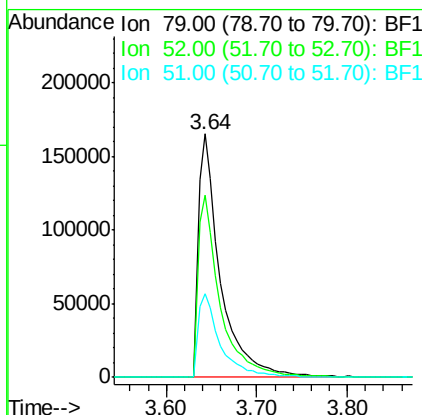
#3
 Pvridine
 Concen: 36.374 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		278437		
52	75.0	59.8		89.6	
51	34.3	29.8		44.8	

Instrument :
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 PB110384BS

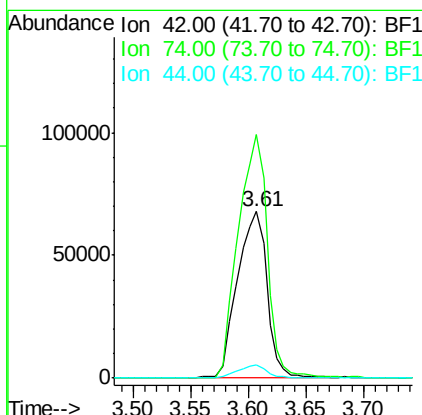
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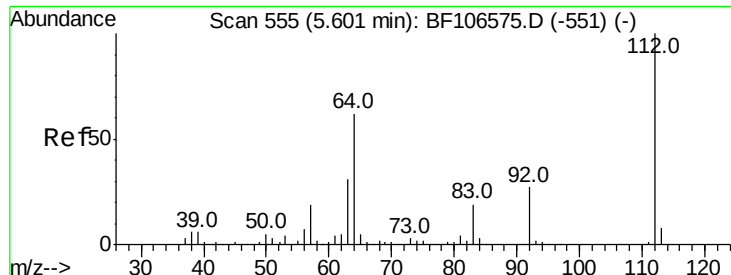
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#4
 n-Nitrosodimethylamine
 Concen: 37.332 ng
 RT: 3.61 min Scan# 216
 Delta R.T. 0.03 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		121376		
74	146.1	104.9		157.3	
44	7.6	6.9		10.3	





#5

2-Fluorophenol

Concen: 84.743 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

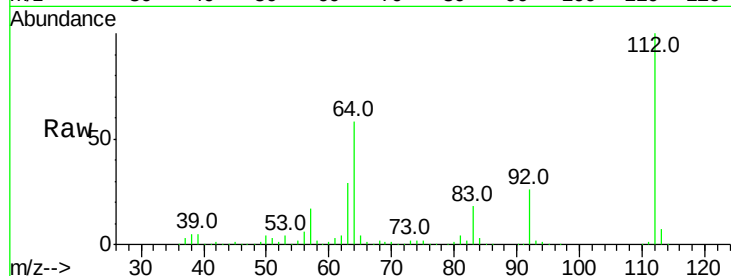
ClientSampleId :

PB110384BS

Tot Ion:	112	Resp:	465250
Ion Ratio	Lower	Upper	
112	100		
64	57.7	47.9	71.9
63	28.5	23.7	35.5

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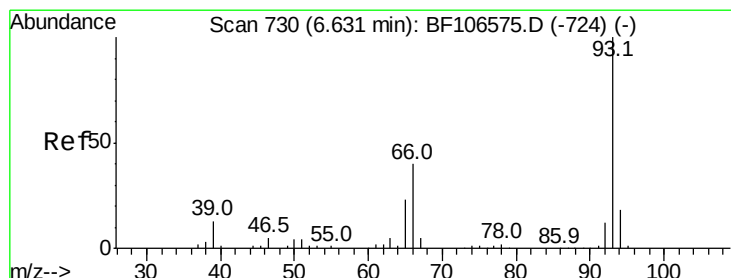
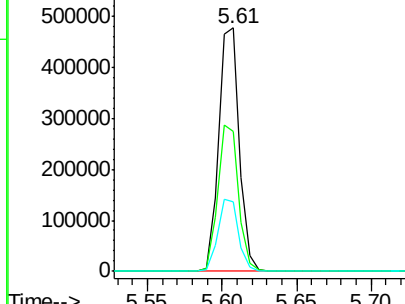
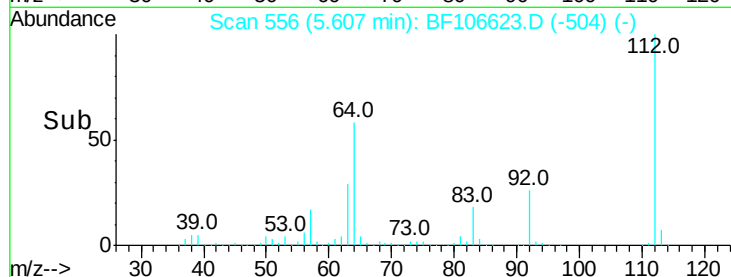
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.457 ng

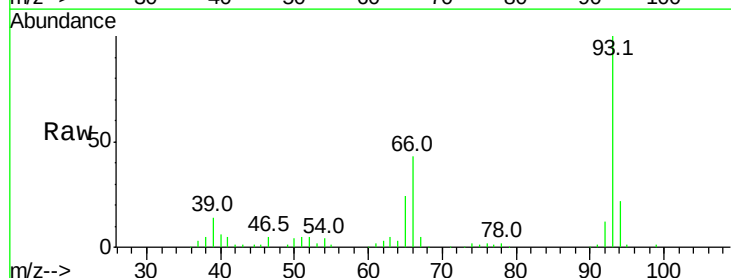
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

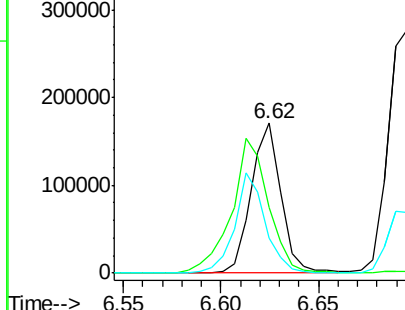
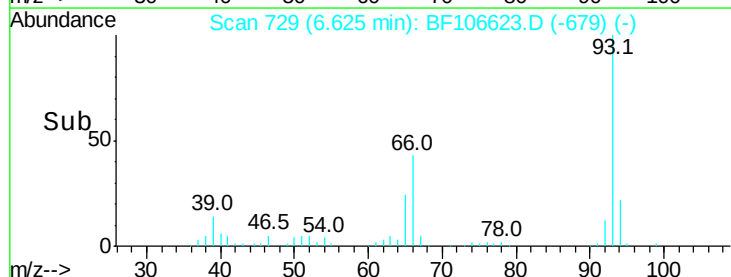
Tgt Ion:	93	Resp:	180955
Ion Ratio	Lower	Upper	
93	100		
66	43.4	32.2	48.2
65	23.5	16.4	24.6

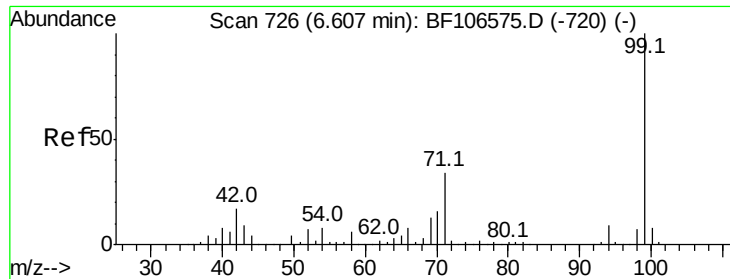


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.242 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

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Instrument :

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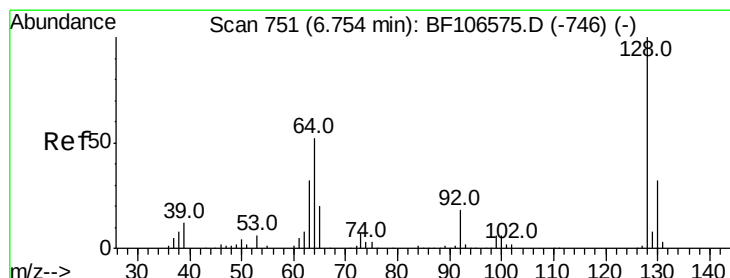
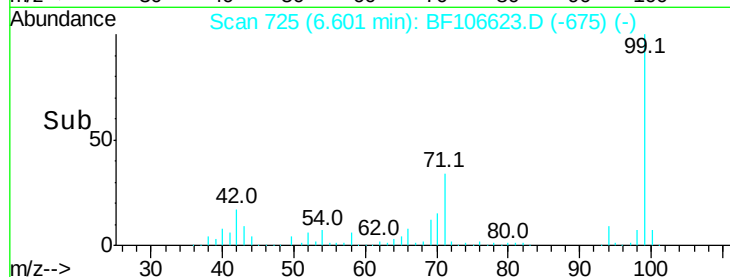
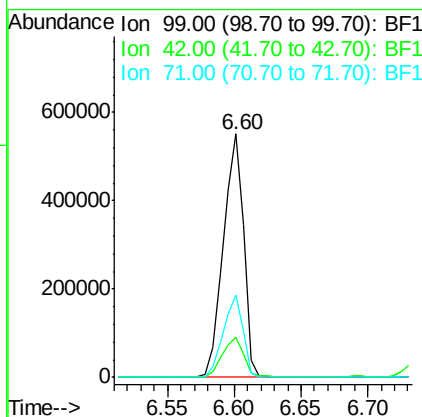
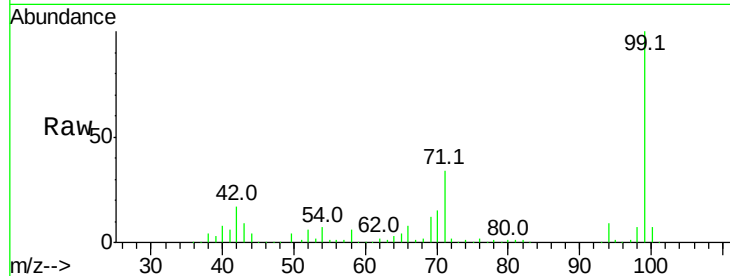
ClientSampled :

PB110384BS

Tot Ion:	99	Resp:	591284
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.5	21.7
71	33.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.414 ng

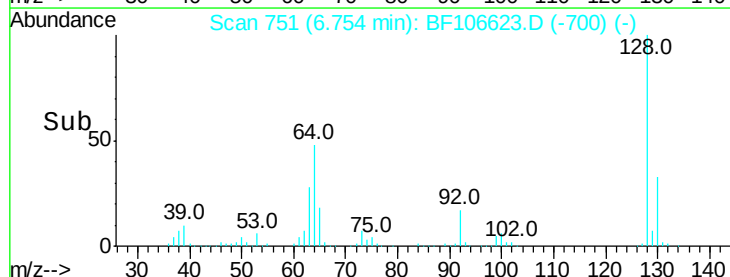
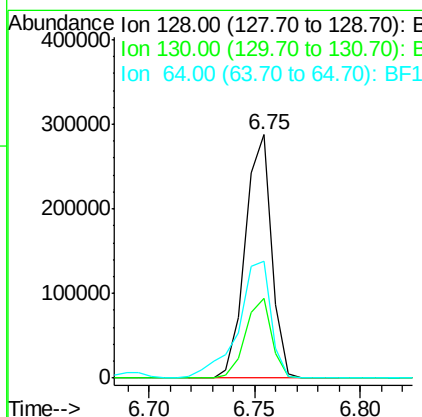
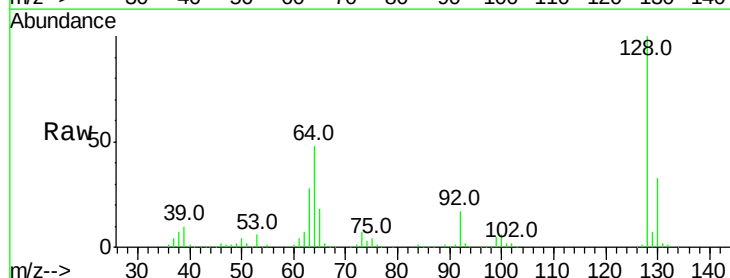
RT: 6.75 min Scan# 751

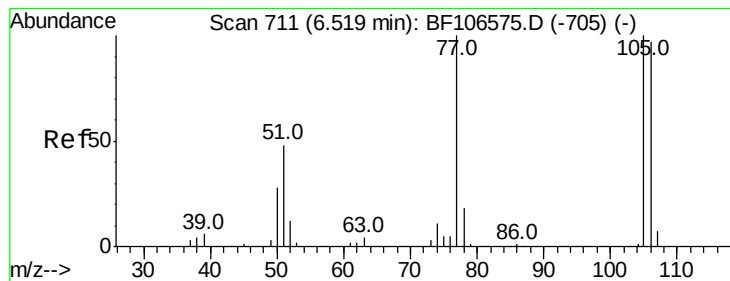
Delta R.T. 0.00 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion:	128	Resp:	249382
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	48.2	29.4	69.4





#9

Benzaldehyde

Concen: 24.528 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

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Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

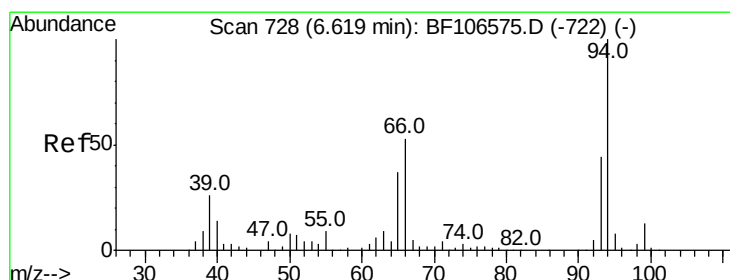
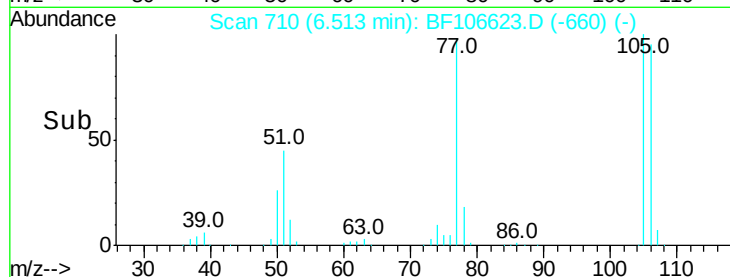
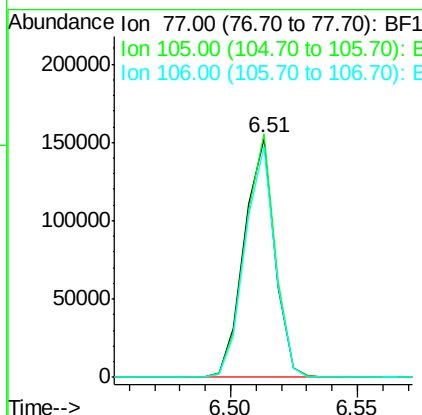
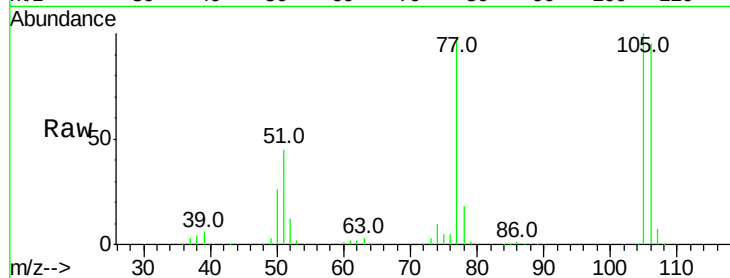
ClientSampleId :

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Tot Ion:	77	Resp:	127208
Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.1	121.1
106	96.9	74.5	114.5

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#10

Phenol

Concen: 40.296 ng

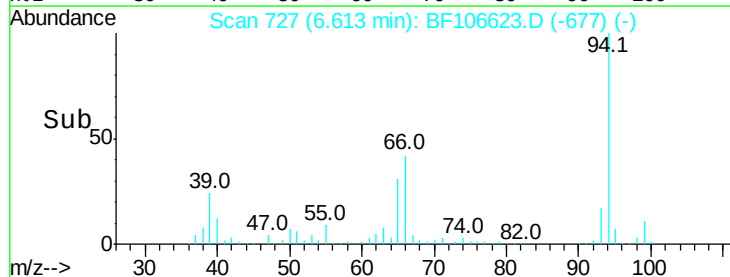
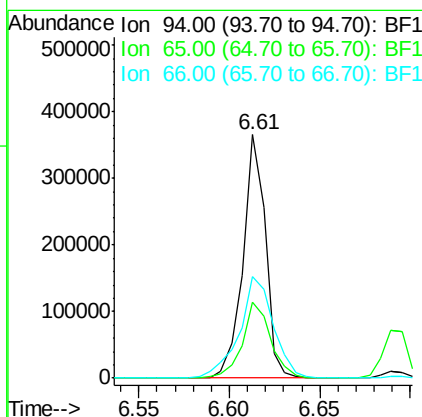
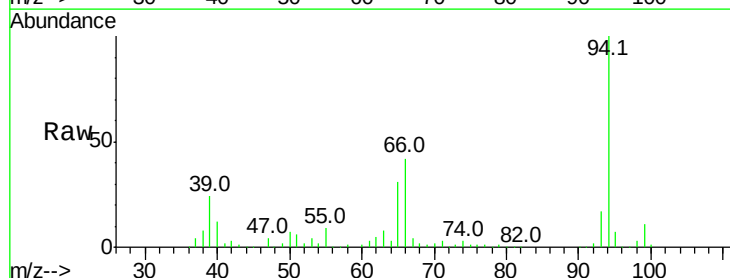
RT: 6.61 min Scan# 727

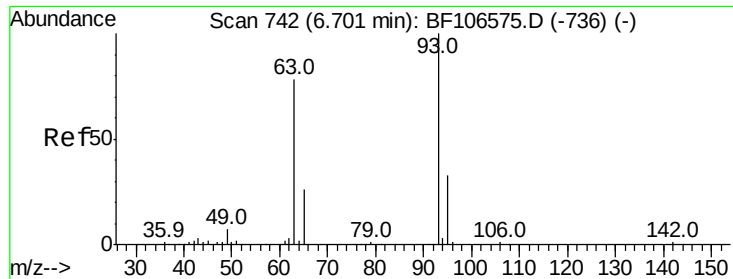
Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion:	94	Resp:	315293
Ion	Ratio	Lower	Upper
94	100		
65	31.4	7.9	47.9
66	41.9	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.616 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

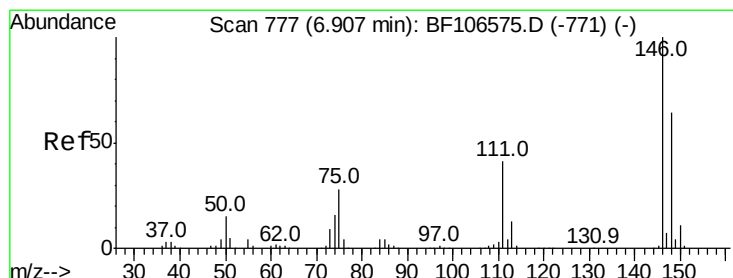
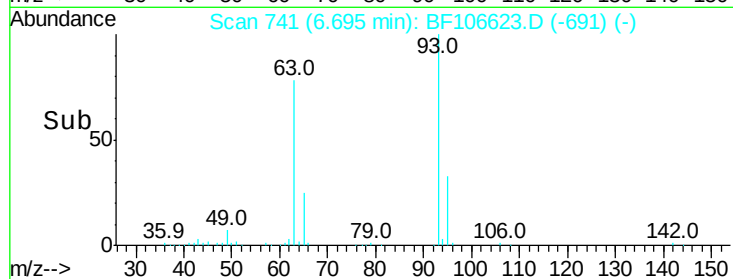
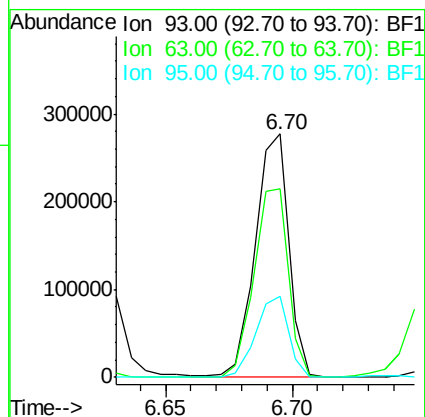
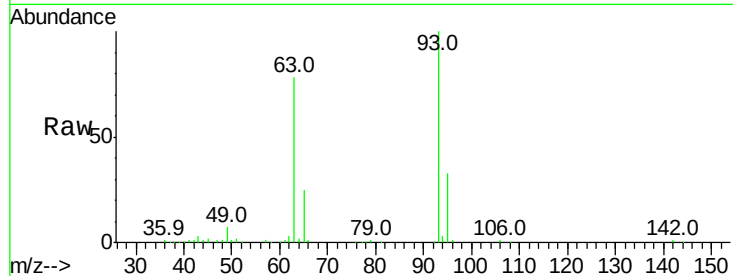
ClientSampleId :

PB110384BS

Tot Ion:	93	Resp:	255900
Ion Ratio	Lower	Upper	
93	100		
63	77.6	58.6	98.6
95	33.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 40.612 ng

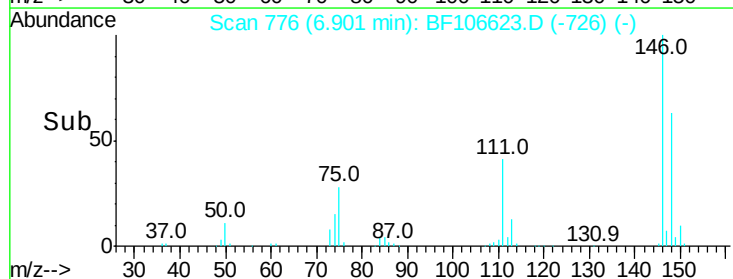
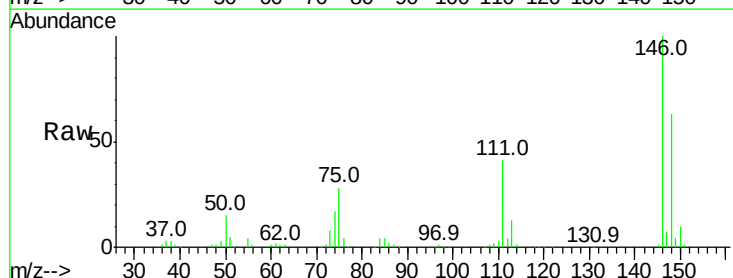
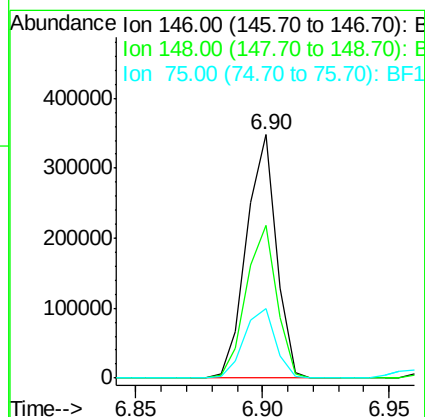
RT: 6.90 min Scan# 776

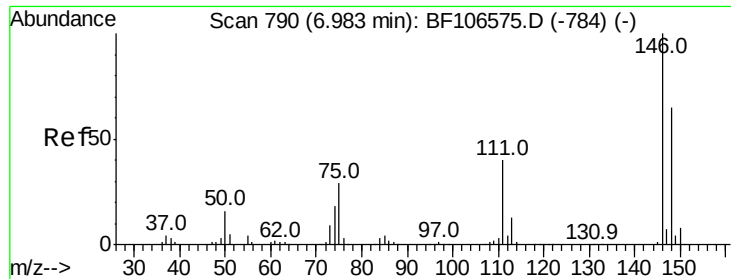
Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion:	146	Resp:	286425
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.8	77.8
75	28.3	24.2	36.4





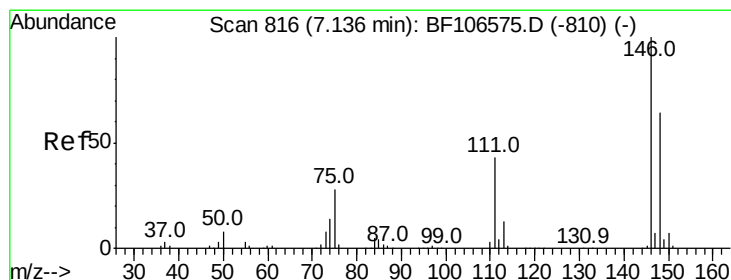
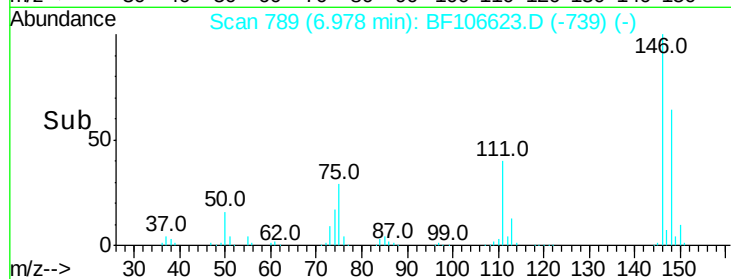
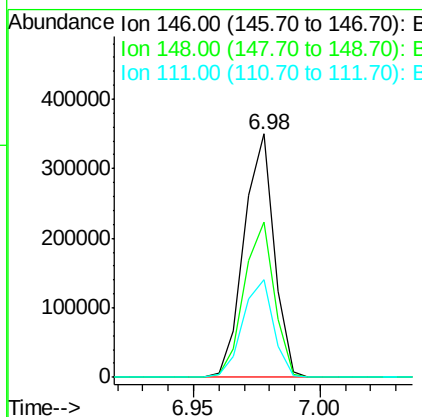
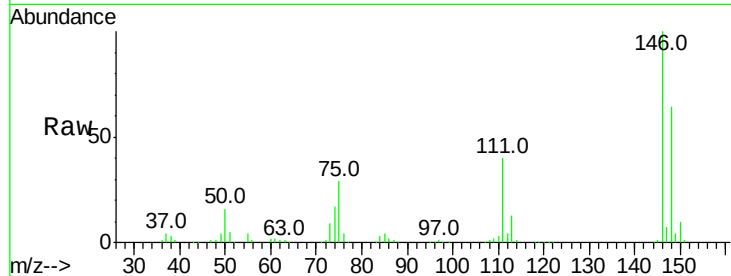
#13
 1,4-Dichlorobenzene
 Concen: 40.451 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	39.9	34.2	51.2

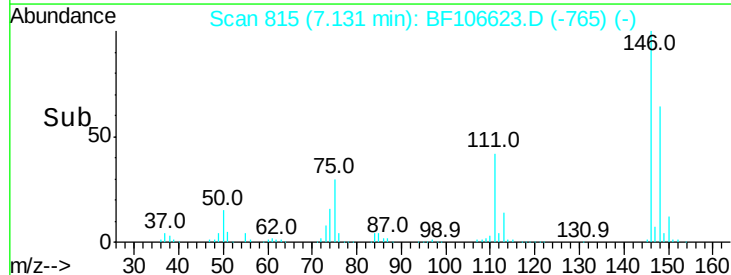
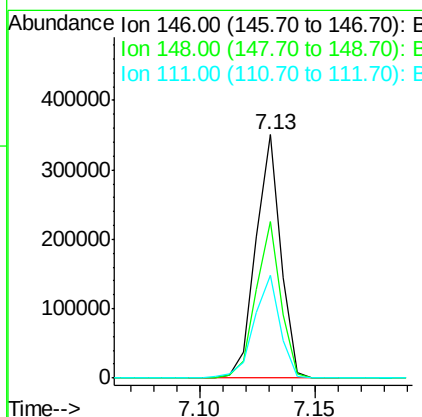
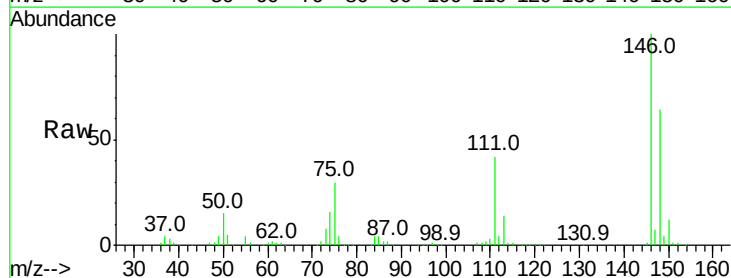
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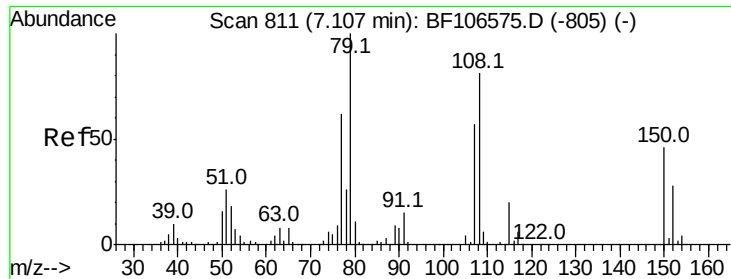
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#14
 1,2-Dichlorobenzene
 Concen: 40.617 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	42.3	36.0	54.0





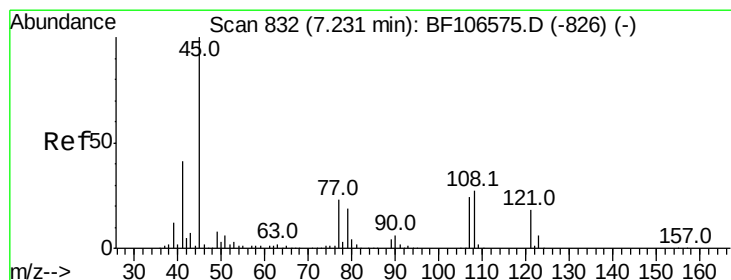
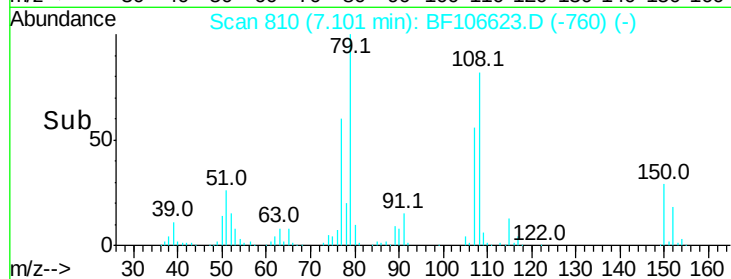
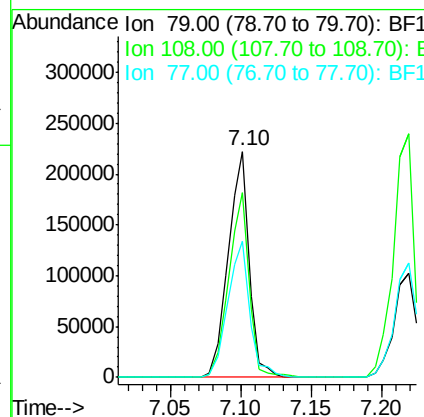
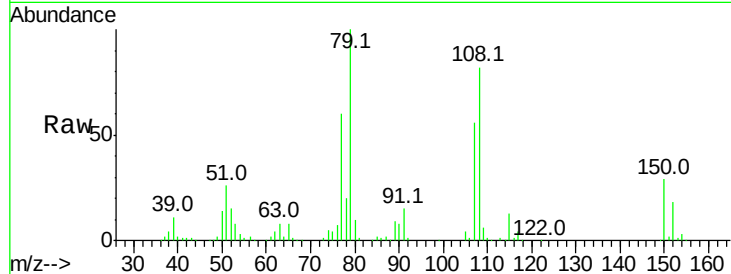
#15
Benzyl Alcohol
Concen: 41.538 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion: 79 Resp: 228676
Ion Ratio Lower Upper
79 100
108 81.8 65.1 97.7
77 60.4 50.6 75.8

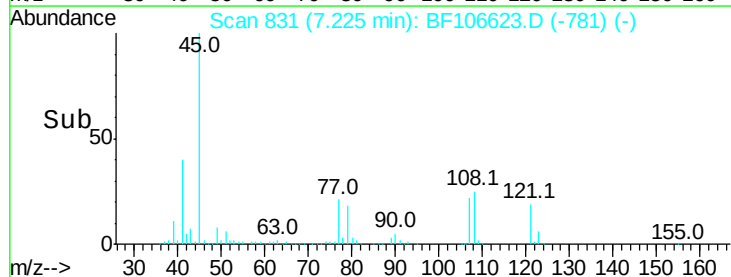
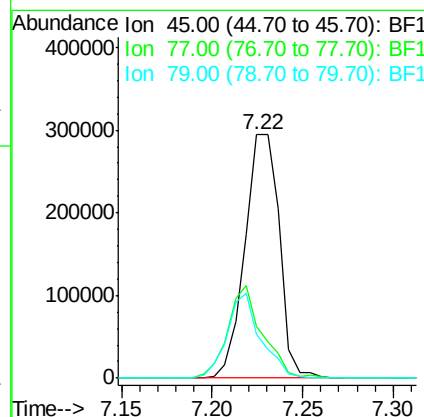
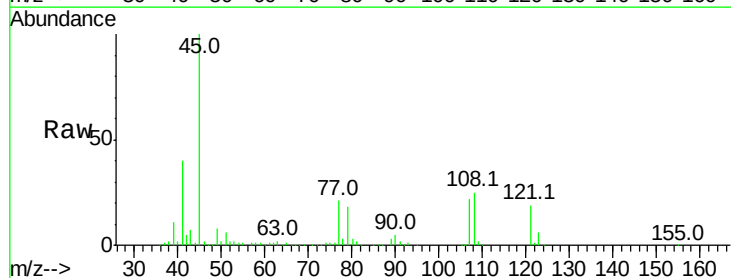
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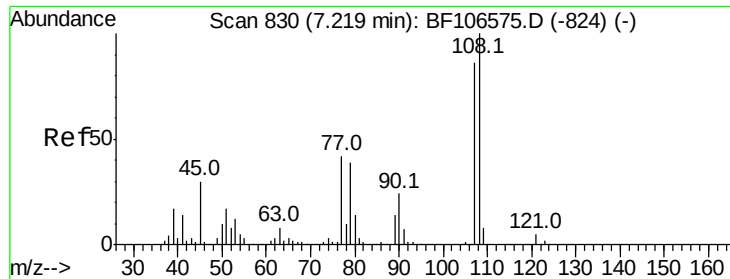
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.958 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion: 45 Resp: 389496
Ion Ratio Lower Upper
45 100
77 21.0 0.0 32.9
79 18.2 0.0 29.6





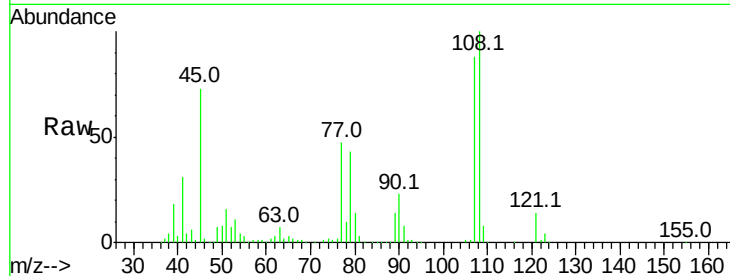
#17
2-Methylphenol
Concen: 42.077 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

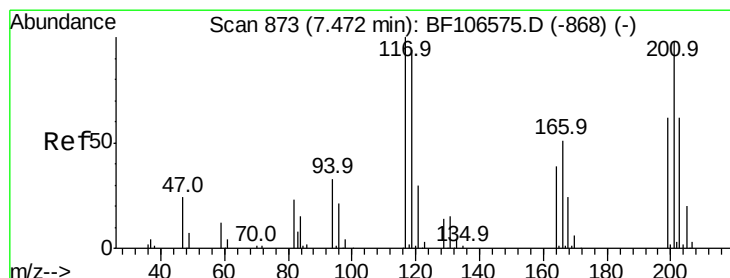
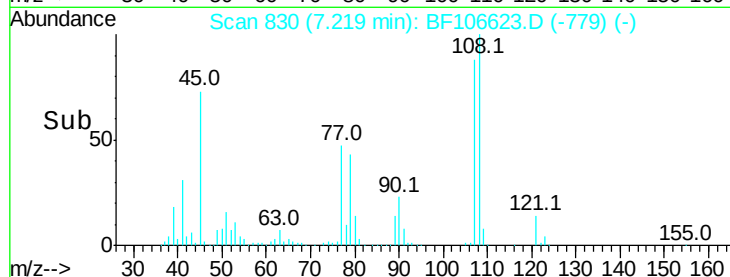
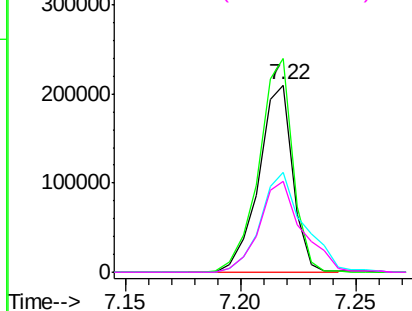
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	91.7	137.5	
77	53.5	33.8	50.8#	
79	48.9	33.8	50.8	

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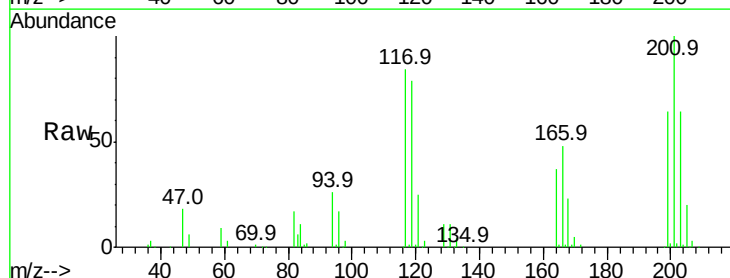


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

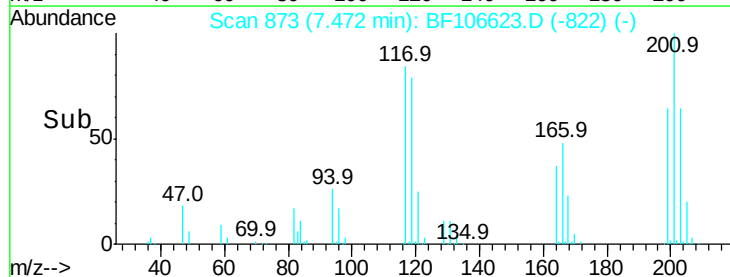
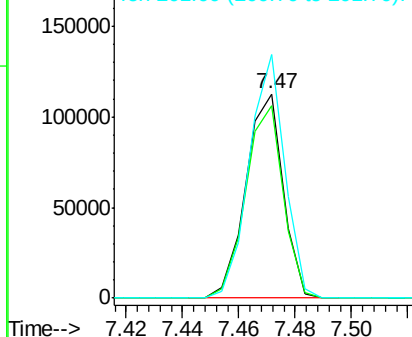


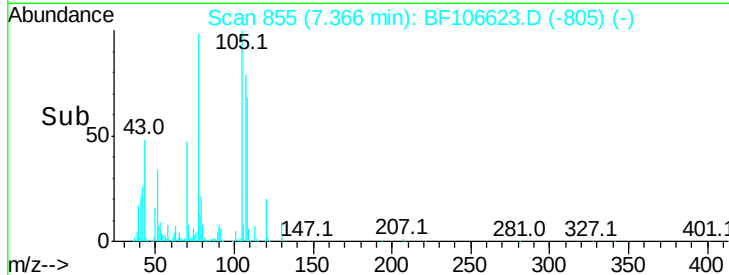
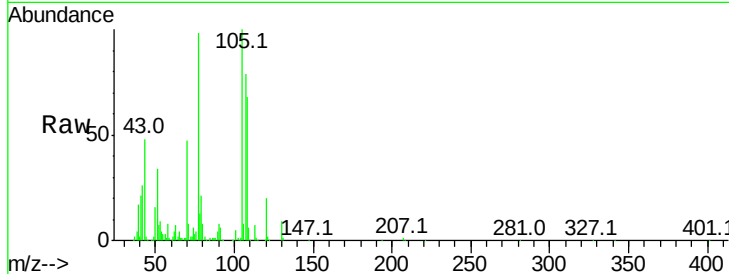
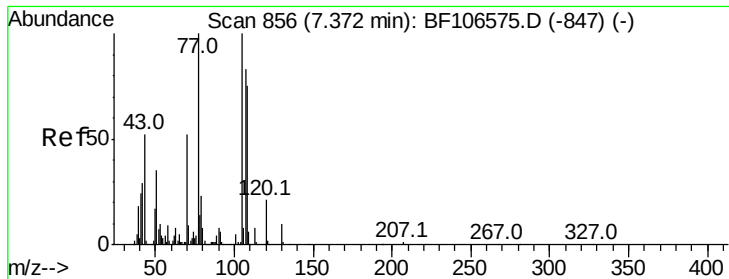
#18
Hexachloroethane
Concen: 41.066 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	75.8	113.8	
201	119.3	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





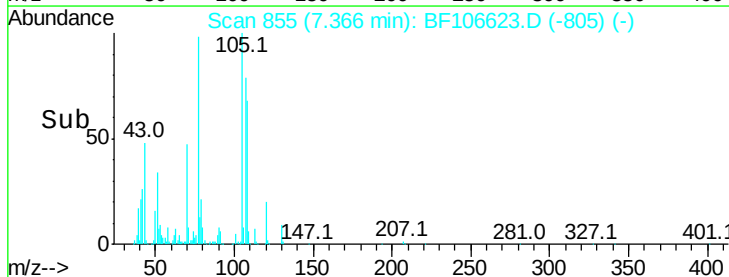
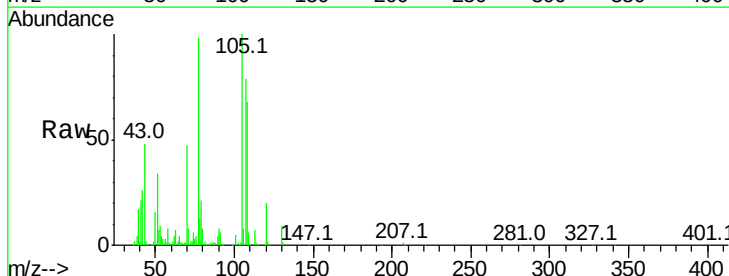
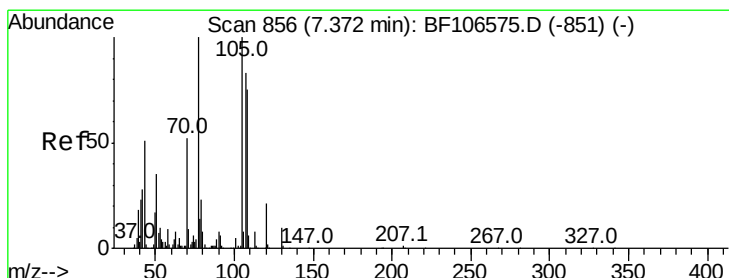
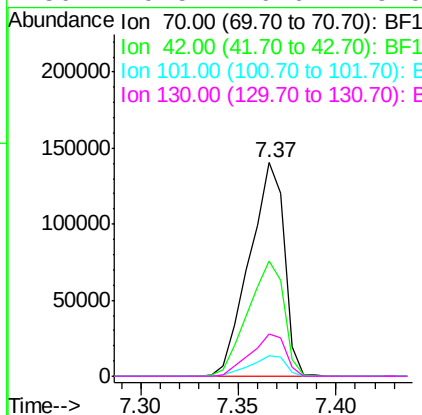
#19
n-Nitroso-di-n-propylamine
Concen: 38.339 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.7	7.4	11.2
130	19.5	16.6	25.0

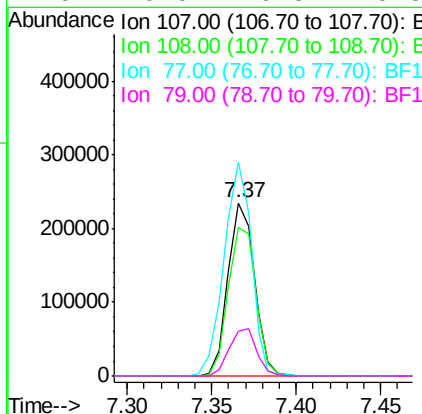
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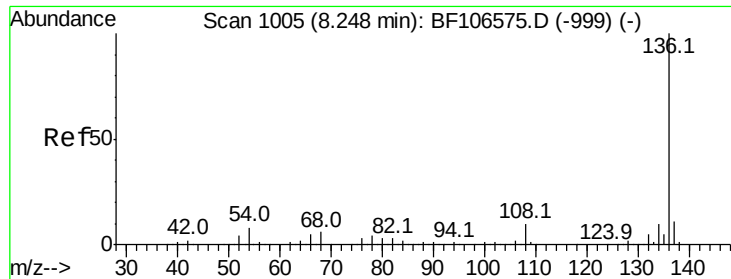
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#20
3+4-Methylphenols
Concen: 46.565 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.2	108.2
77	123.6	26.7	66.7#
79	26.0	6.3	46.3





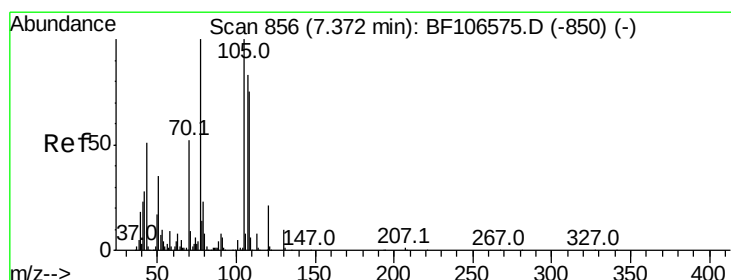
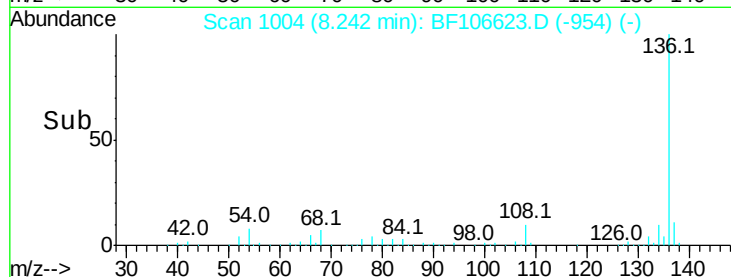
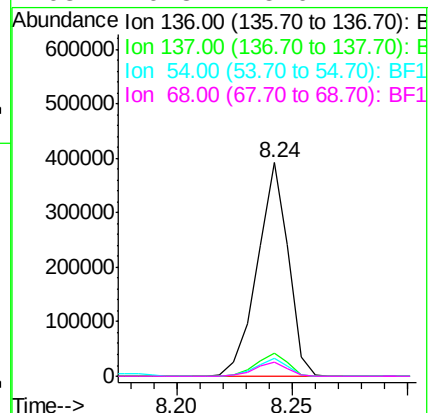
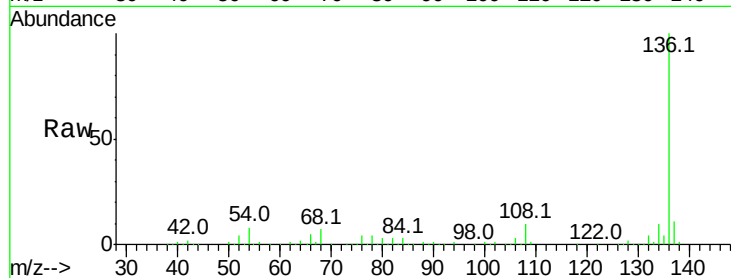
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.9	13.3		
54	8.5	6.6	9.8		
68	6.8	5.0	7.4		

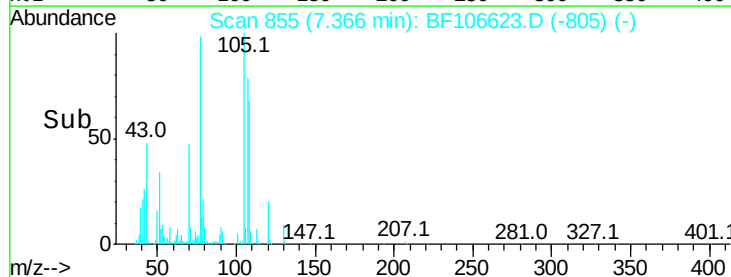
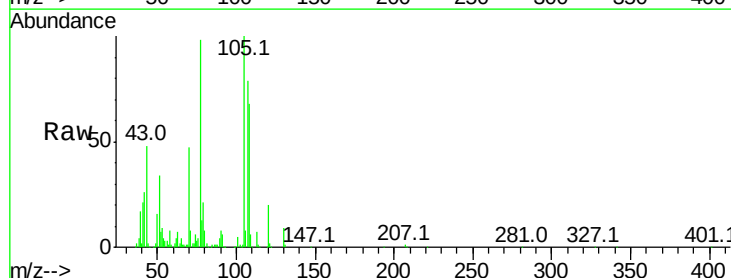
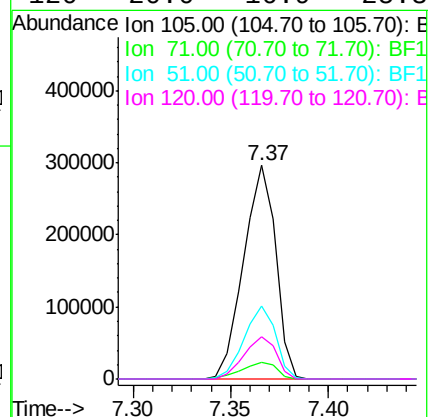
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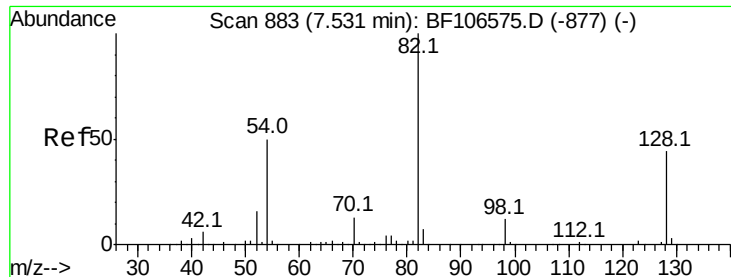
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#22
Acetophenone
Concen: 41.385 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	7.9	4.4	6.6#		
51	33.9	22.3	33.5#		
120	20.0	16.9	25.3		





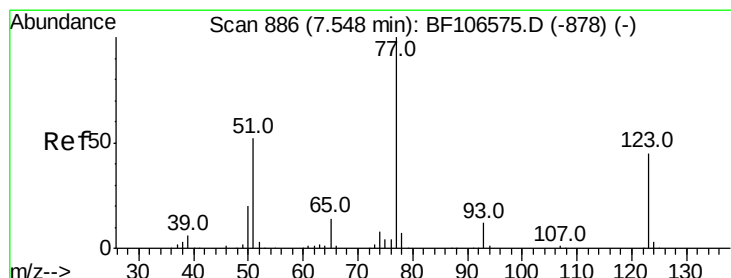
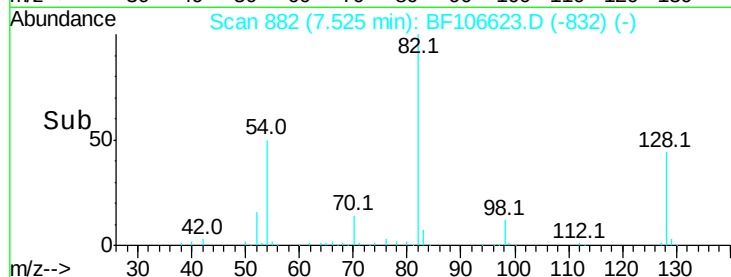
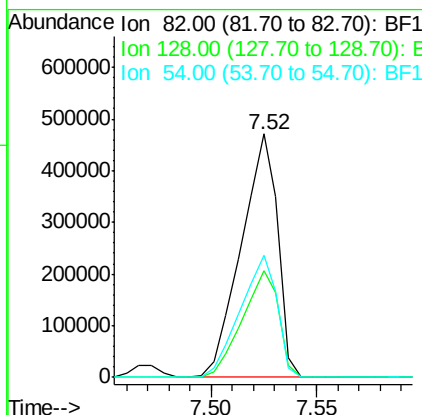
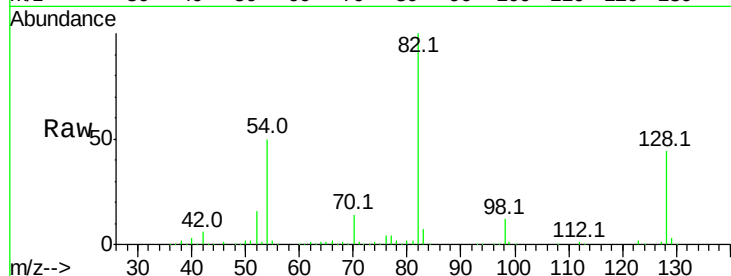
#23
 Nitrobenzene-d5
 Concen: 85.811 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	43.9	36.1	54.1
54	50.0	41.4	62.2

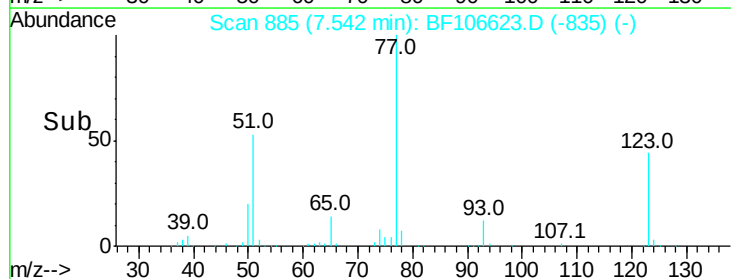
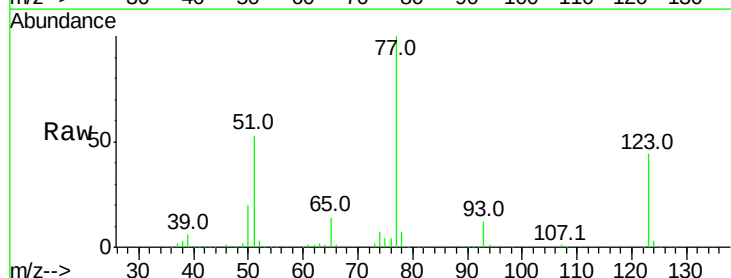
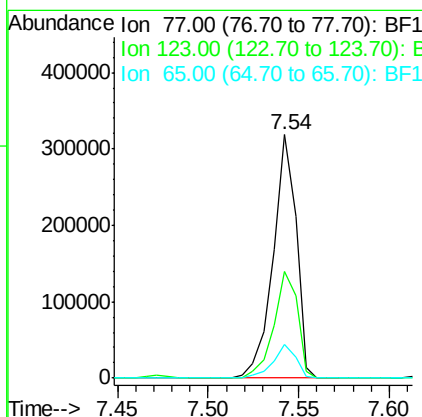
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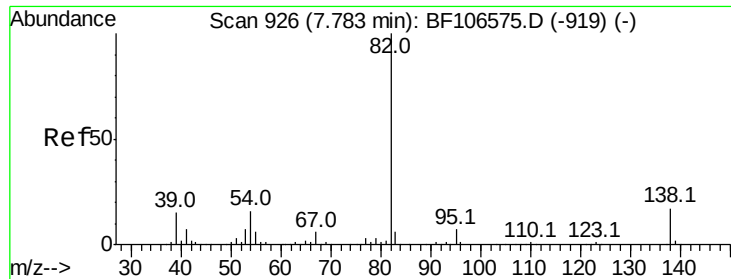
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#24
 Nitrobenzene
 Concen: 41.953 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	44.0	37.9	56.9
65	14.1	11.0	16.4





#25

Isophorone

Concen: 45.139 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

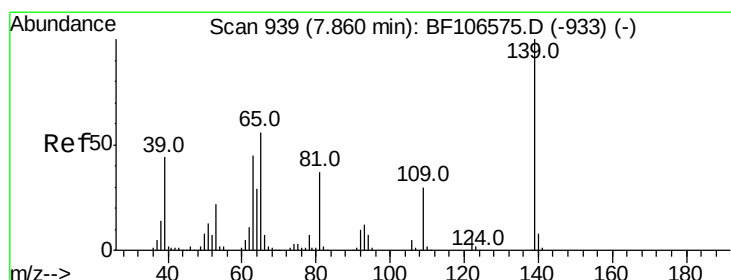
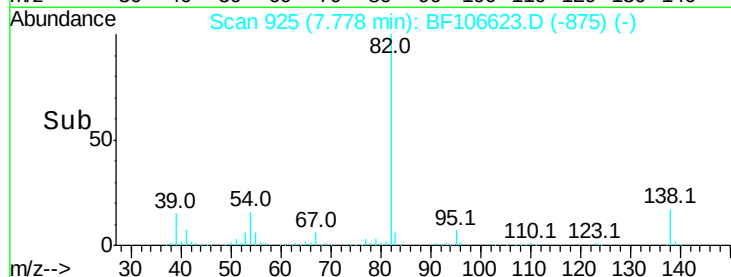
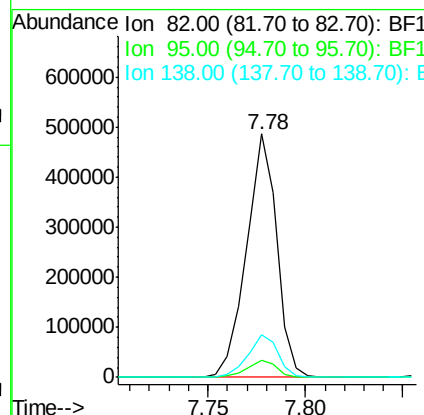
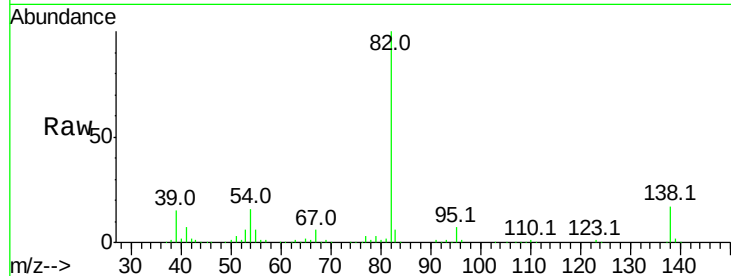
ClientSampleId :

PB110384BS

Tot Ion:	82	Resp:	522718
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 44.830 ng

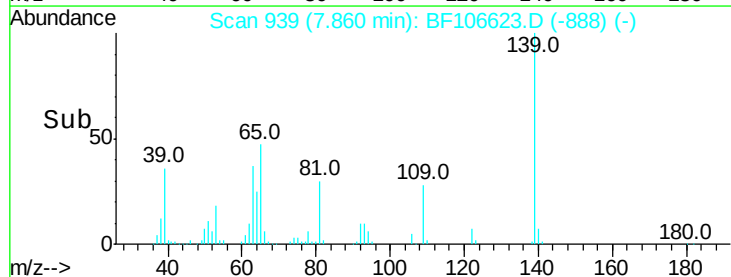
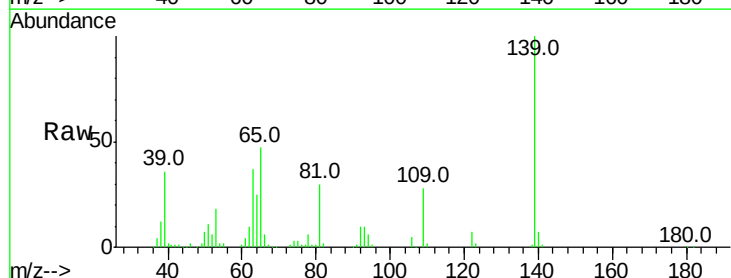
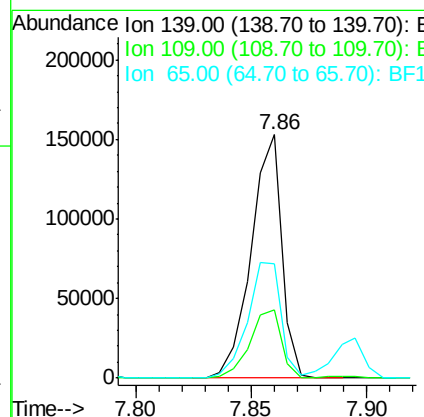
RT: 7.86 min Scan# 939

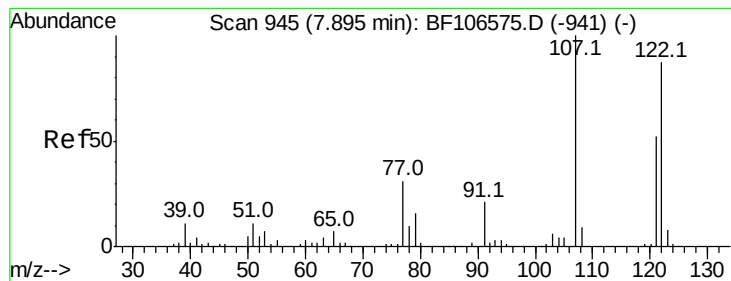
Delta R.T. 0.00 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion:	139	Resp:	141990
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.7	34.1
65	47.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 50.250 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

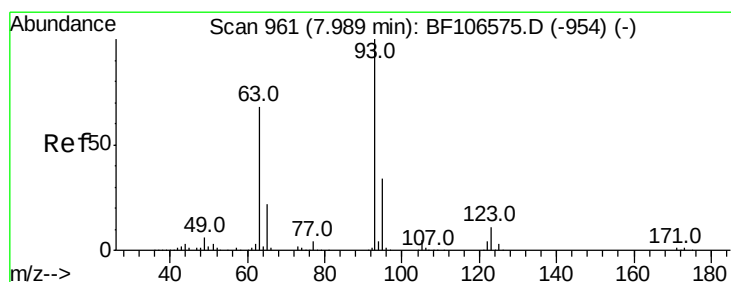
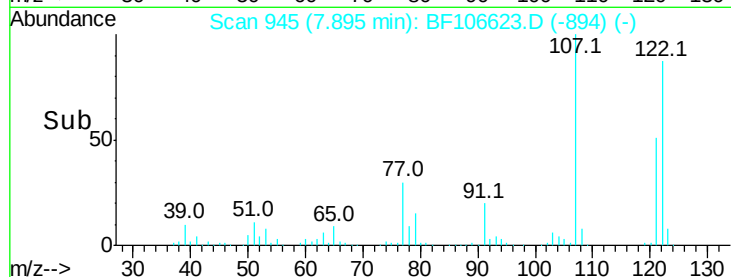
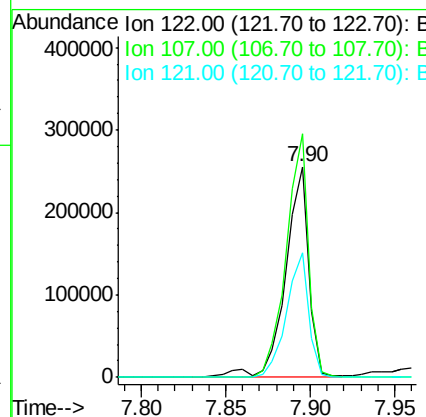
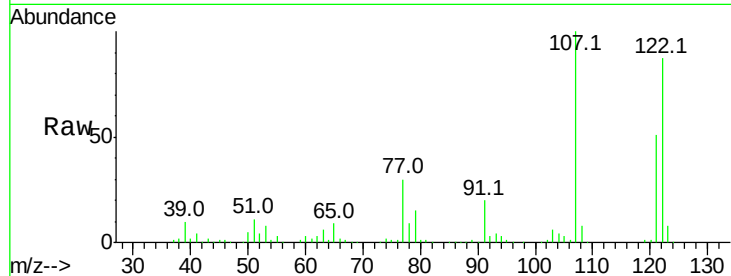
ClientSampleId :

PB110384BS

Tot Ion:	122	Resp:	246001
Ion Ratio	Lower	Upper	
122	100		
107	115.5	91.2	136.8
121	58.9	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.919 ng

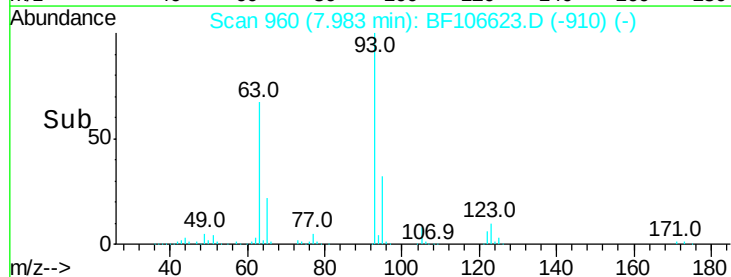
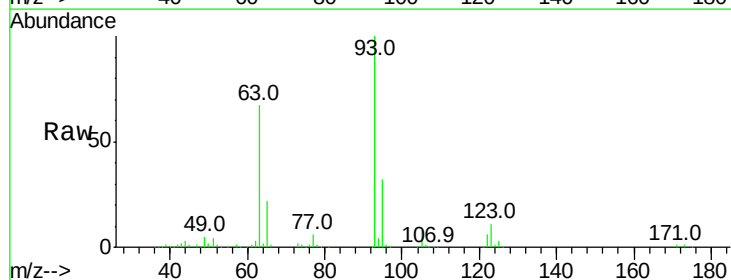
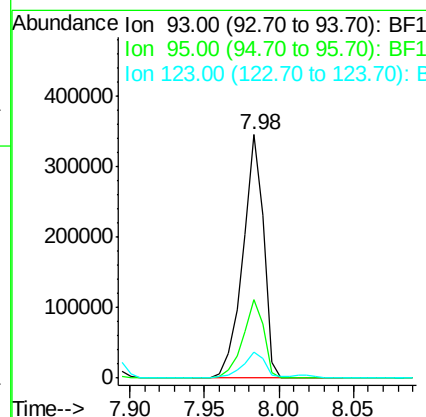
RT: 7.98 min Scan# 960

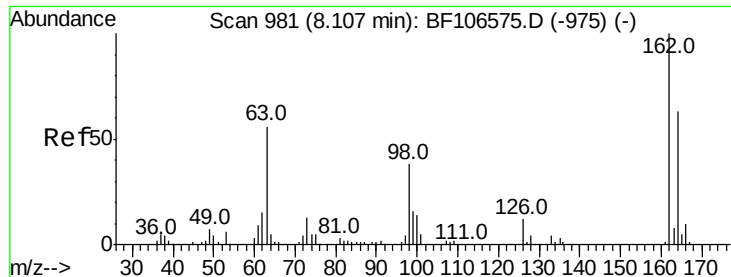
Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion:	93	Resp:	333707
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	10.6	9.8	14.6





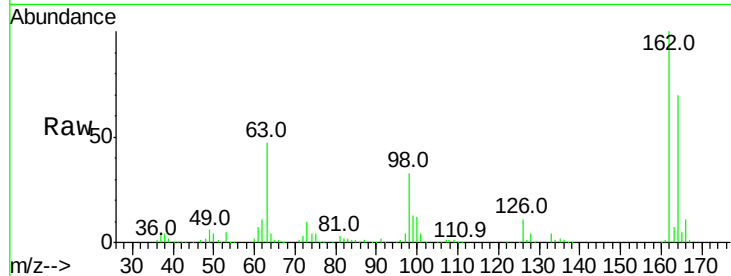
#29
2,4-Dichlorophenol
Concen: 45.881 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

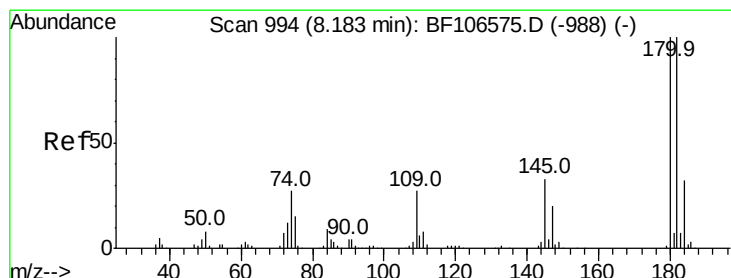
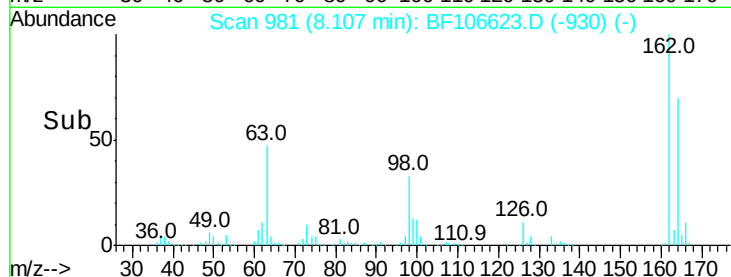
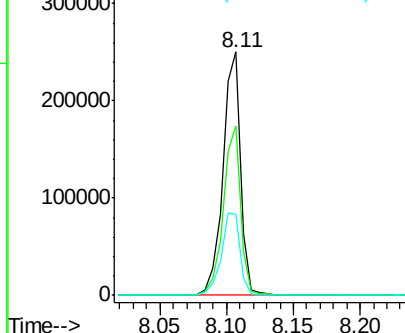
Tot Ion	Ratio	Resp	Lower	Upper
162	100	235151		
164	69.6	42.7	82.7	
98	33.2	18.1	58.1	

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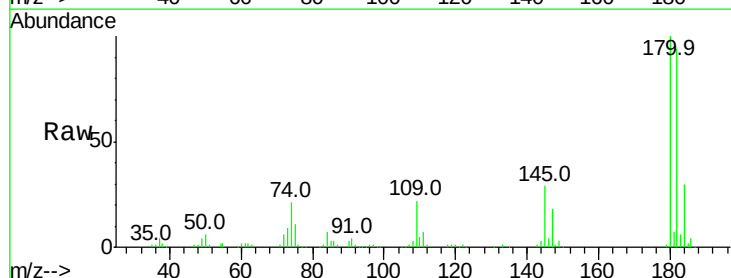


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

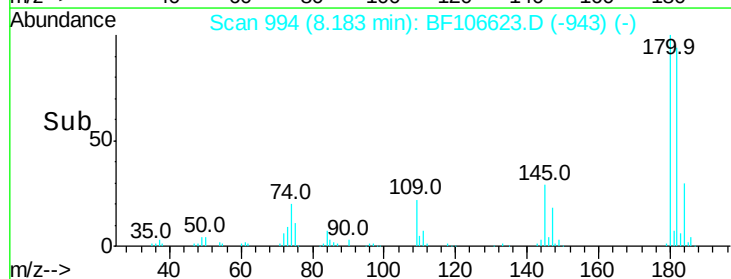
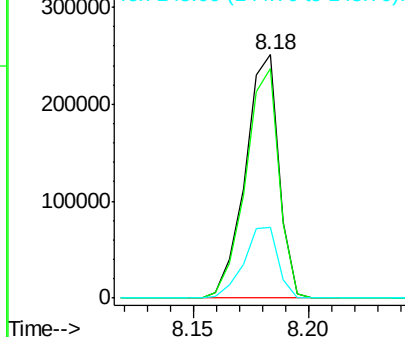


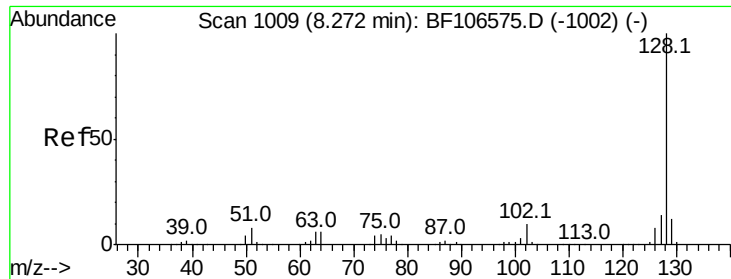
#30
1,2,4-Trichlorobenzene
Concen: 45.211 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	255264		
182	94.3	76.8	115.2	
145	29.2	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





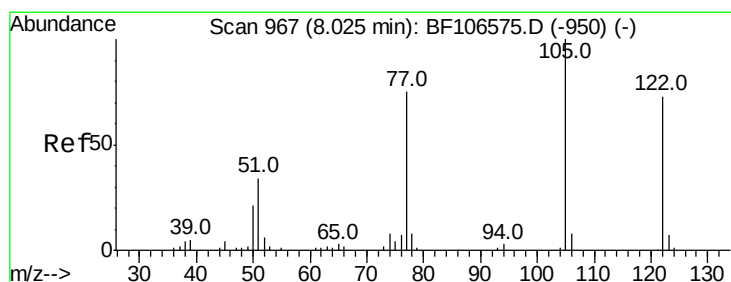
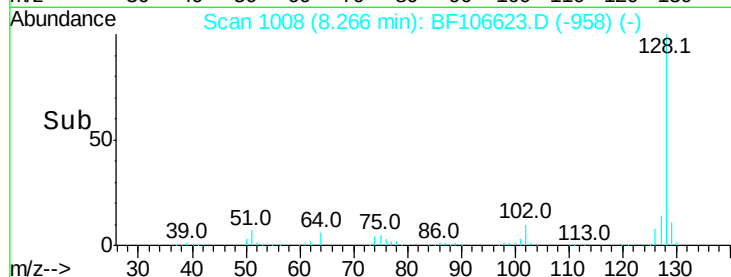
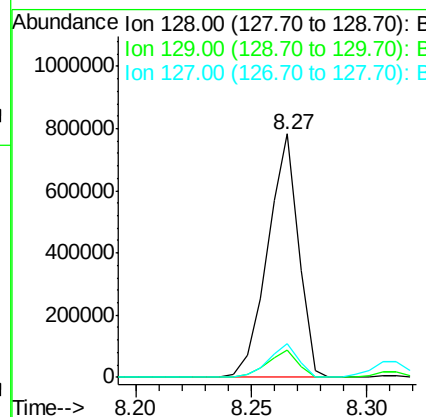
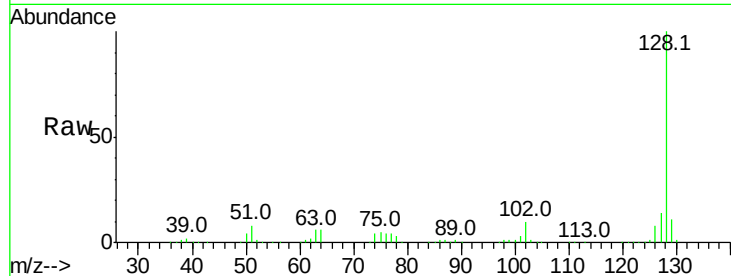
#31
Naphthalene
Concen: 42.451 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.7	10.9	16.3

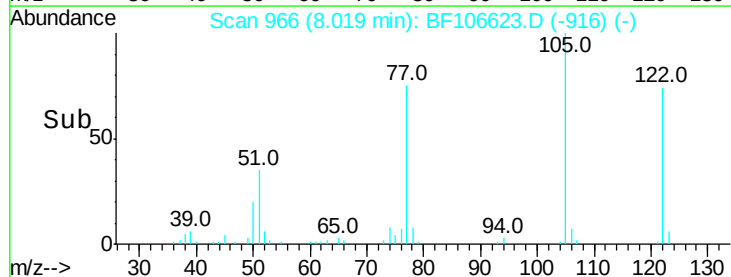
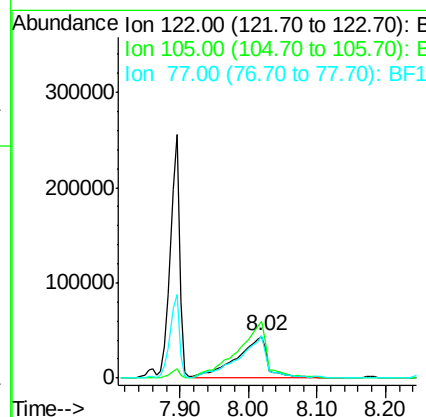
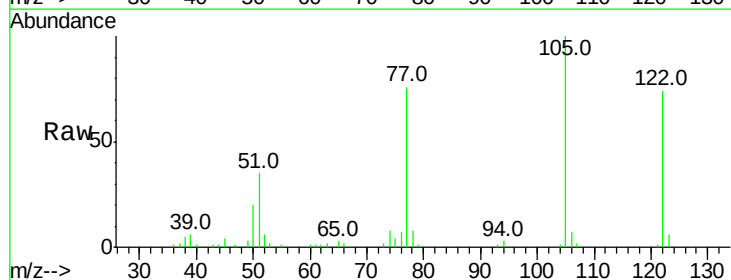
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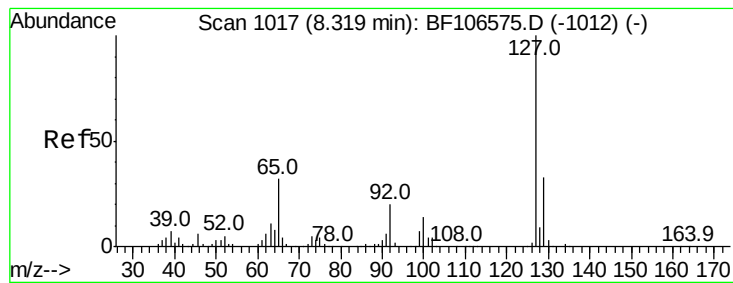
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#32
Benzoic acid
Concen: 39.258 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.8	101.1	141.1
77	103.7	70.7	110.7





#33

4-Chloroaniline

Concen: 9.552 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

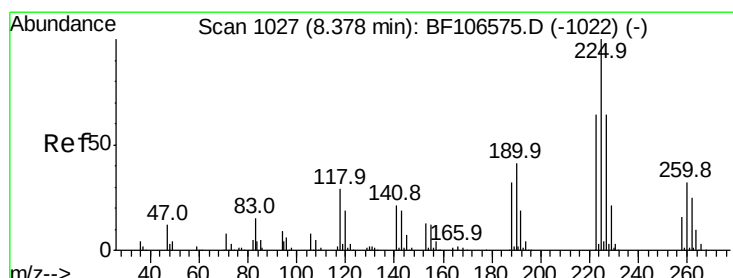
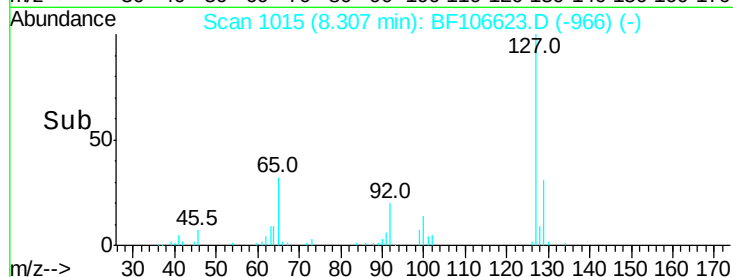
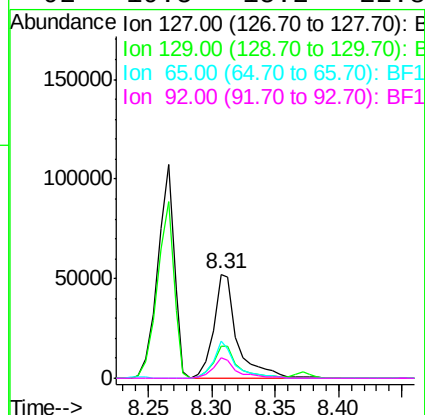
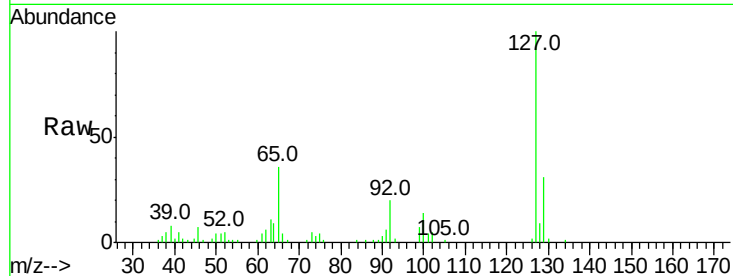
ClientSampled :

PB110384BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	35.6	25.0	37.4
92	19.5	15.2	22.8

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#34

Hexachlorobutadiene

Concen: 45.608 ng

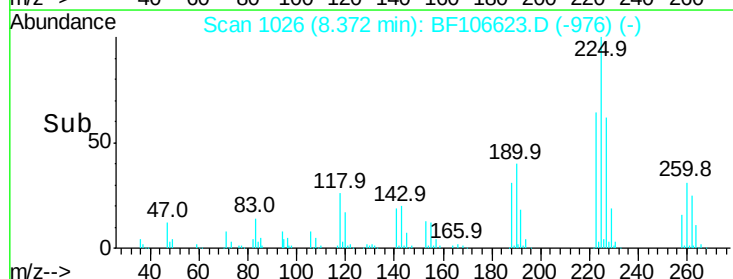
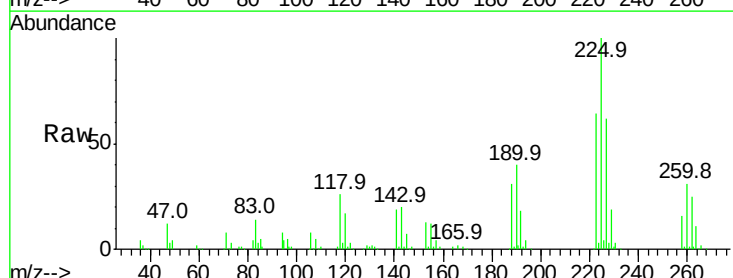
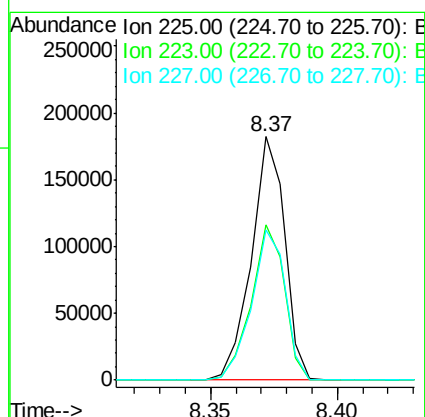
RT: 8.37 min Scan# 1026

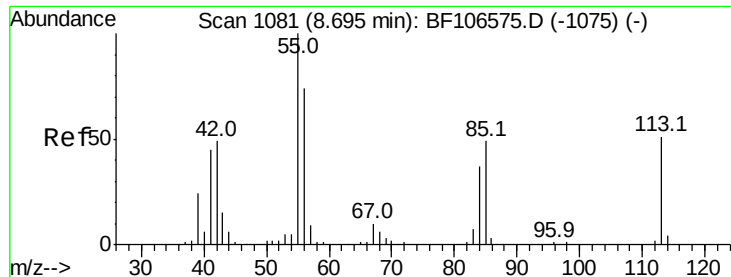
Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	61.8	51.9	77.9





#35

Caprolactam

Concen: 45.958 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

ClientSampleID :

PB110384BS

Tot Ion:113 Resp: 76781

Ion Ratio Lower Upper

113 100

55 191.6 163.3 203.3

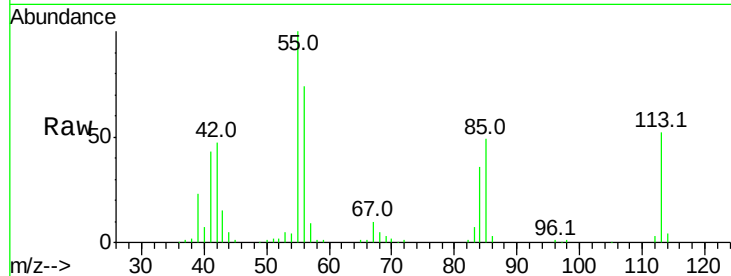
56 142.1 115.7 155.7

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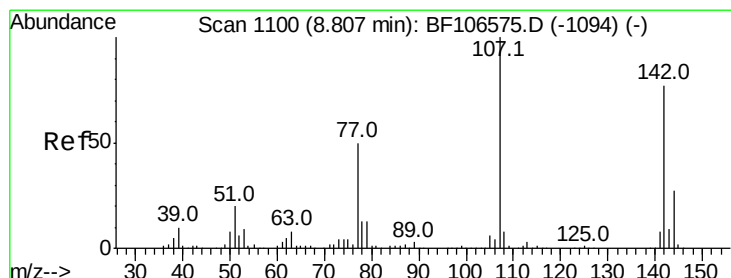
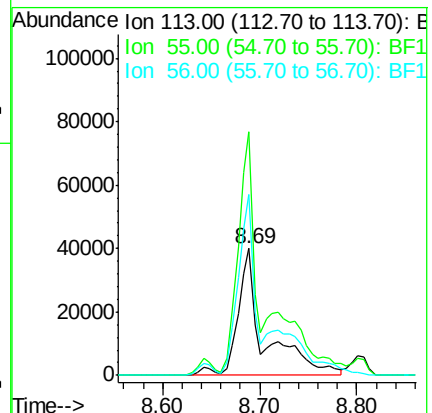
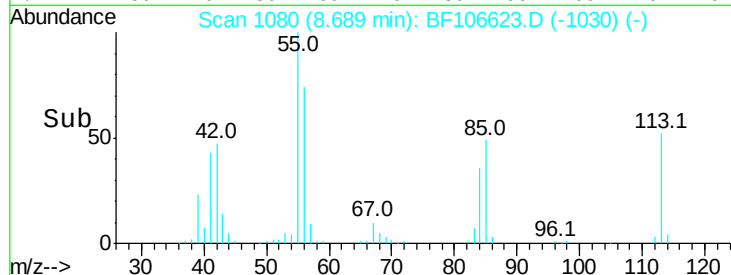
6/21/2018 11:27:54 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.950 ng/mL

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

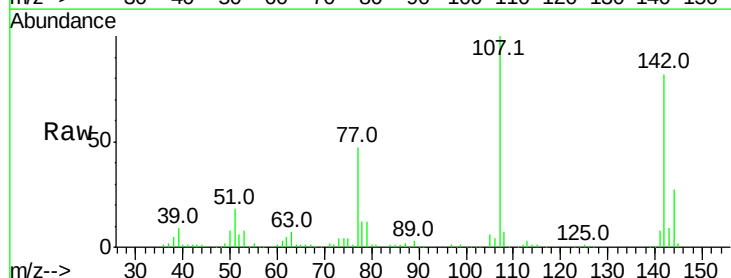
Tgt Ion:107 Resp: 253280

Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

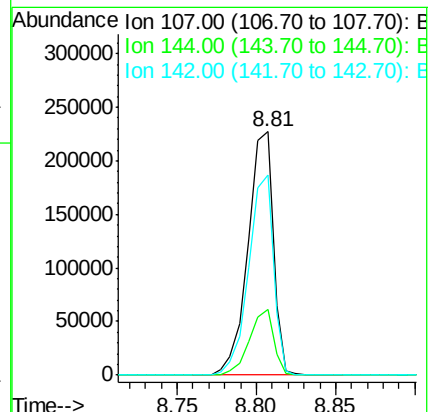
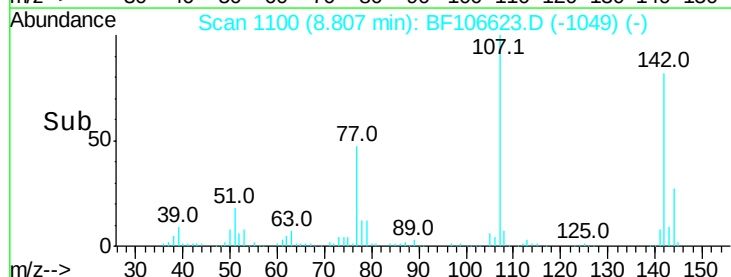
142 82.3 62.0 93.0

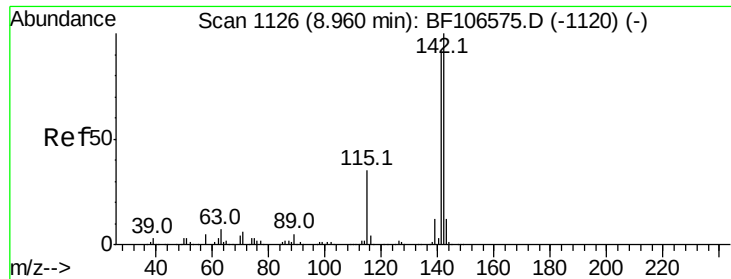


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





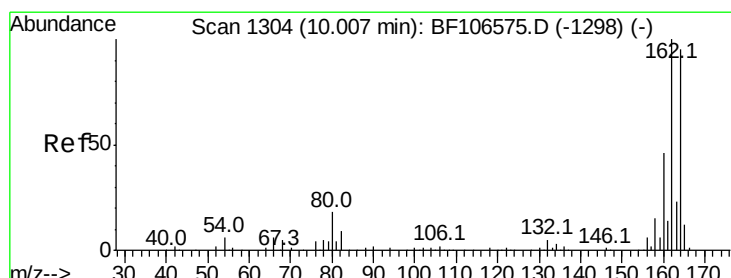
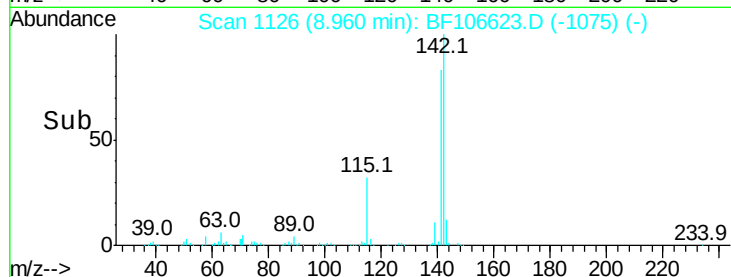
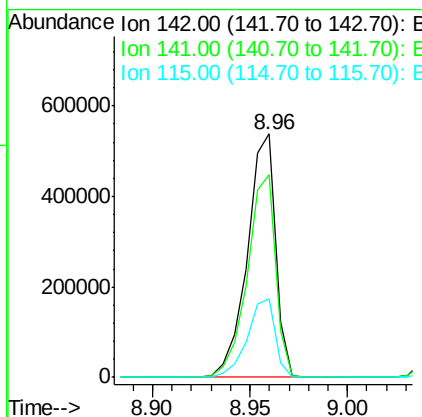
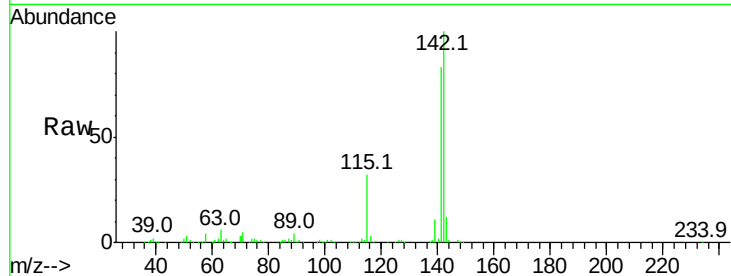
#37
2-Methylnaphthalene
Concen: 47.734 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.1	70.8	106.2
115	32.1	26.1	39.1

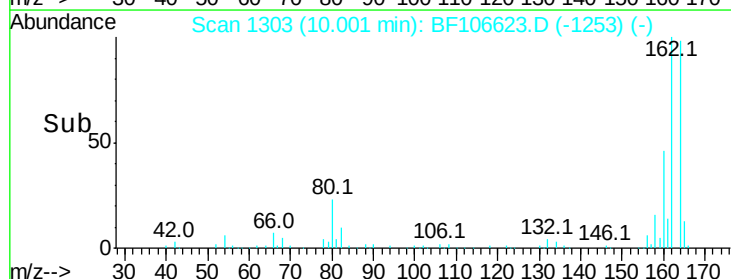
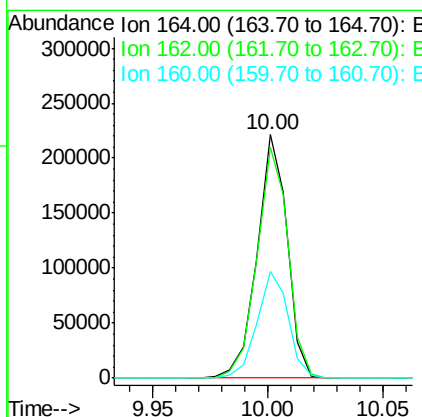
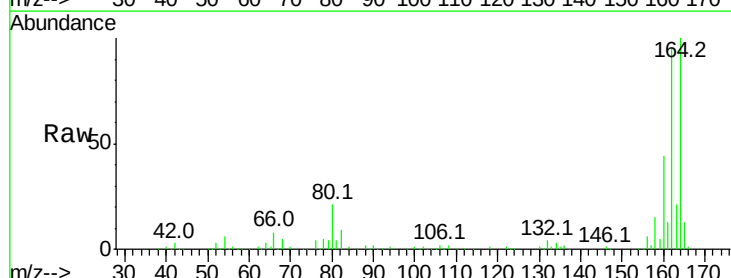
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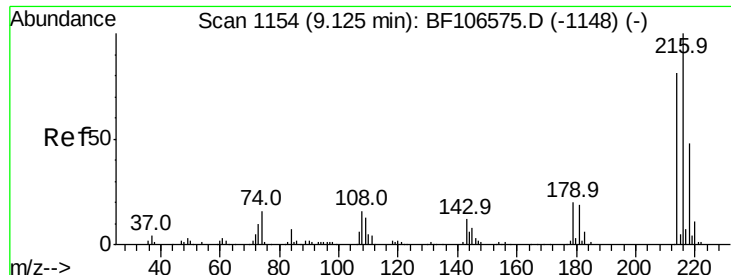
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.0	86.1	129.1
160	44.0	38.3	57.5





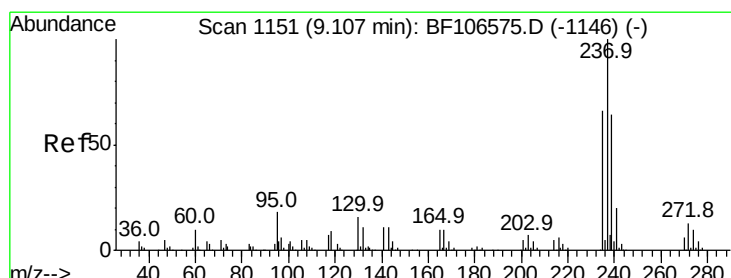
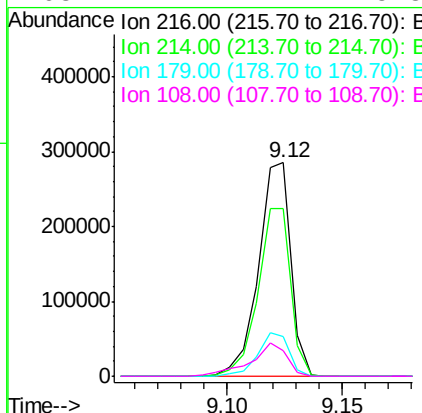
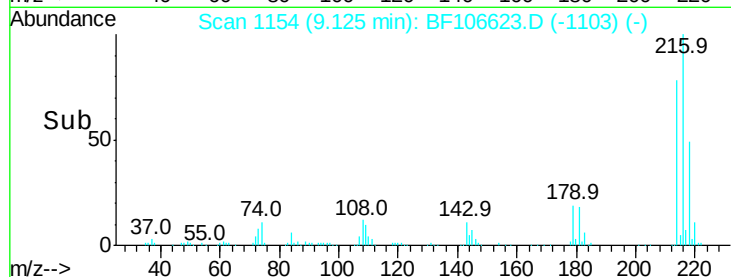
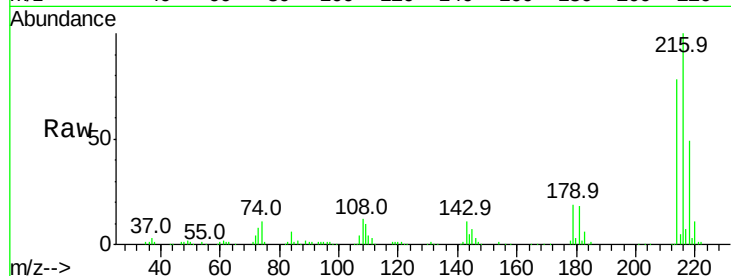
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.239 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.7	18.1	27.1
108	17.4	17.2	25.8

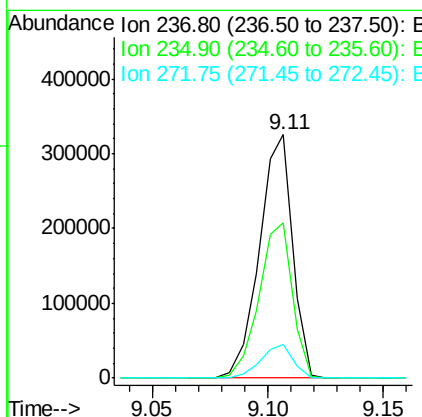
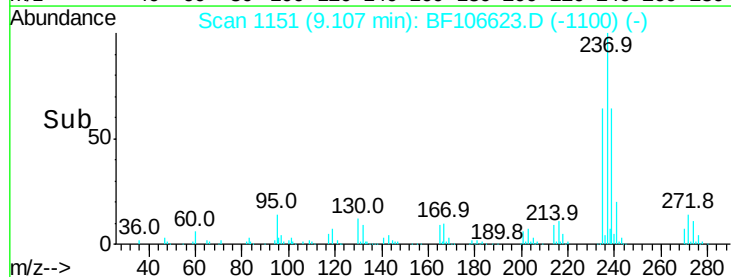
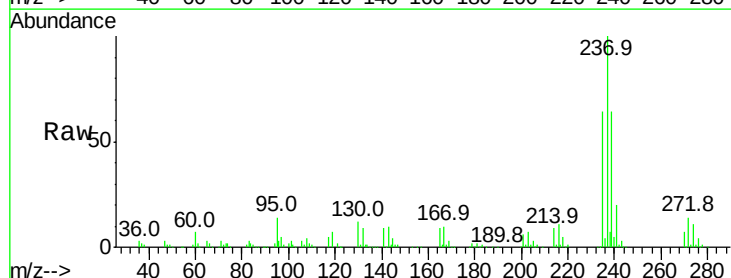
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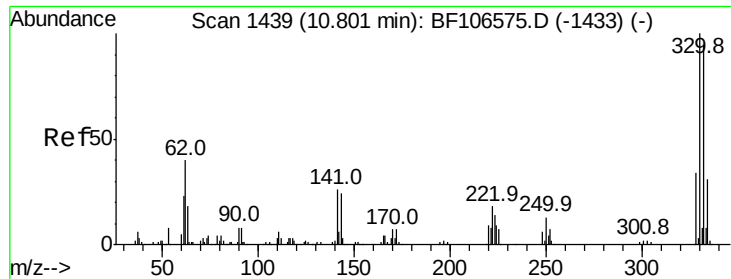
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#40
 Hexachlorocyclopentadiene
 Concen: 93.739 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	44.8	84.8
272	13.6	0.0	33.3





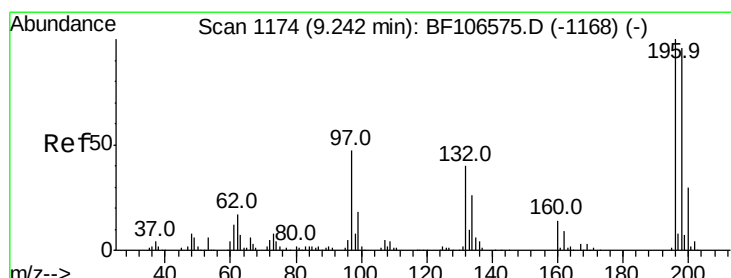
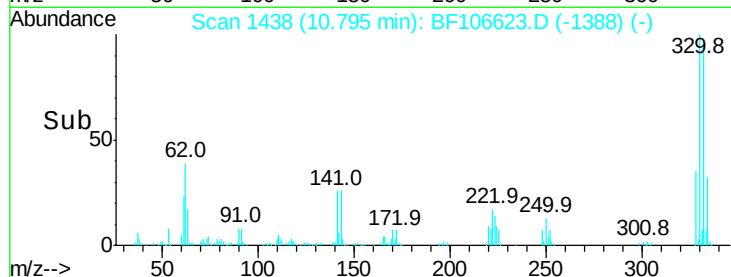
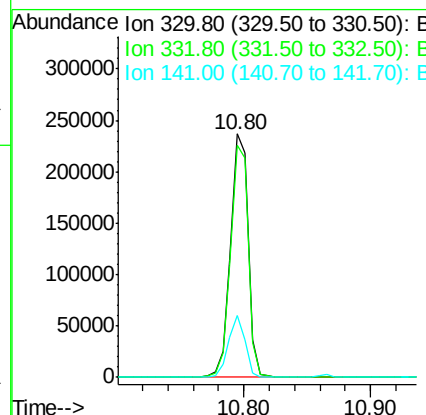
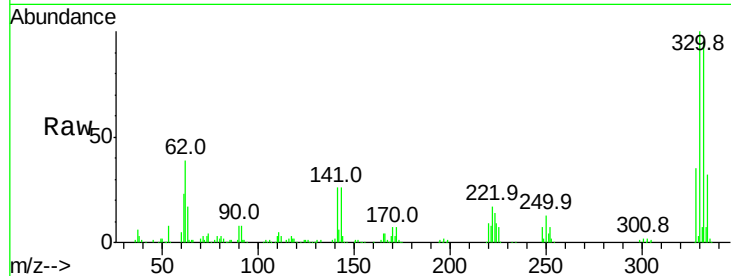
#41
 2,4,6-Tribromophenol
 Concen: 98.187 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	24.4	29.9	44.9	

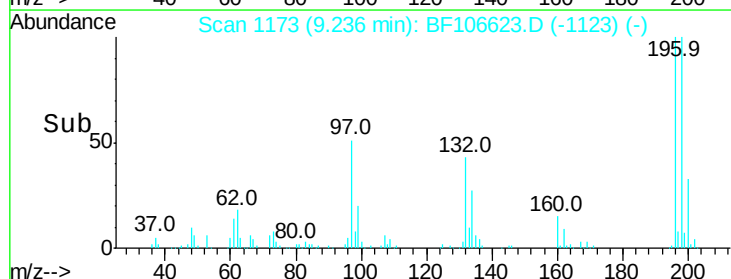
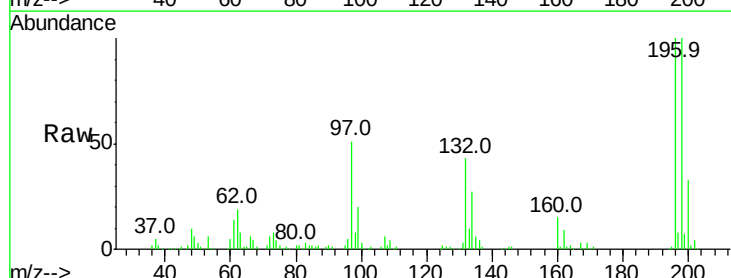
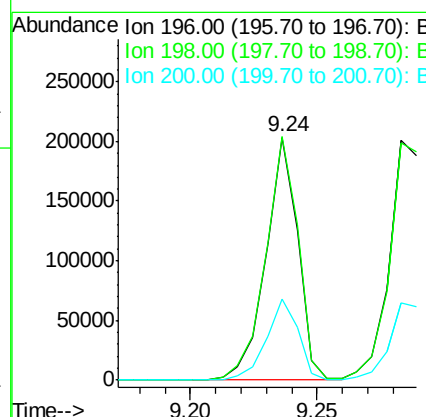
Manual Integrations
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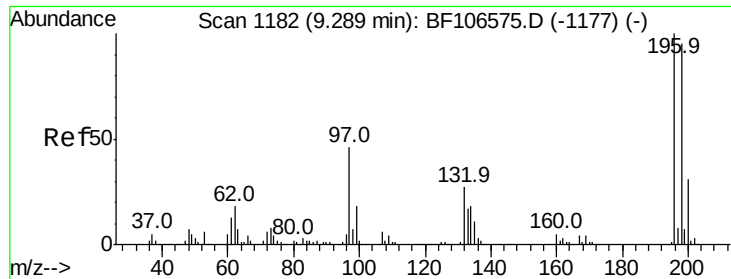
Sohil
 6/21/2018 11:27:54 AM



#42
 2,4,6-Trichlorophenol
 Concen: 40.396 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.3	75.7	113.5	
200	33.2	24.5	36.7	





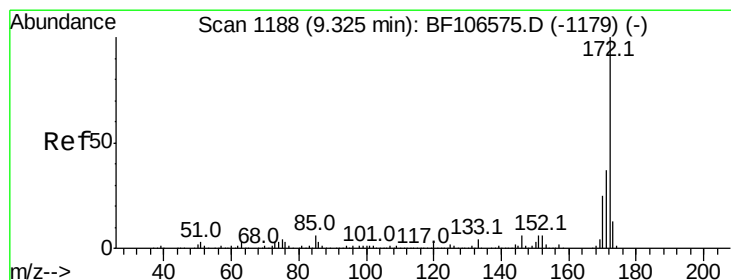
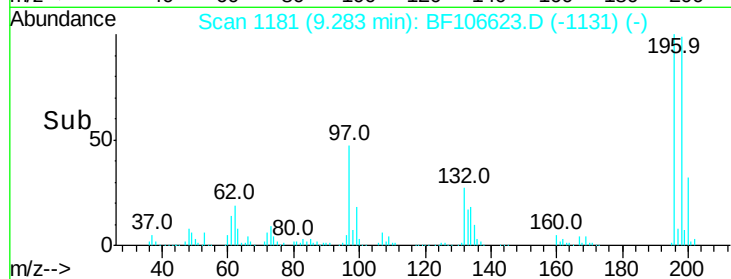
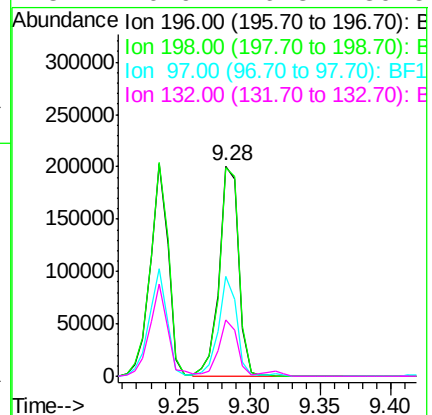
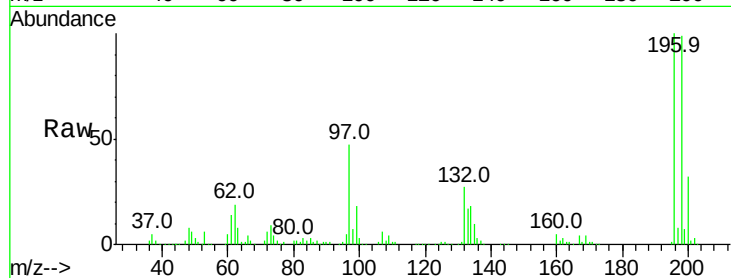
#43
 2,4,5-Trichlorophenol
 Concen: 41.139 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192608		
198	99.2	74.6	112.0	
97	47.2	42.9	64.3	
132	26.9	26.3	39.5	

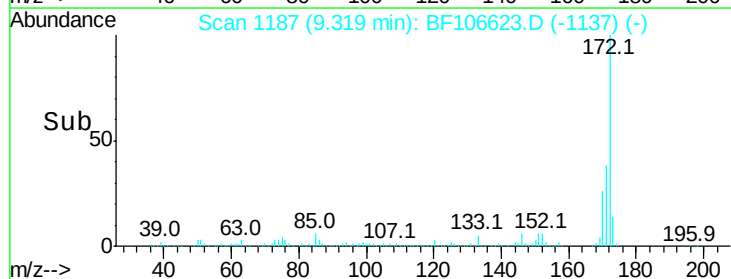
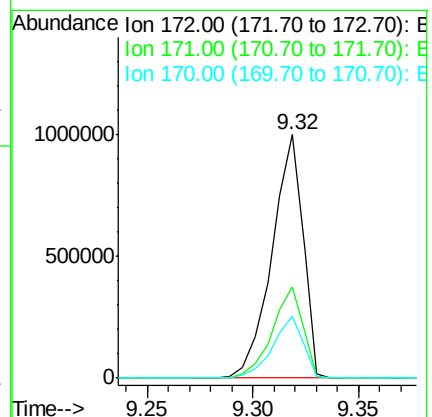
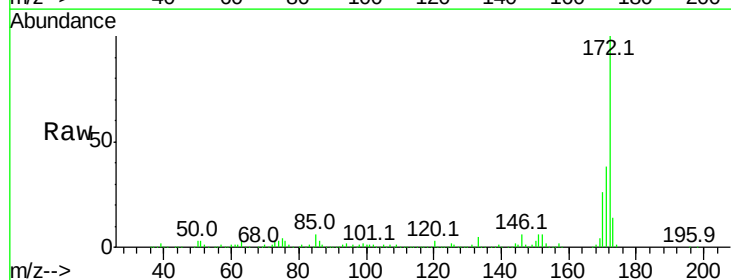
Manual Integrations
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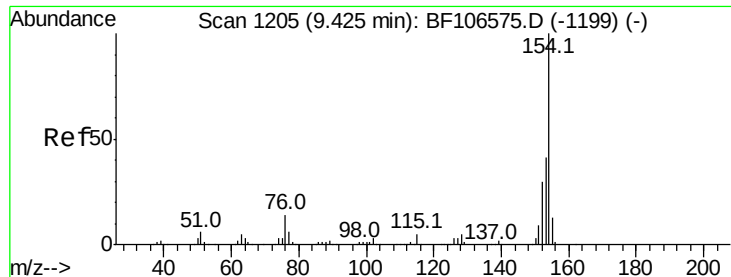
Sohil
 6/21/2018 11:27:54 AM



#44
 2-Fluorobiphenyl
 Concen: 86.805 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1024210		
171	37.7	29.7	44.5	
170	25.6	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 40.751 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

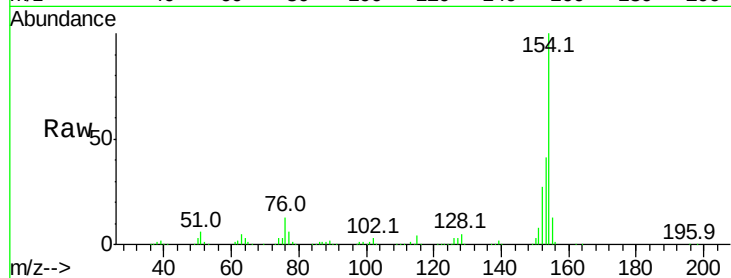
ClientSampleId :

PB110384BS

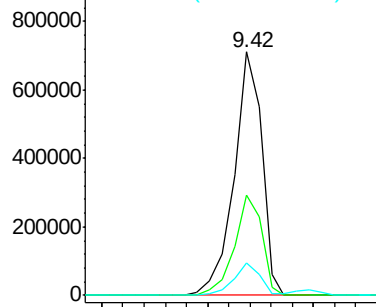
Tot Ion:	154	Resp:	650947
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.3	61.3
76	13.2	0.0	34.0

Manual Integrations
APPROVED

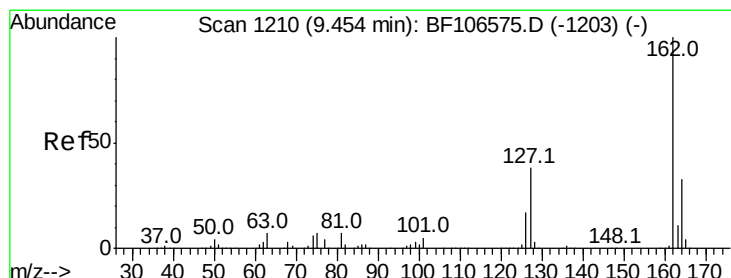
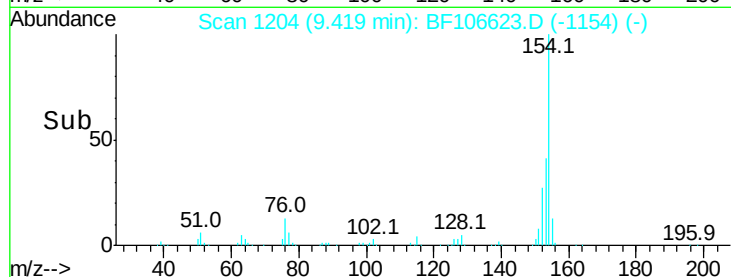
Sohil
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



Time-->



#46

2-Chloronaphthalene

Concen: 38.850 ng

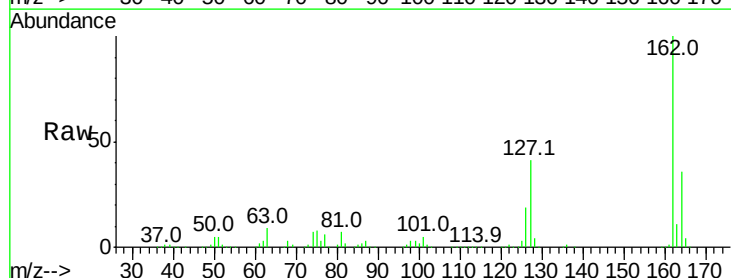
RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

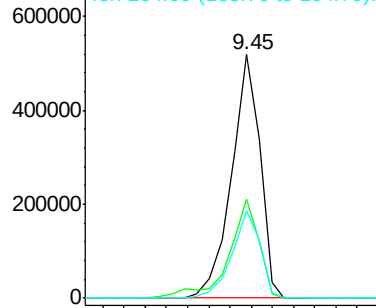
Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

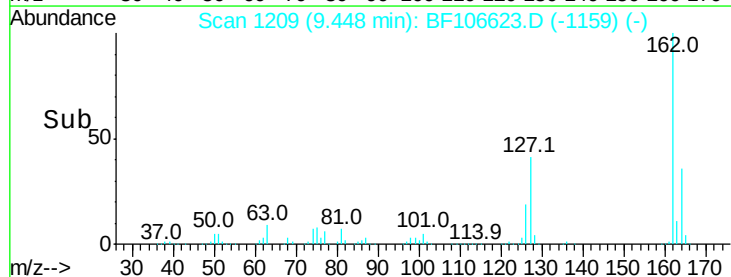
Tgt Ion:	162	Resp:	488485
Ion Ratio	Lower	Upper	
162	100		
127	40.6	33.9	50.9
164	36.1	26.5	39.7

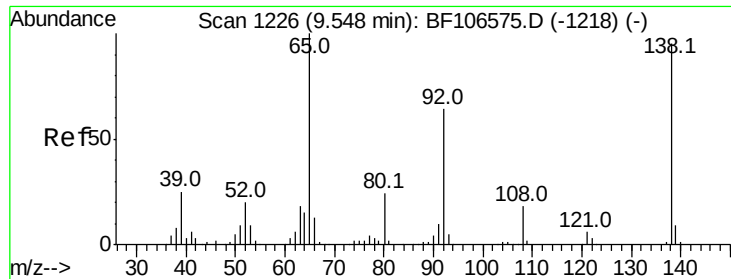


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->





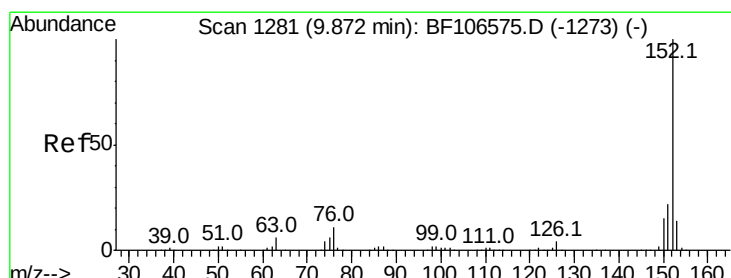
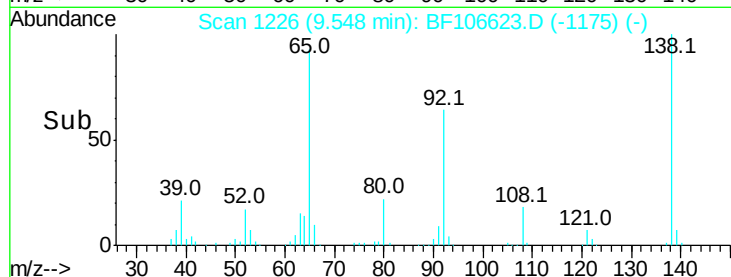
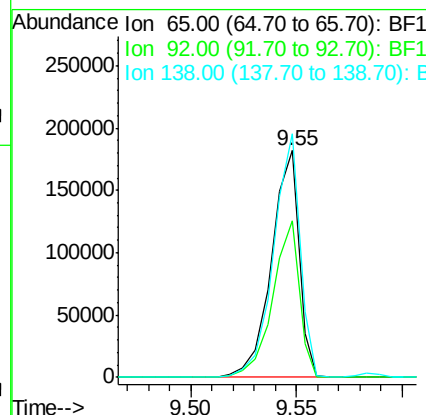
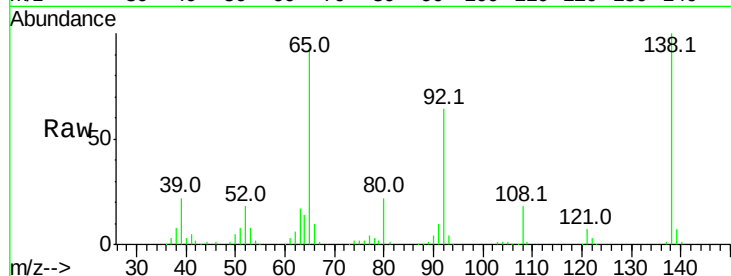
#47
2-Nitroaniline
Concen: 39.265 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.9	55.8	83.6
138	107.4	91.2	136.8

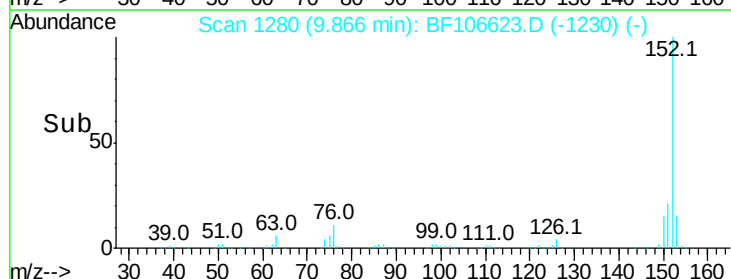
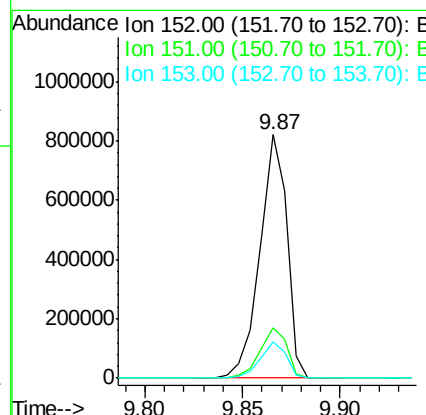
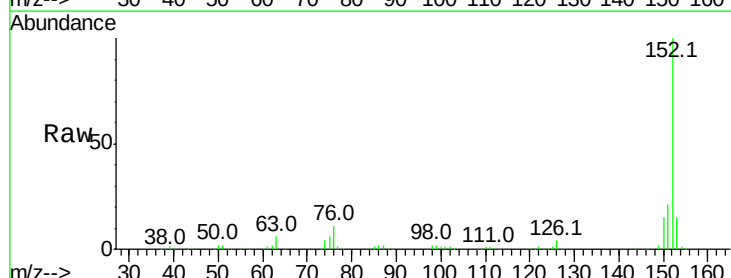
Manual Integrations
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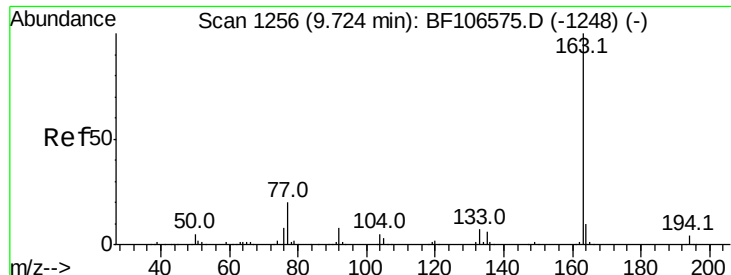
Sohil
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#48
Acenaphthylene
Concen: 39.696 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.7	10.7	16.1





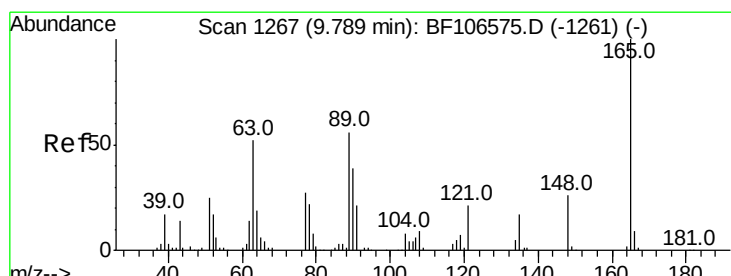
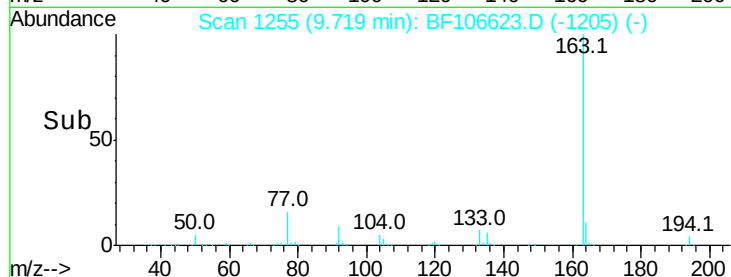
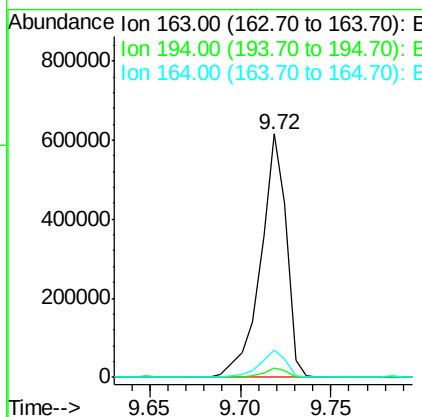
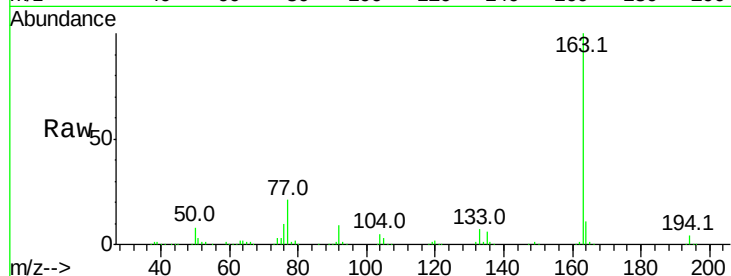
#49
Dimethylphthalate
Concen: 40.237 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	604875		
194	3.9		2.7	4.1
164	11.4		8.2	12.2

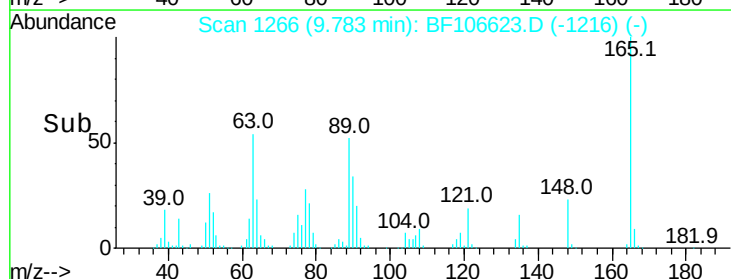
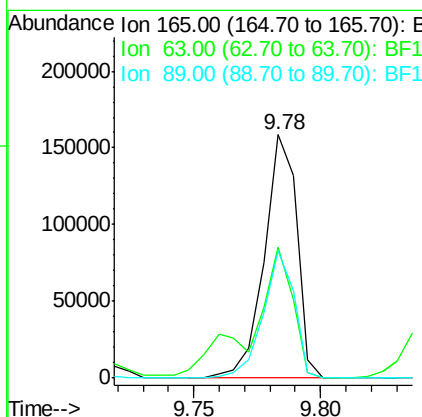
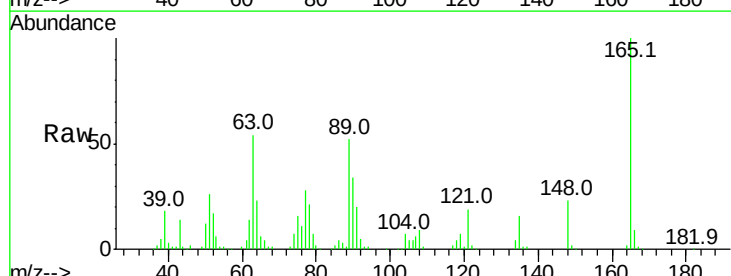
Manual Integrations
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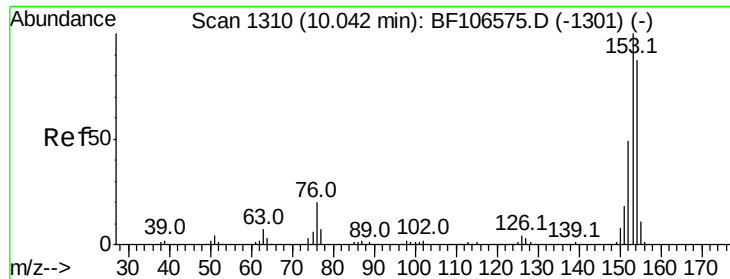
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.053 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143417		
63	53.8		44.7	67.1
89	52.4		44.0	66.0





#51

Acenaphthene

Concen: 38.349 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

ClientSampleId :

PB110384BS

Tot Ion:154 Resp: 479383

Ion Ratio Lower Upper

154 100

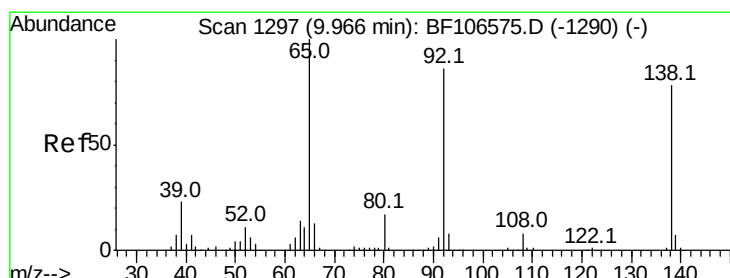
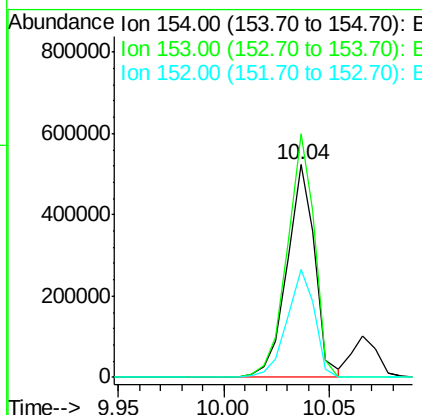
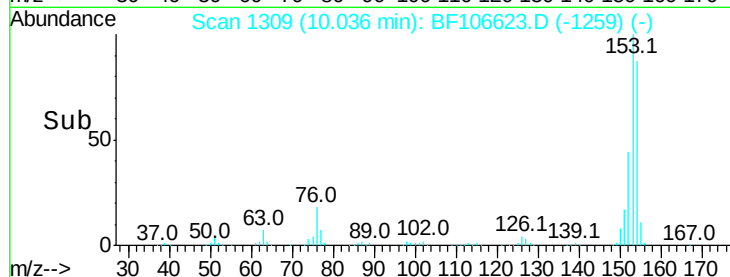
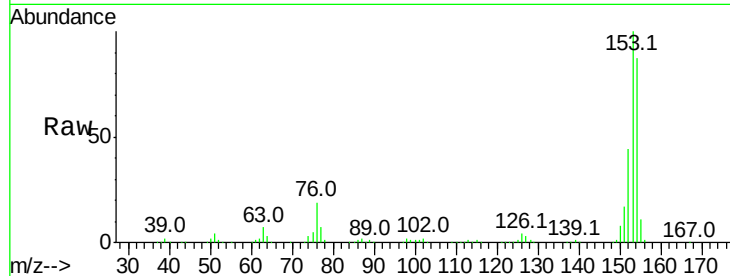
153 114.4 91.2 136.8

152 50.8 43.8 65.8

Manual Integrations
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Sohil

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#52

3-Nitroaniline

Concen: 15.439 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

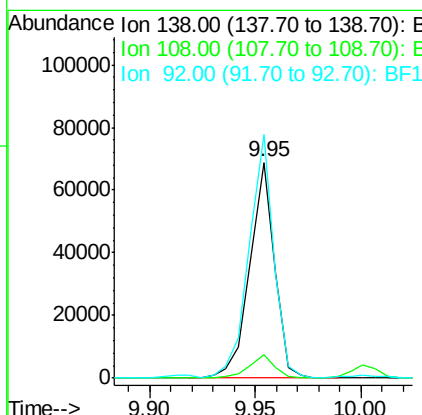
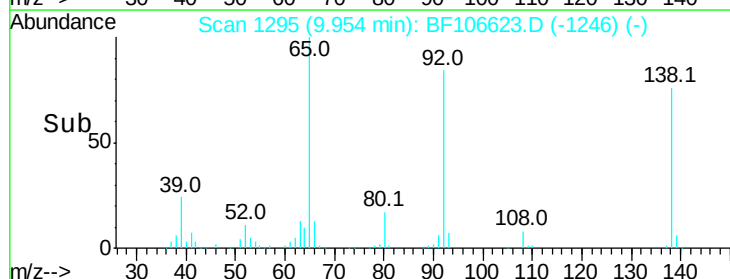
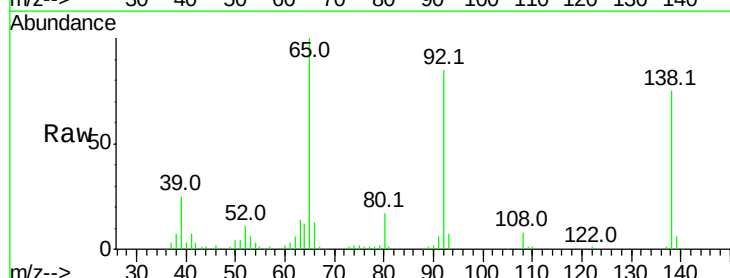
Tgt Ion:138 Resp: 56554

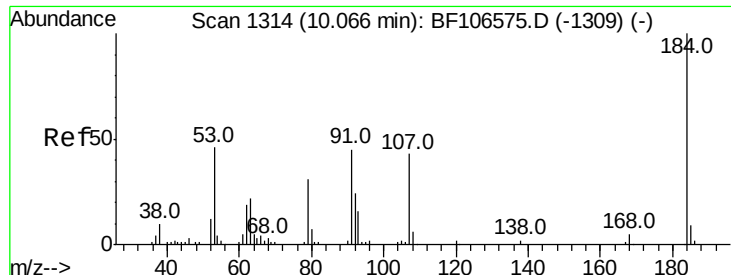
Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

92 112.9 89.4 134.2





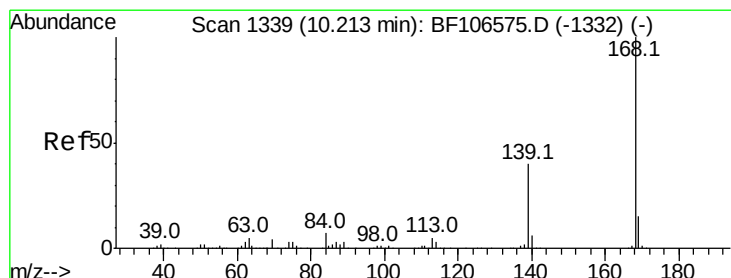
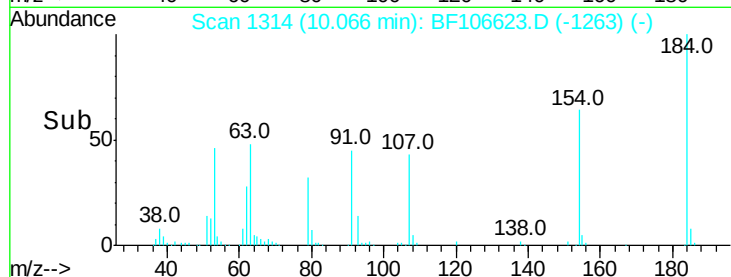
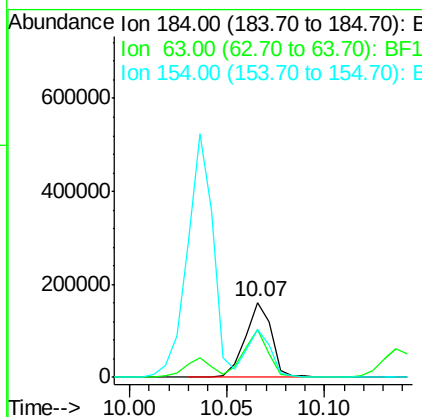
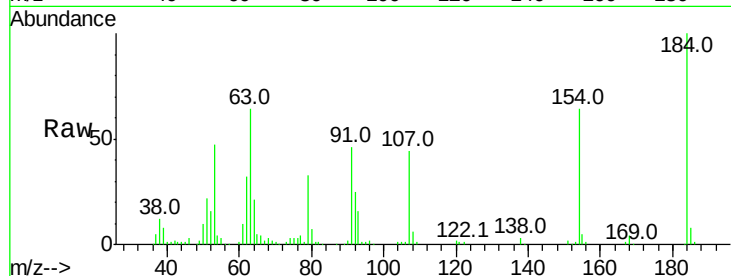
#53
 2,4-Dinitrophenol
 Concen: 91.160 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.5	54.2	81.2
154	64.1	184.0	276.0#

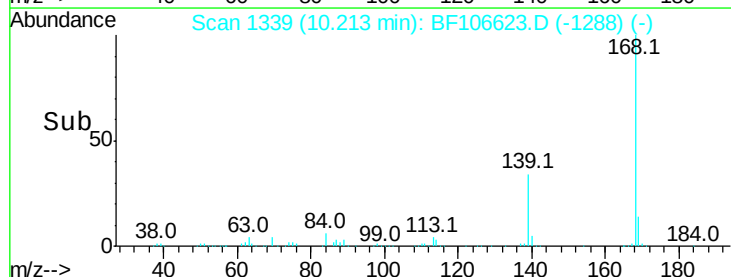
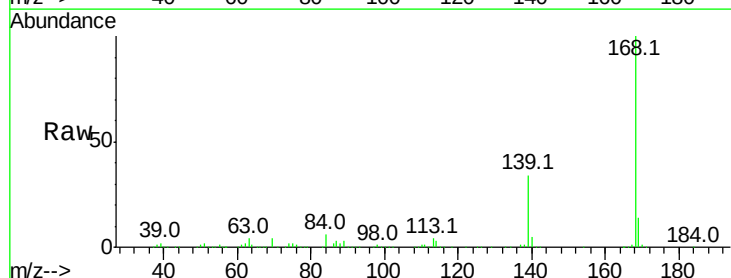
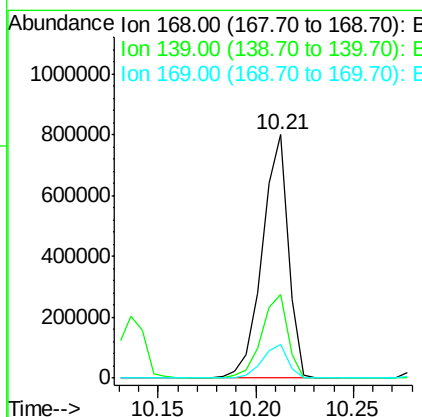
Manual Integrations
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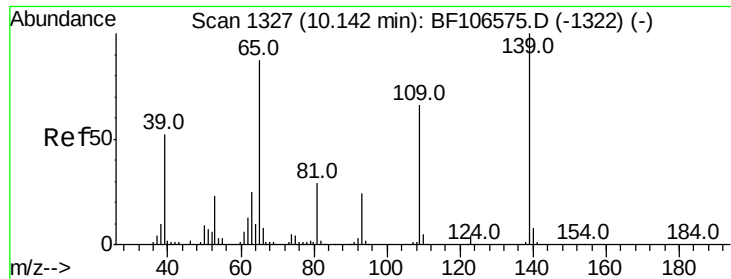
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#54
 Dibenzofuran
 Concen: 43.130 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.2	30.1	45.1
169	13.6	10.9	16.3





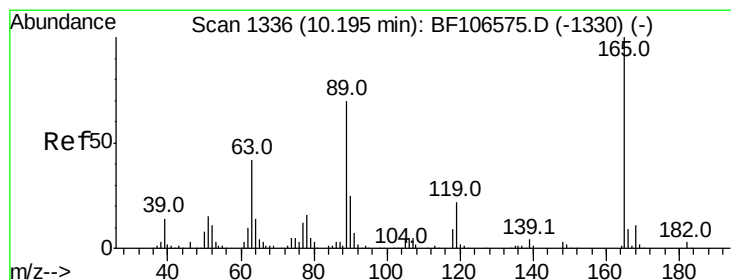
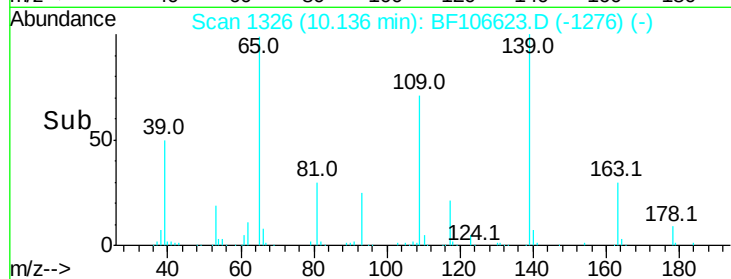
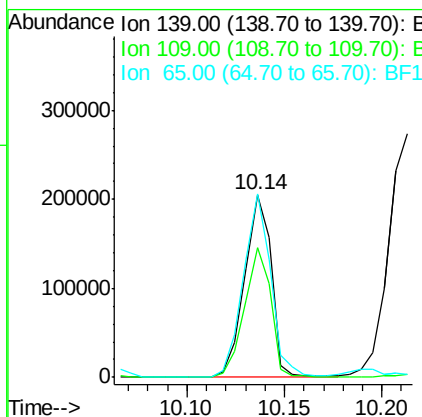
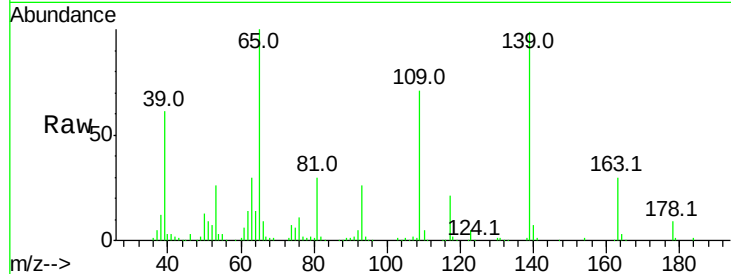
#55
4-Nitrophenol
Concen: 76.533 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.0	48.4	88.4
65	100.5	72.6	112.6

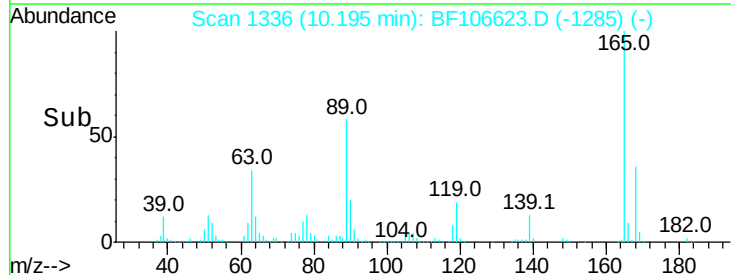
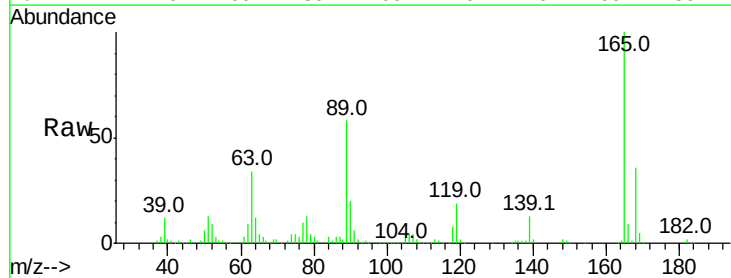
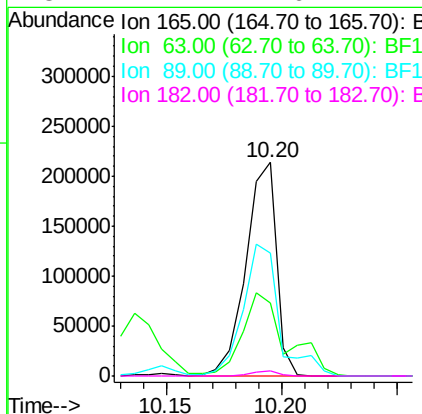
Manual Integrations
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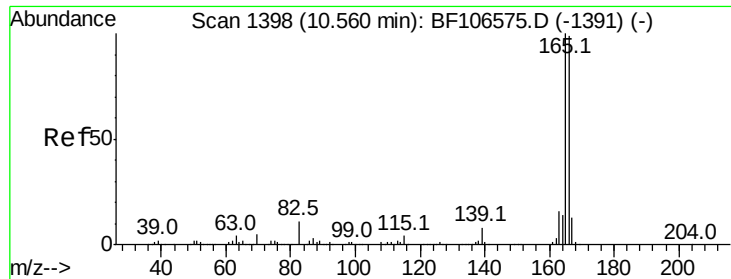
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.832 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.4	36.4	54.6#
89	57.5	57.8	86.6#
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 42.102 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

ClientSampleId :

PB110384BS

Tot Ion:166 Resp: 571869

Ion Ratio Lower Upper

166 100

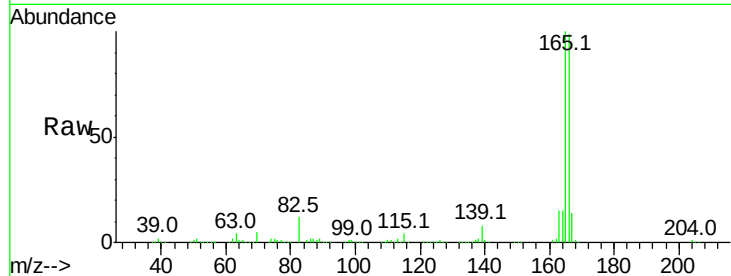
165 100.9 79.8 119.8

167 13.7 10.6 16.0

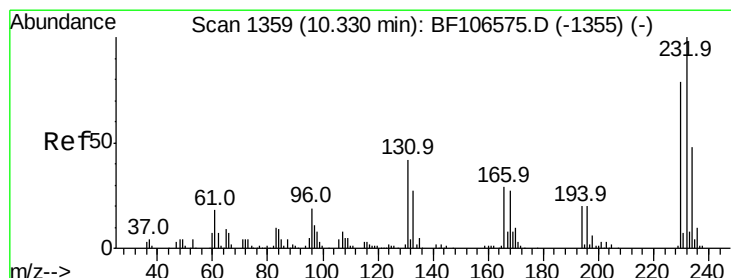
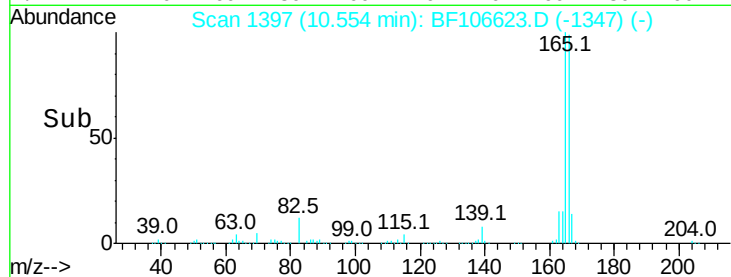
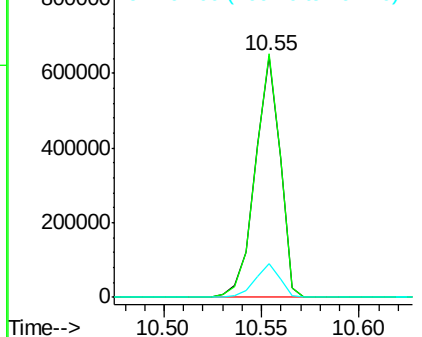
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.083 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion:232 Resp: 178952

Ion Ratio Lower Upper

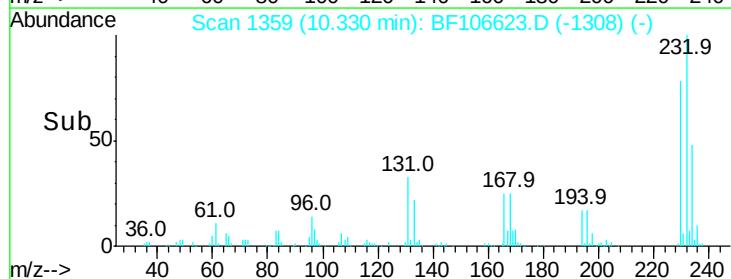
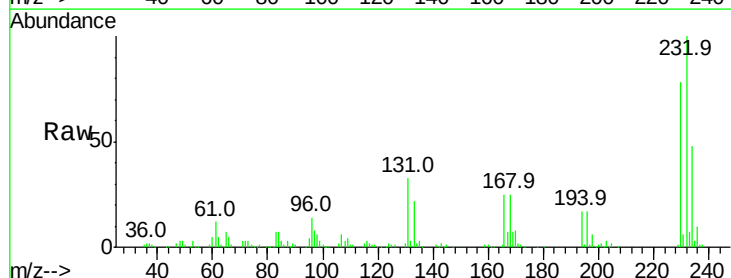
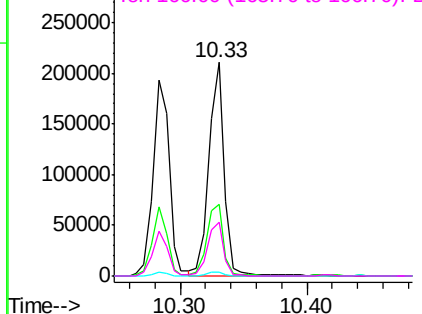
232 100

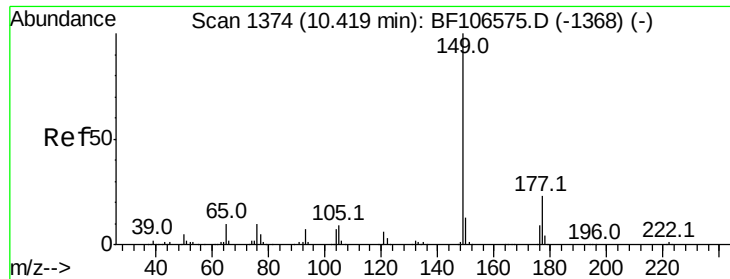
131 36.2 43.8 65.8#

130 1.8 2.1 3.1#

166 27.0 27.8 41.6#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





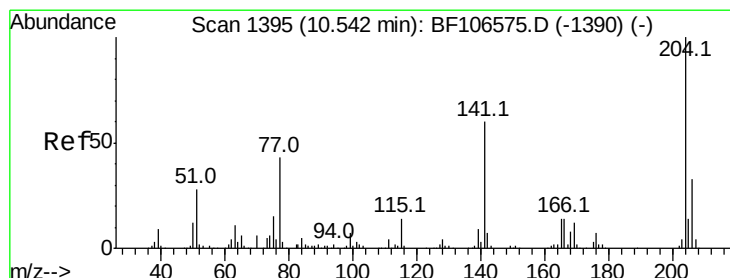
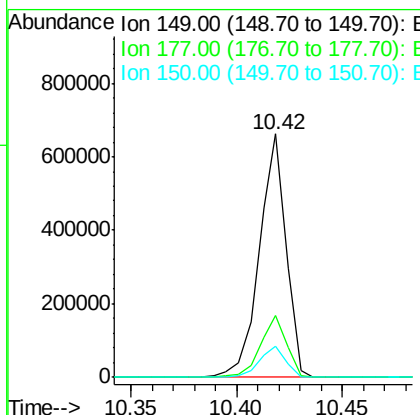
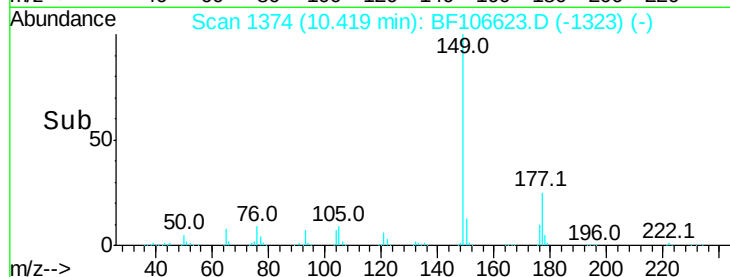
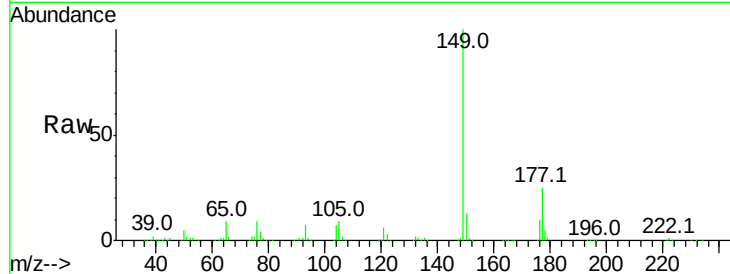
#59
Diethylphthalate
Concen: 39.964 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	579849		
177	25.2	16.1	24.1#	
150	12.9	10.1	15.1	

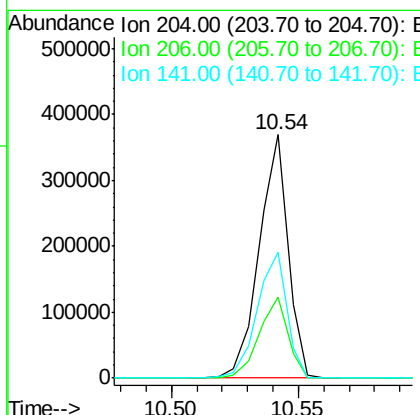
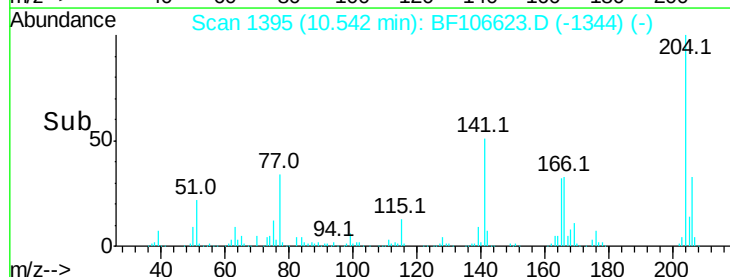
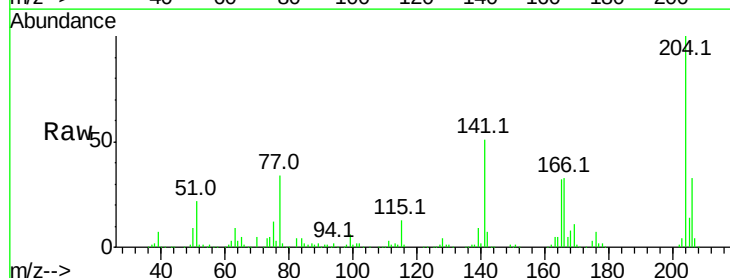
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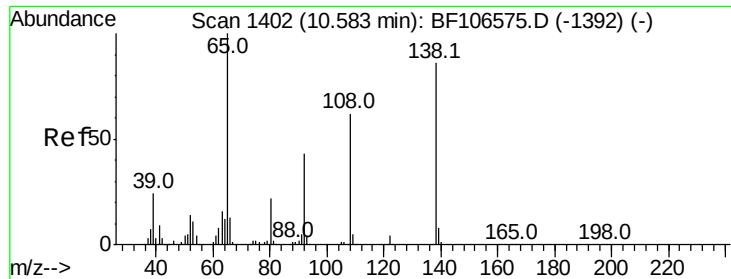
Sohil
6/21/2018 11:27:54 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.470 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	294729		
206	33.3	26.5	39.7	
141	51.4	54.6	81.8#	





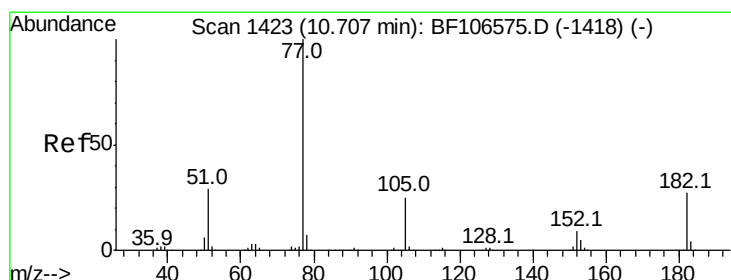
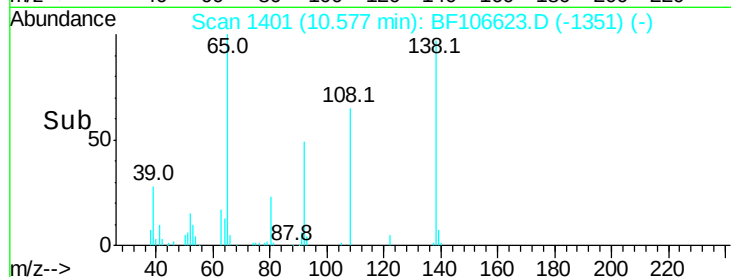
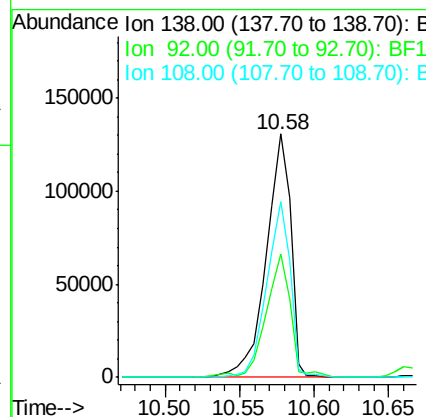
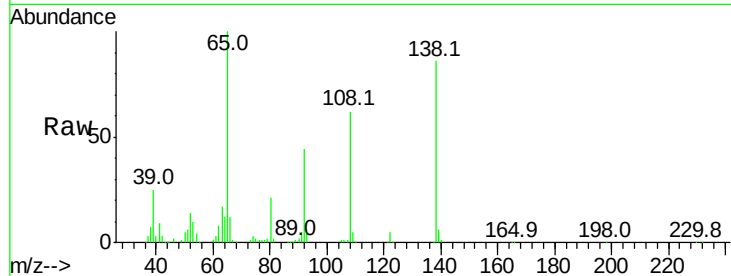
#61
4-Nitroaniline
Concen: 40.594 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.2	70.2
108	72.0	52.5	92.5

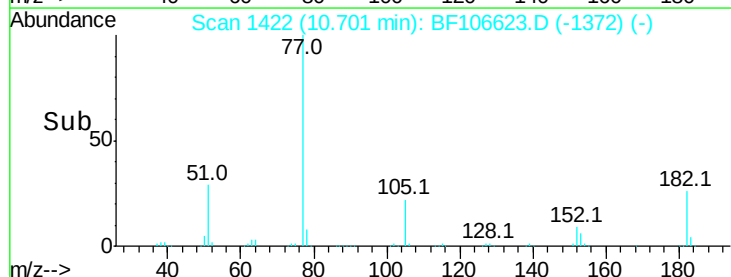
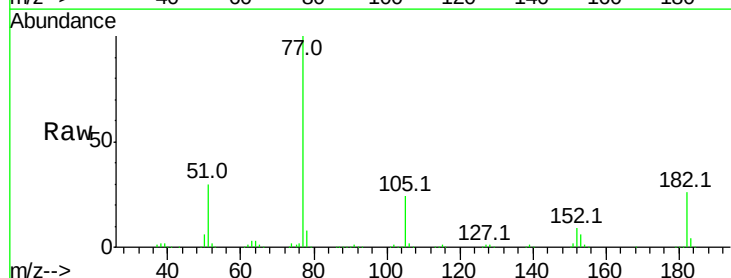
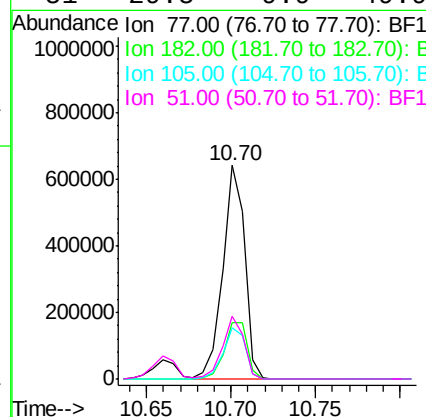
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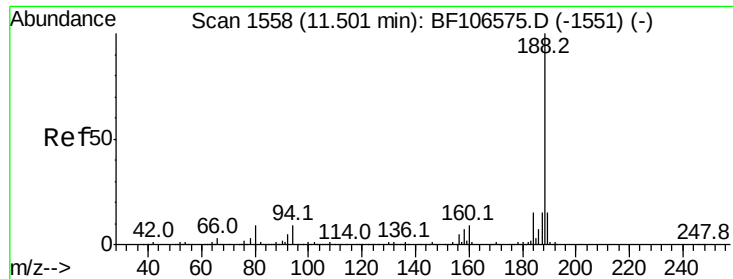
Sohil
6/21/2018 11:27:54 AM



#62
Azobenzene
Concen: 40.704 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	1.7	41.7
105	24.3	3.0	43.0
51	29.5	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

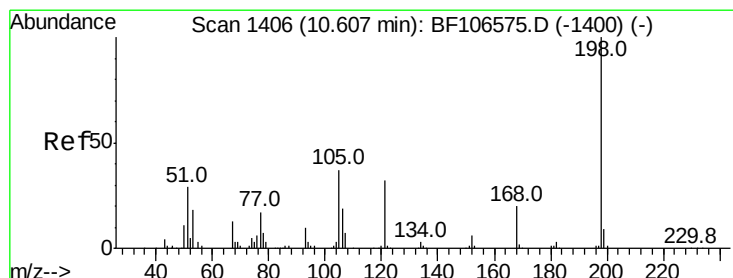
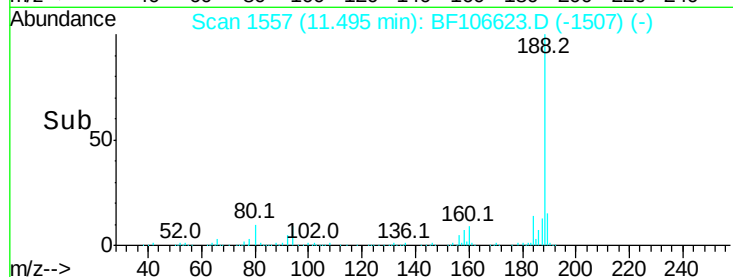
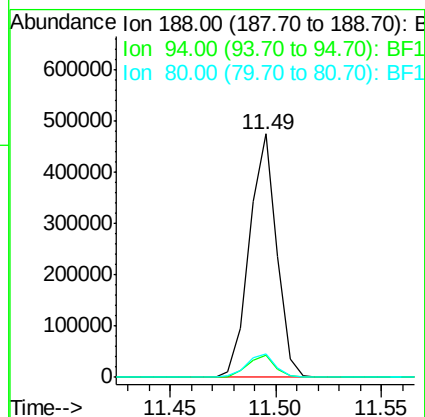
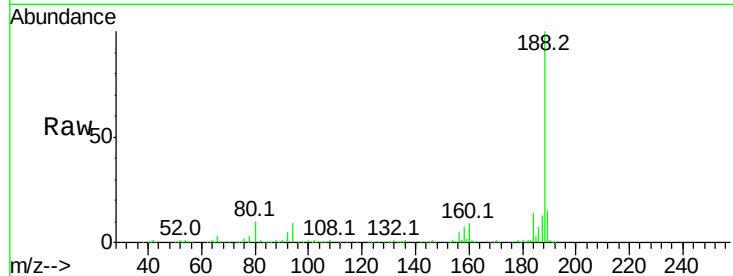
ClientSampleId :

PB110384BS

Tot Ion:188	Resp:	425387
Ion Ratio	Lower	Upper
188 100		
94 9.2	8.5	12.7
80 9.7	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.745 ng

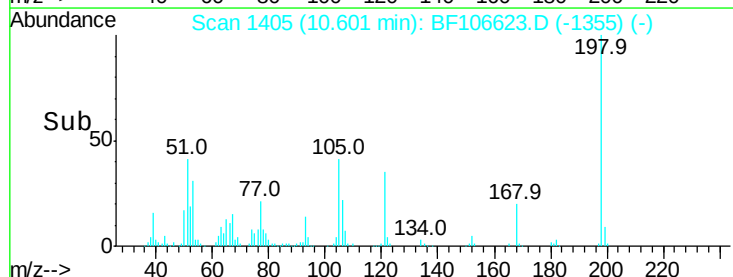
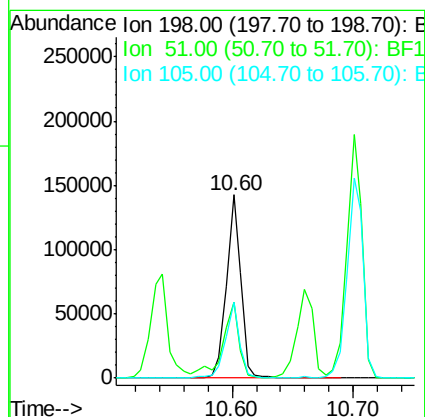
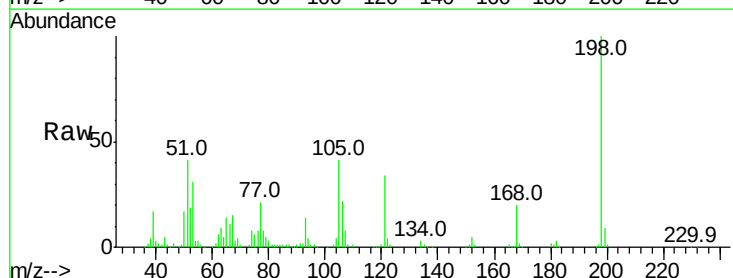
RT: 10.60 min Scan# 1405

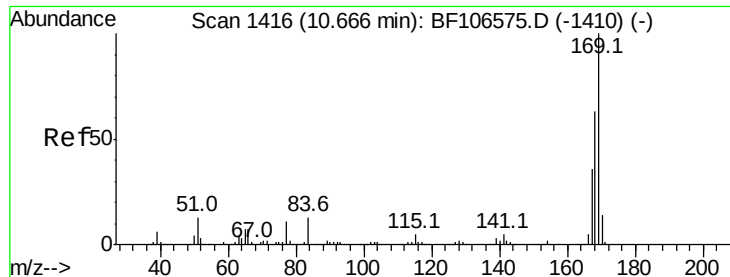
Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion:198	Resp:	117657
Ion Ratio	Lower	Upper
198 100		
51 41.4	37.7	77.7
105 41.3	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 36.360 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

ClientSampleId :

PB110384BS

Tot Ion:169 Resp: 520246

Ion Ratio Lower Upper

169 100

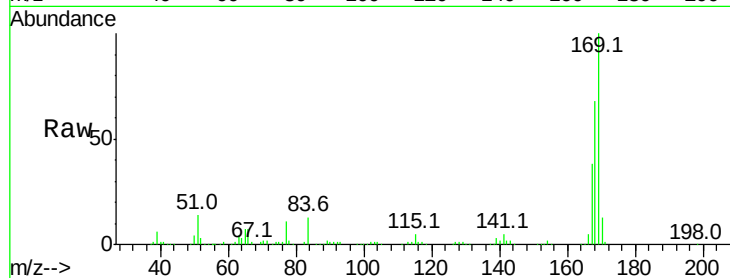
168 67.9 54.4 81.6

167 38.0 29.8 44.6

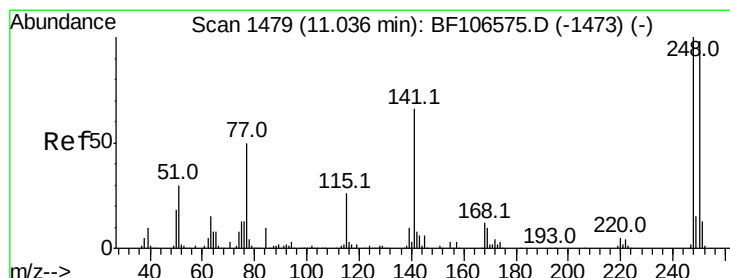
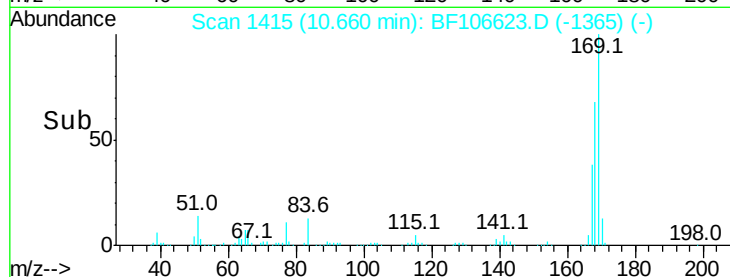
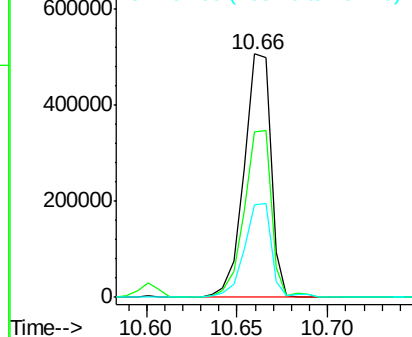
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.987 ng

RT: 11.03 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

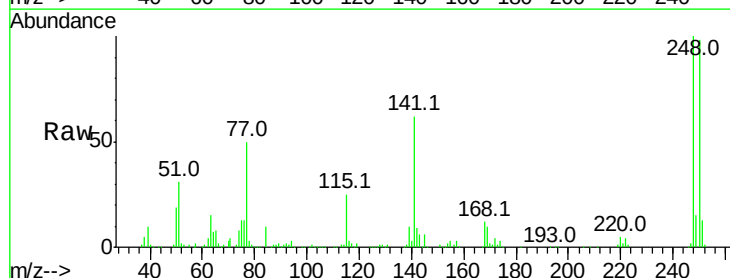
Tgt Ion:248 Resp: 213156

Ion Ratio Lower Upper

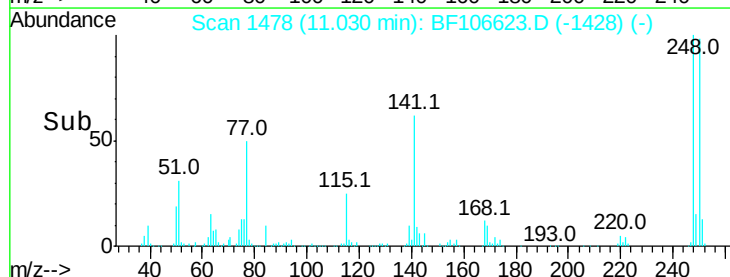
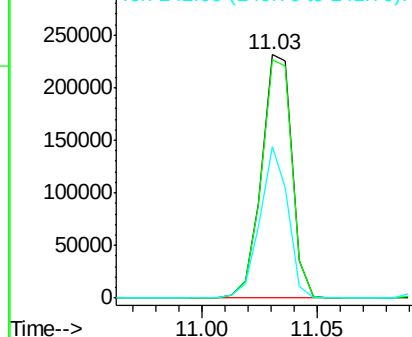
248 100

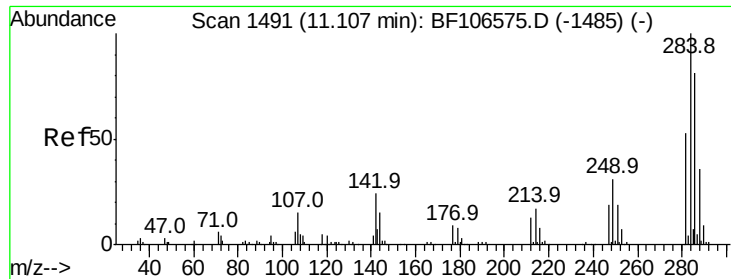
250 97.9 76.9 115.3

141 62.1 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.711 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

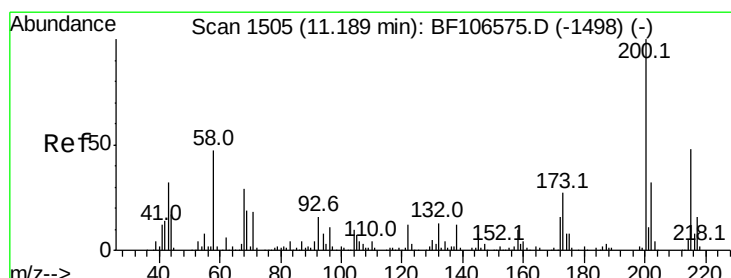
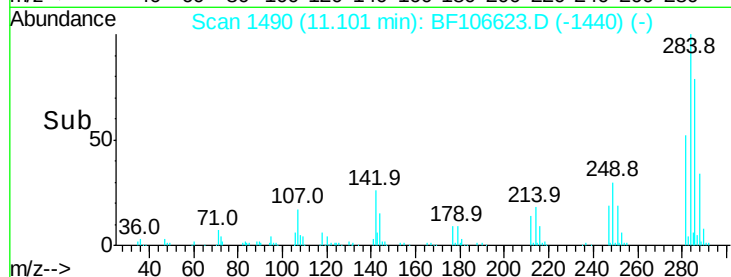
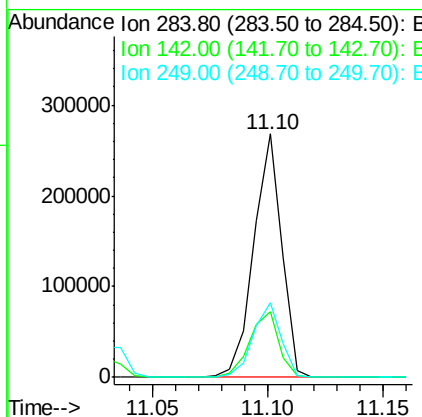
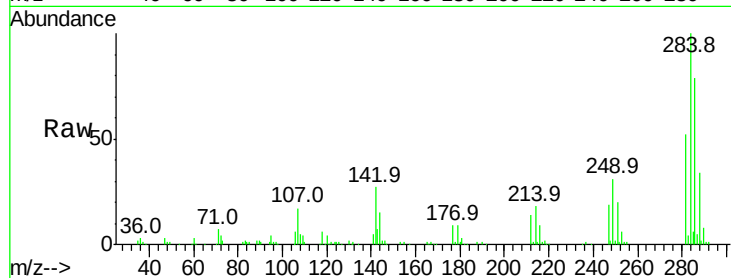
ClientSampleId :

PB110384BS

Tot Ion:	284	Resp:	226947
Ion Ratio	Lower	Upper	
284	100		
142	26.7	34.6	52.0#
249	30.7	24.8	37.2

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#68

Atrazine

Concen: 44.105 ng

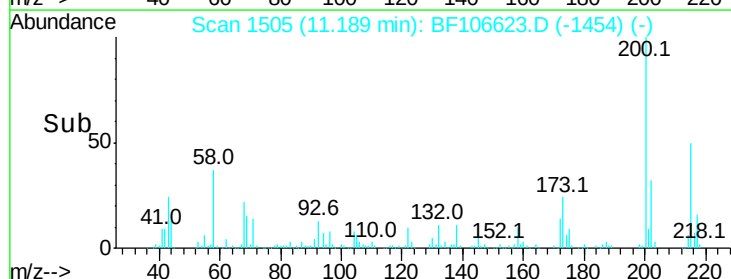
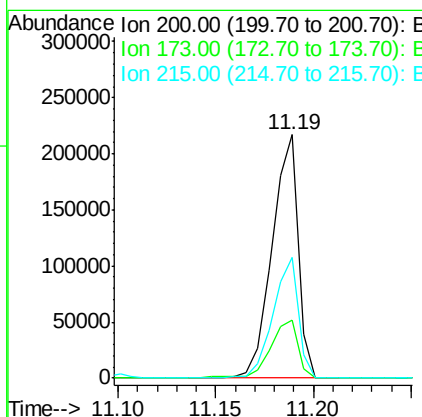
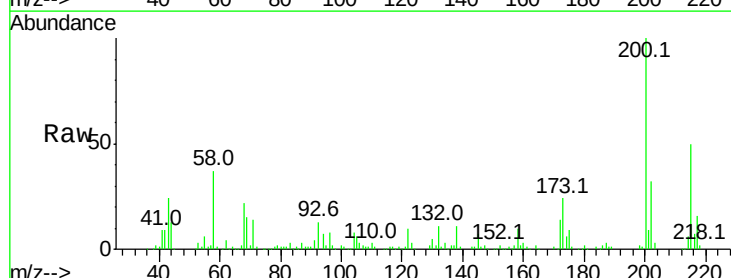
RT: 11.19 min Scan# 1505

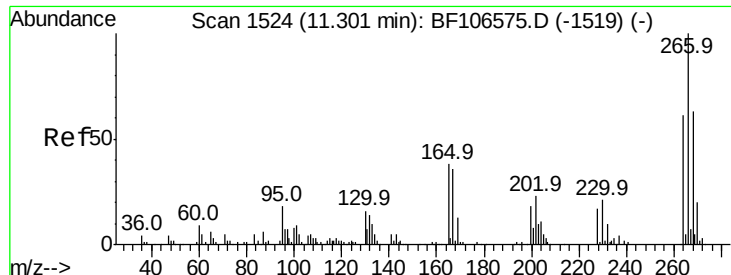
Delta R.T. -0.00 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion:	200	Resp:	200612
Ion Ratio	Lower	Upper	
200	100		
173	24.0	8.6	48.6
215	49.6	25.1	65.1





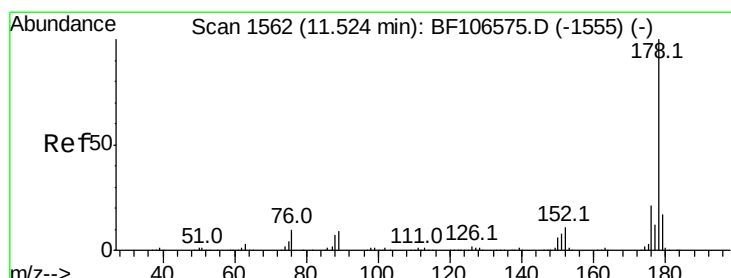
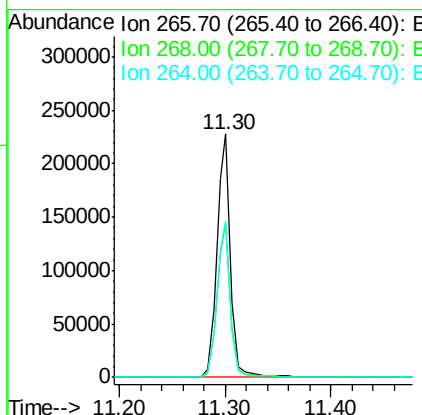
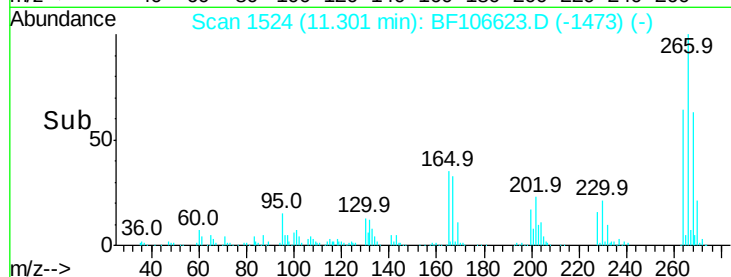
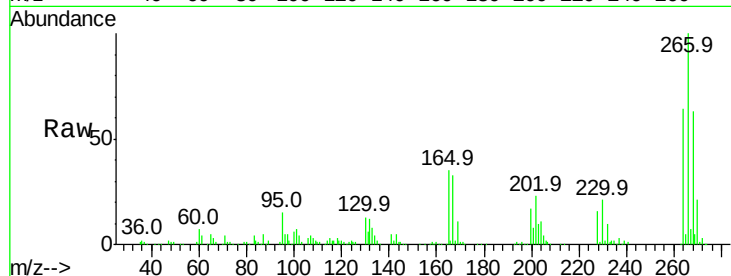
#69
 Pentachlorophenol
 Concen: 78.835 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	209012		
268	63.2	51.1	76.7	
264	64.1	49.5	74.3	

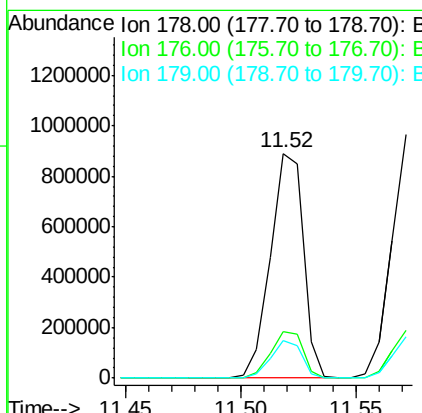
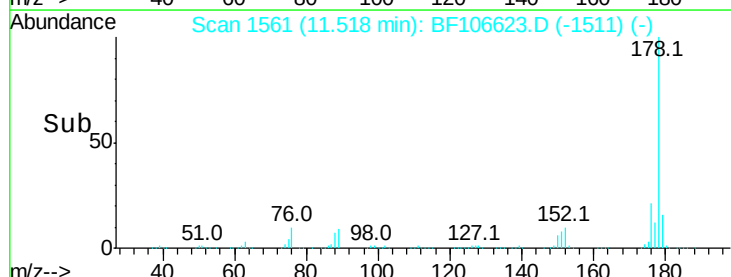
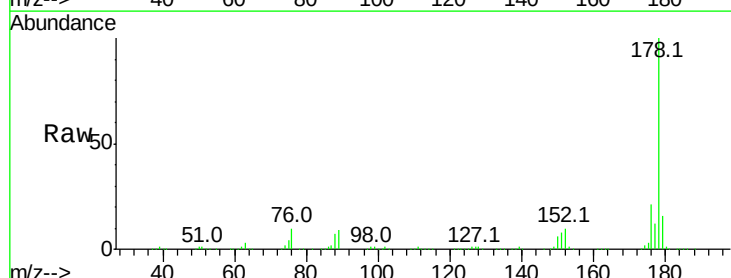
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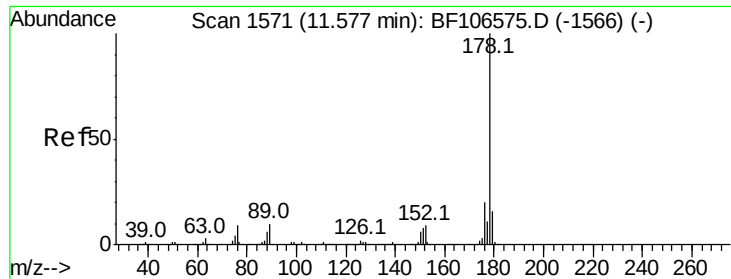
Sohil
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#70
 Phenanthrene
 Concen: 42.942 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	881045		
176	20.7	15.8	23.8	
179	16.5	13.0	19.6	





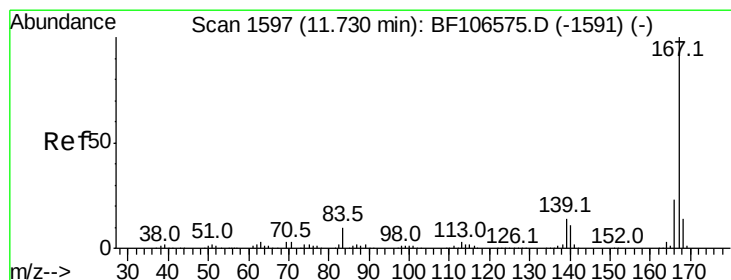
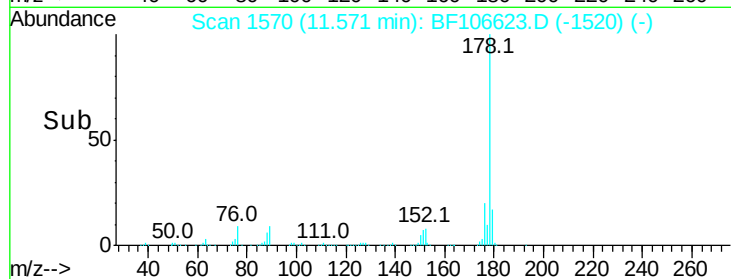
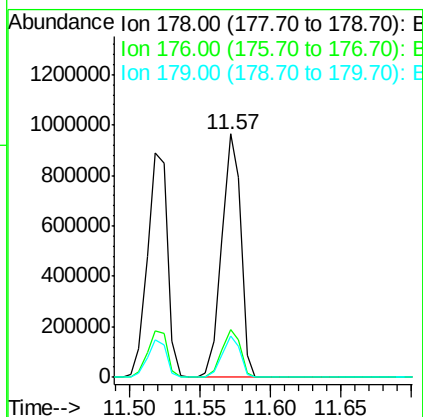
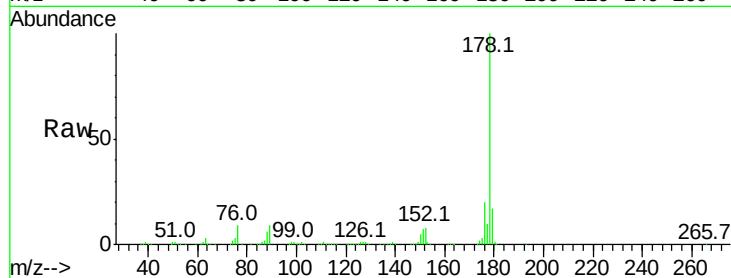
#71
 Anthracene
 Concen: 43.316 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	16.7	12.6	19.0

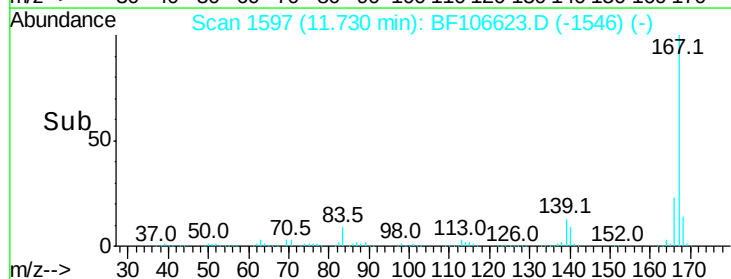
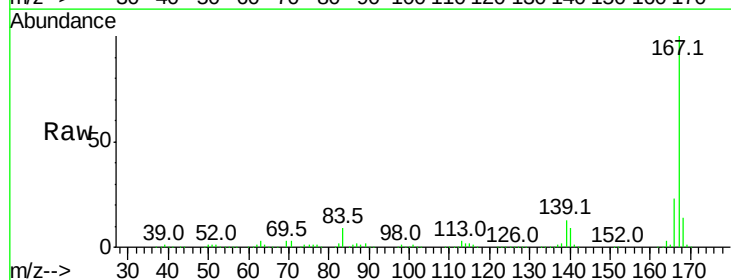
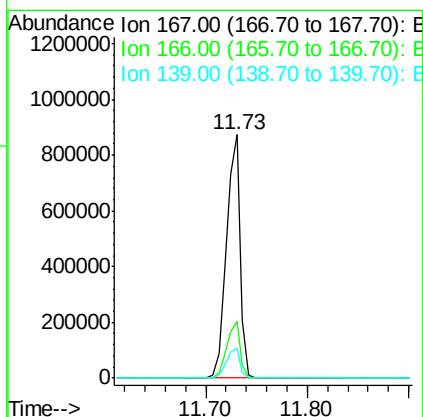
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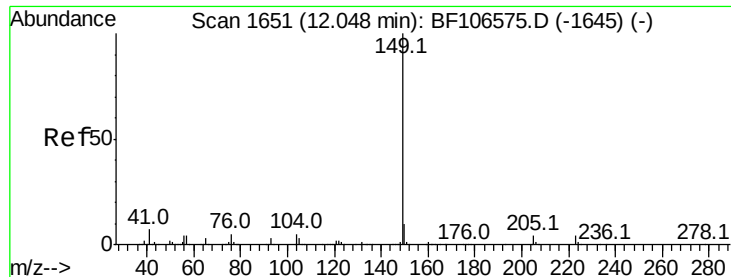
Sohil
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#72
 Carbazole
 Concen: 41.387 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	12.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.124 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

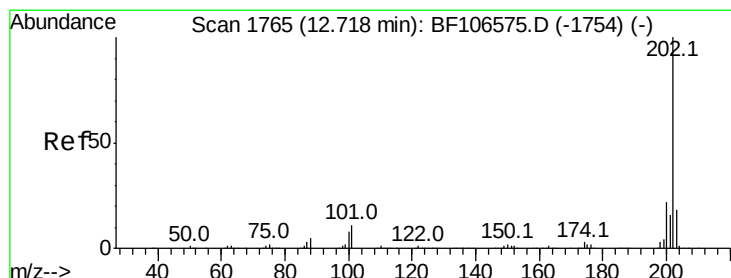
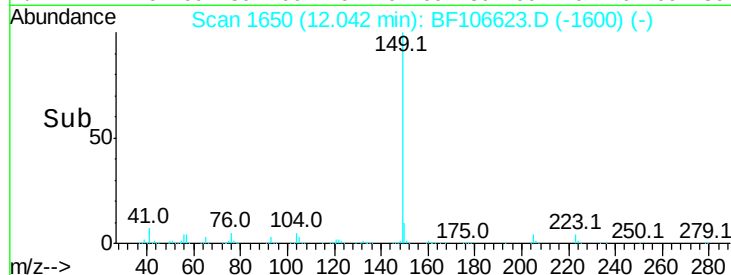
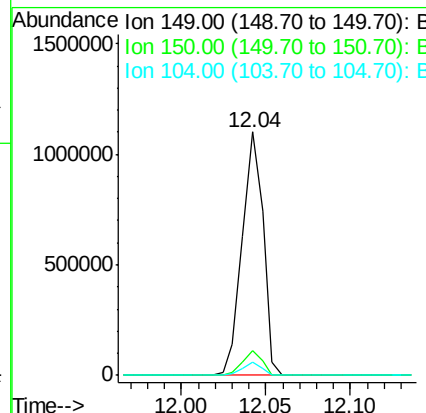
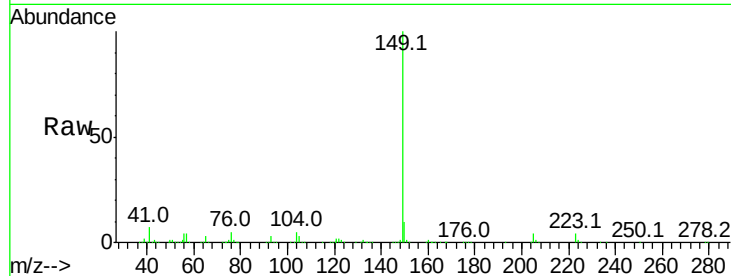
ClientSampleId :

PB110384BS

Tot Ion:	149	Resp:	949912
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	5.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 44.837 ng

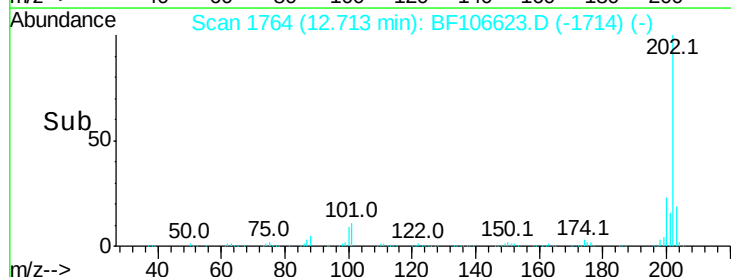
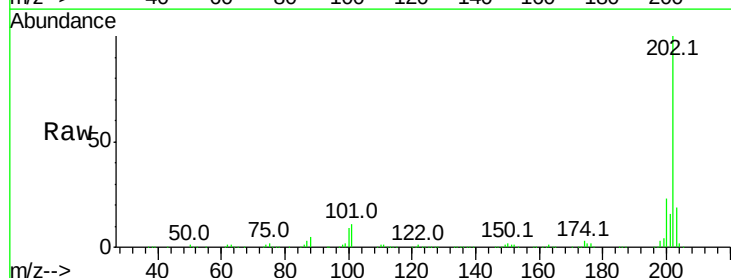
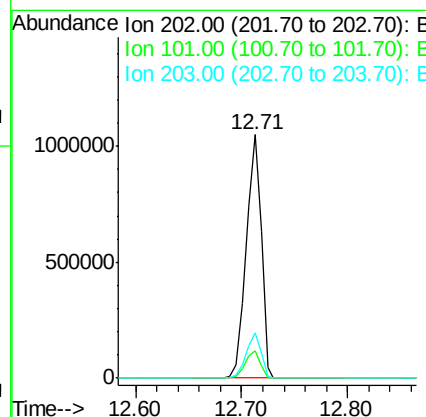
RT: 12.71 min Scan# 1764

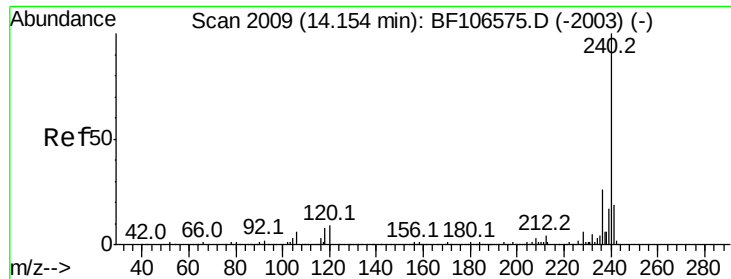
Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Tgt Ion:	202	Resp:	1013949
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.1
203	18.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

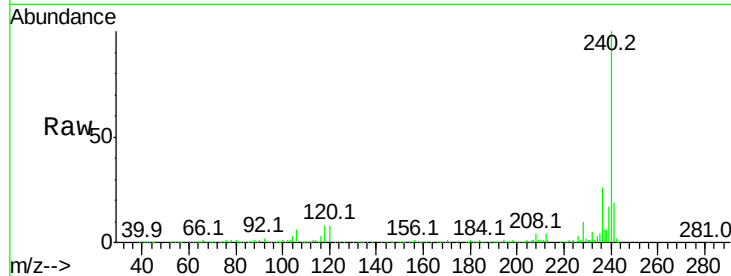
ClientSampleId :

PB110384BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	26.4	20.7	31.1

Manual Integrations
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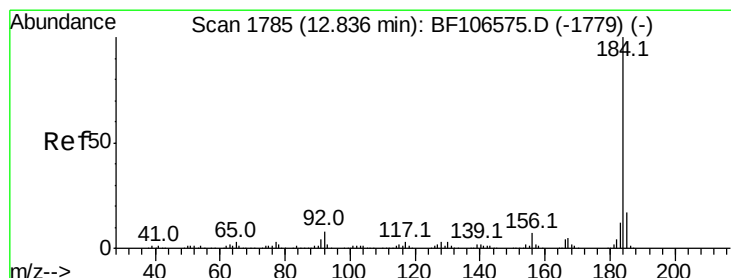
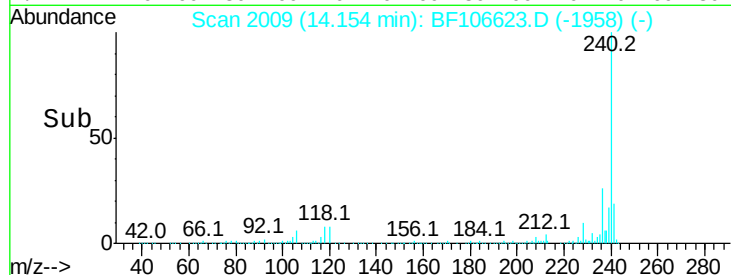
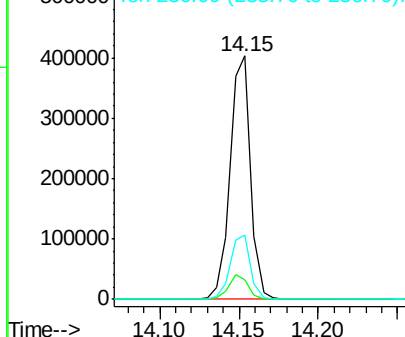
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.712 ng

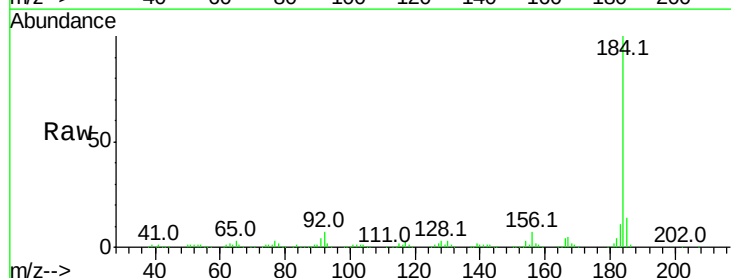
RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

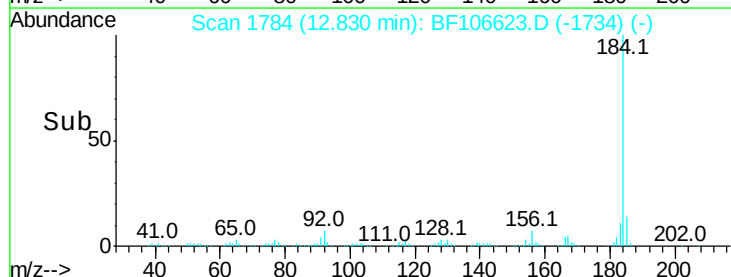
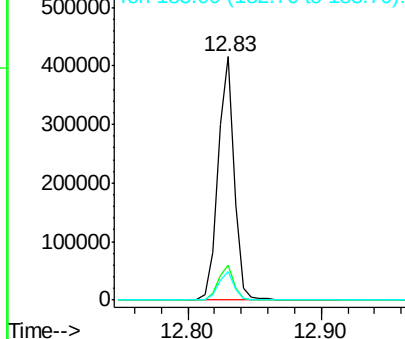
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.5	9.3	13.9

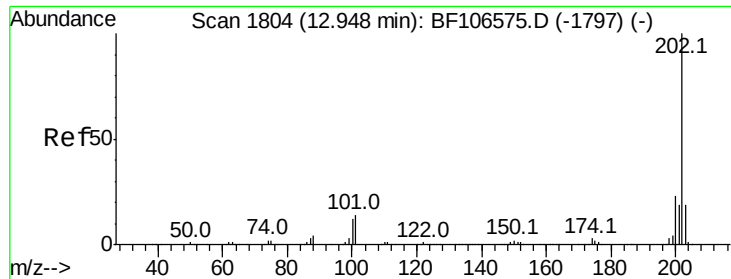


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





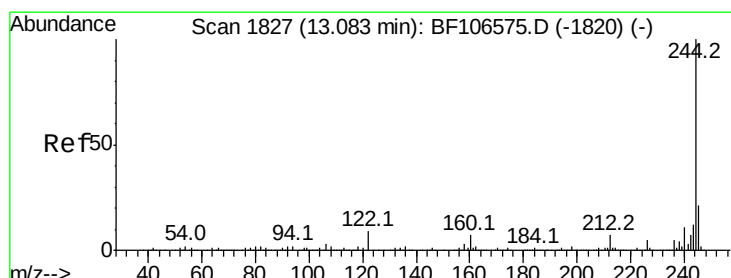
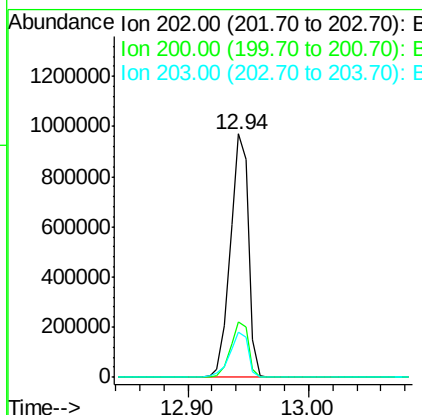
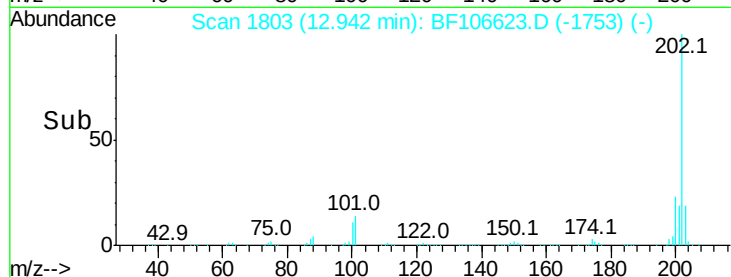
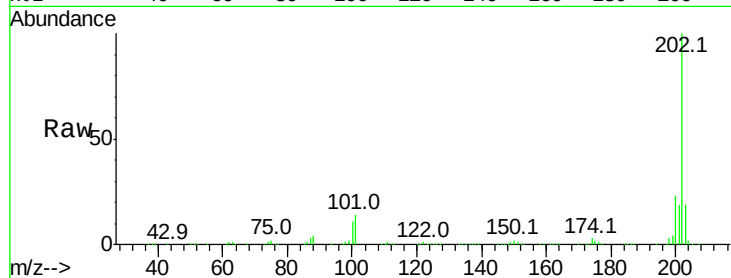
#77
Pvrene
Concen: 42.510 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	18.6	14.3	21.5

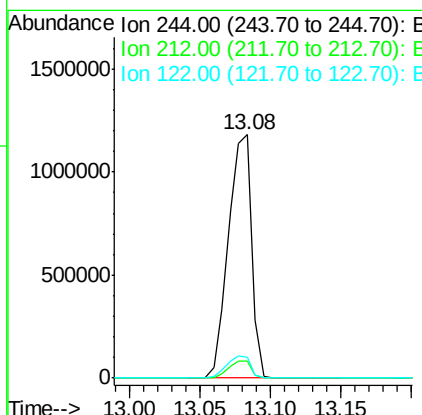
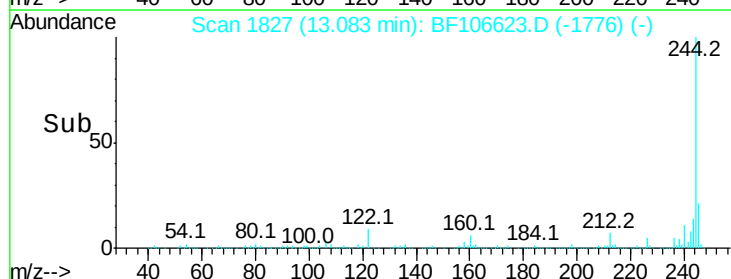
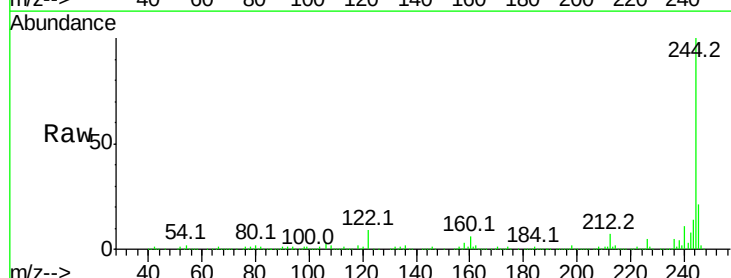
Manual Integrations
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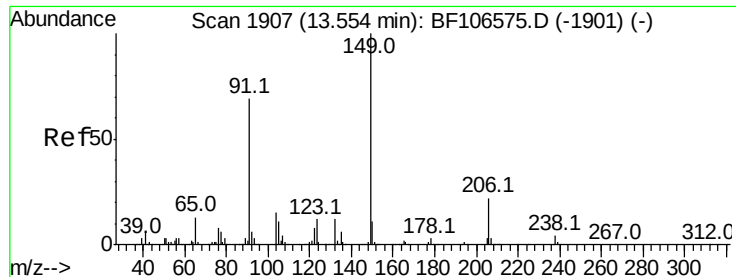
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#78
Terphenyl-d14
Concen: 90.851 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	8.5	11.0	16.4#





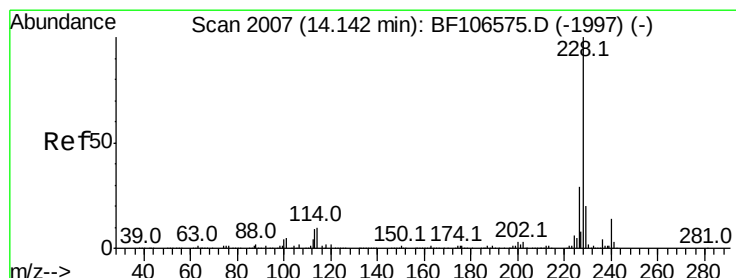
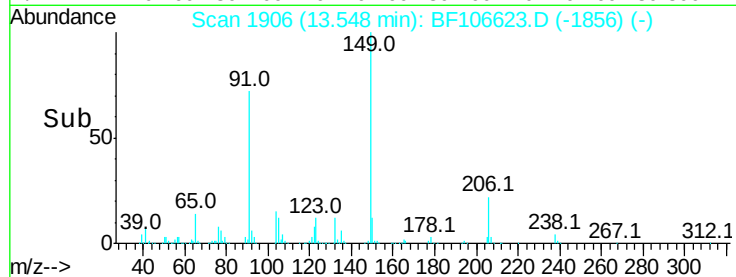
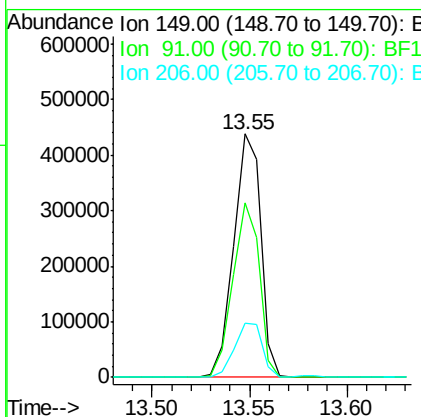
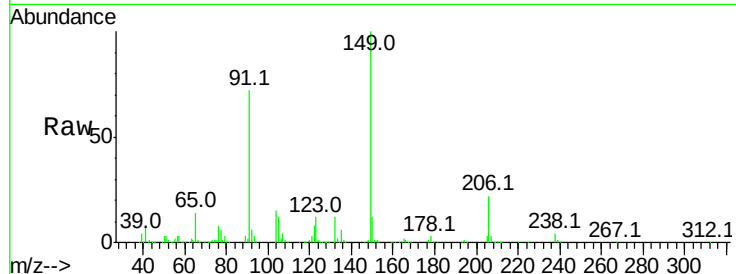
#79
Butylbenzylphthalate
Concen: 43.098 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	71.8	56.8	85.2
206	22.4	14.1	21.1

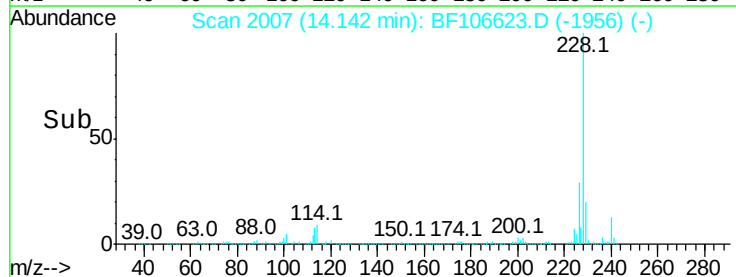
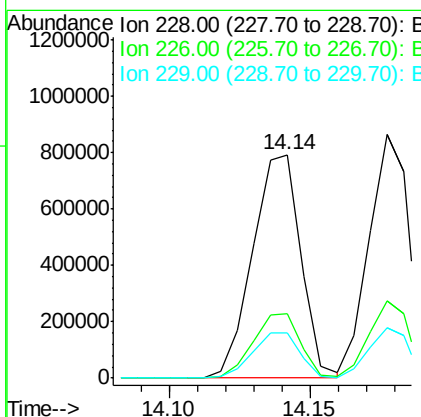
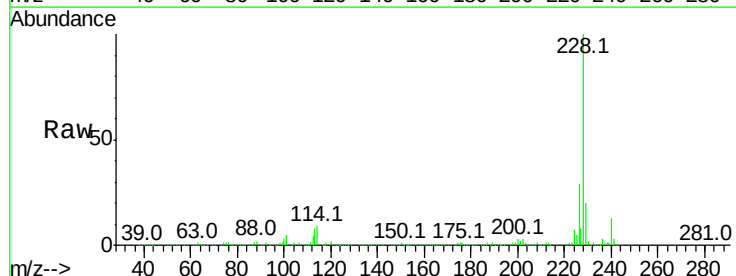
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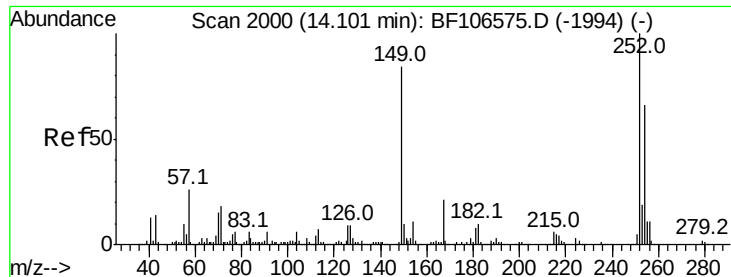
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#80
Benzo(a)anthracene
Concen: 42.731 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.1	15.8	23.6





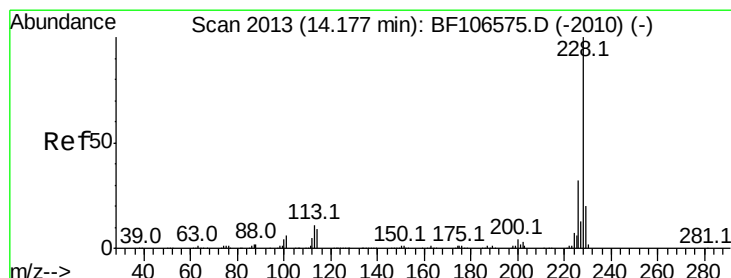
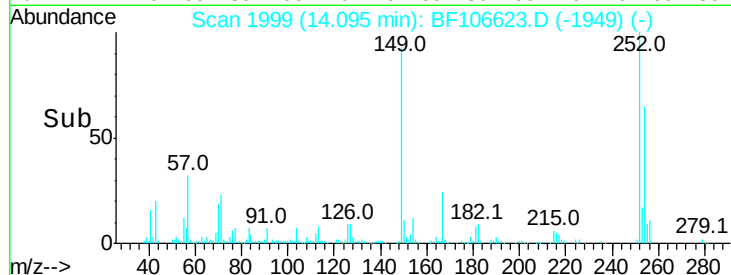
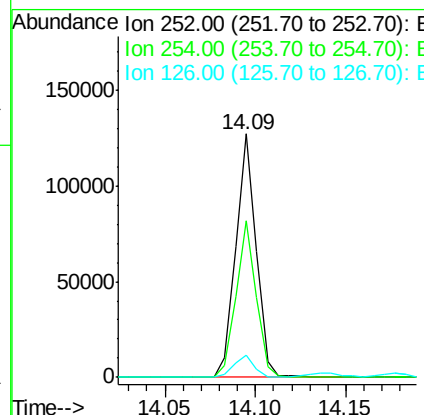
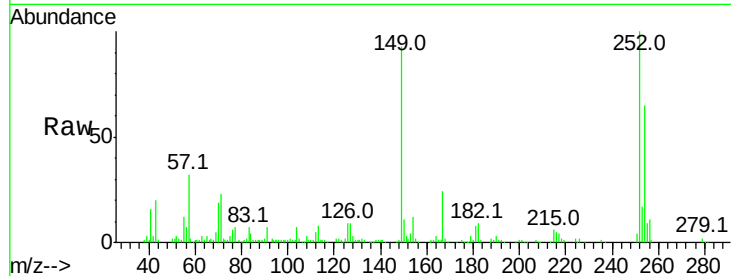
#81
 3,3'-Dichlorobenzidine
 Concen: 13.000 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	50.4	75.6
126	9.0	11.3	16.9

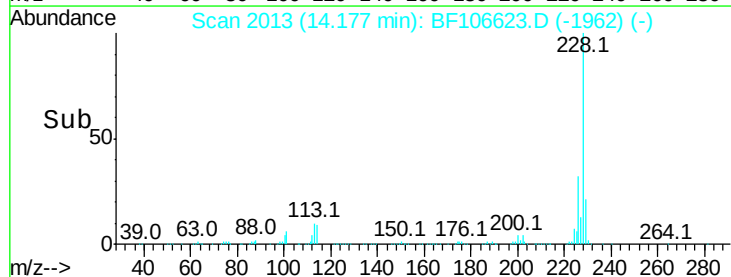
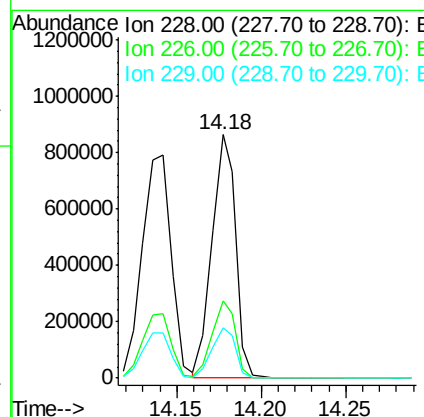
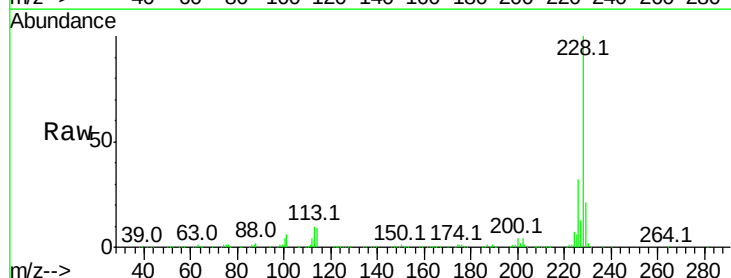
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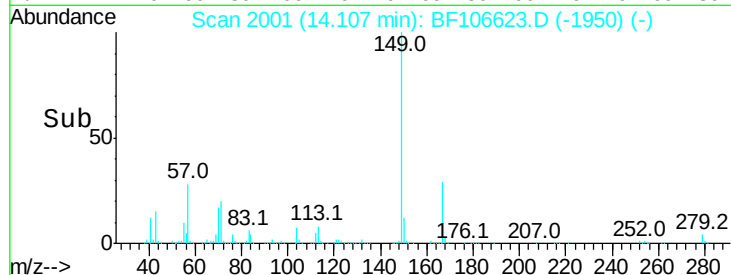
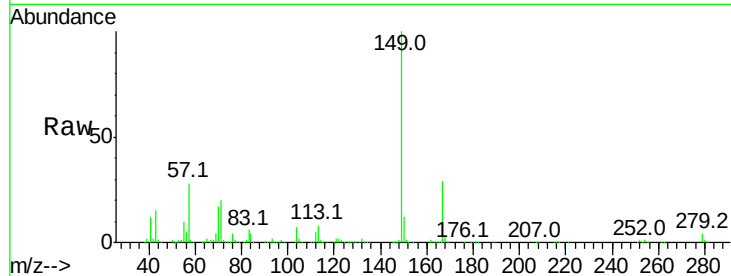
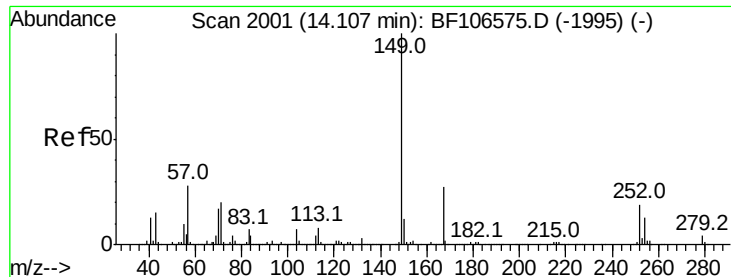
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#82
 Chrysene
 Concen: 41.973 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.9	25.0	37.6
229	20.9	16.2	24.4





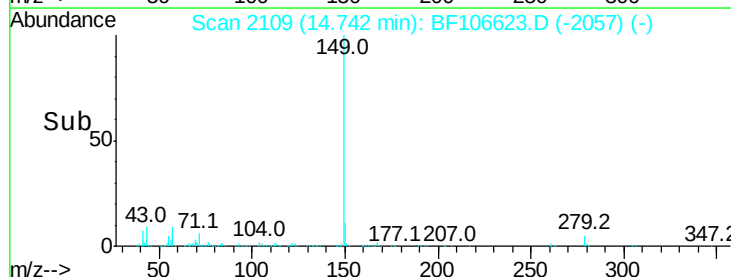
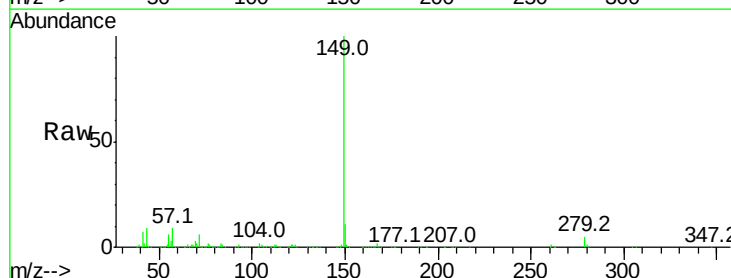
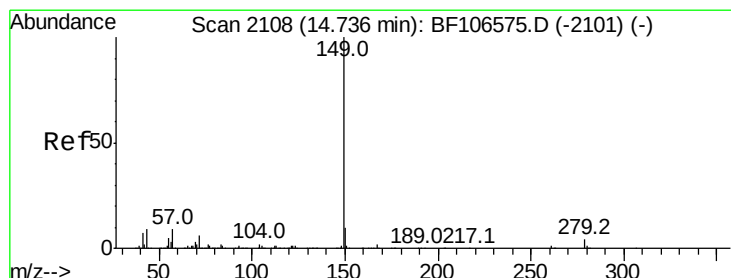
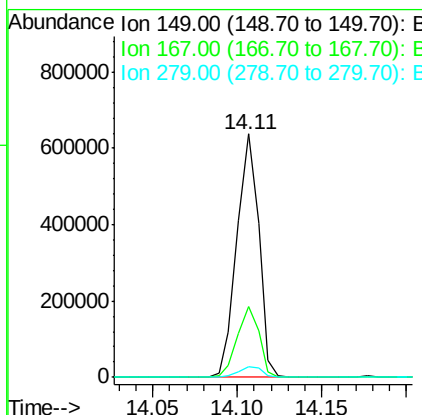
#83
Bis(2-ethylhexyl)phthalate
Concen: 46.333 ng
RT: 14.11 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	578211		
167	29.1	21.3	31.9	
279	4.5	3.0	4.4	

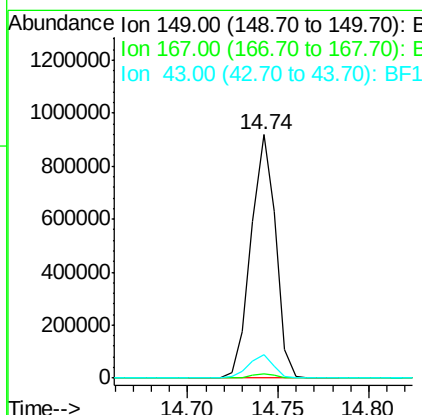
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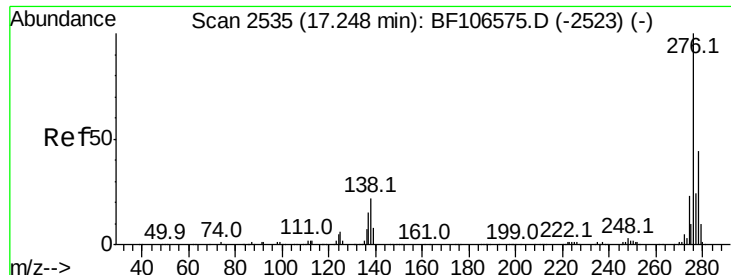
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#84
Di-n-octyl phthalate
Concen: 42.541 ng
RT: 14.74 min Scan# 2109
Delta R.T. 0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	865359		
167	1.7	1.2	1.8	
43	9.3	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.407 ng

RT: 17.26 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

Instrument :

BNA_F

ClientSampleId :

PB110384BS

Tot Ion:276 Resp: 760745

Ion Ratio Lower Upper

276 100

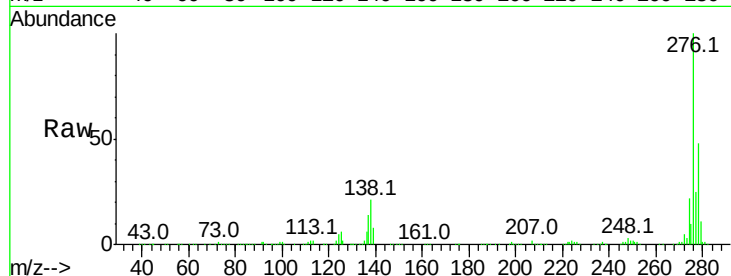
138 22.4 25.0 37.6#

277 25.1 20.1 30.1

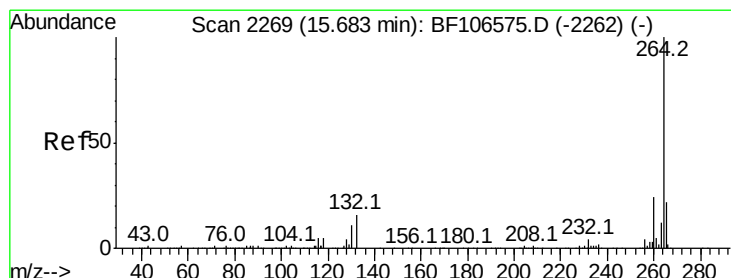
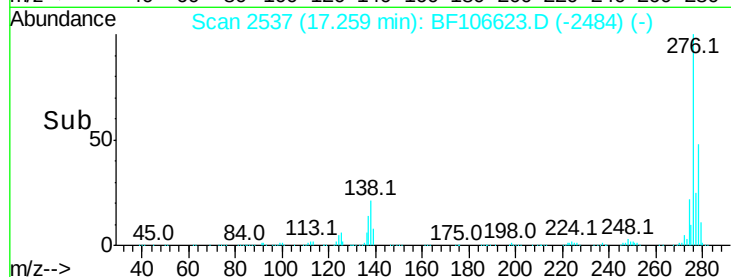
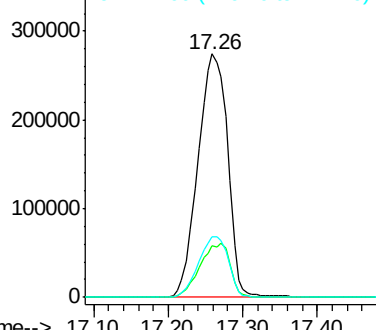
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF106623.D

Acq: 20 Jun 2018 16:56

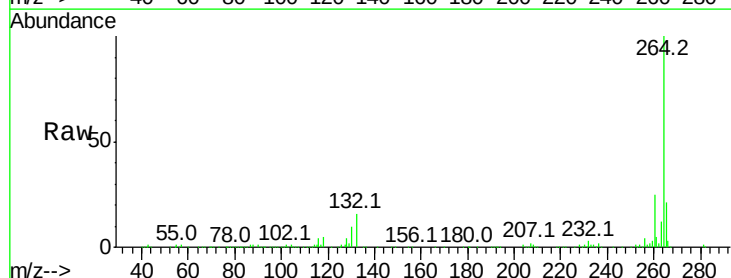
Tgt Ion:264 Resp: 273351

Ion Ratio Lower Upper

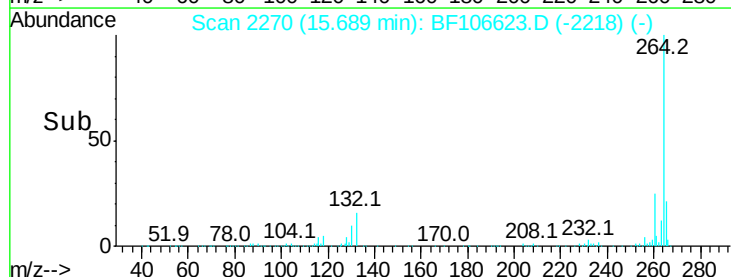
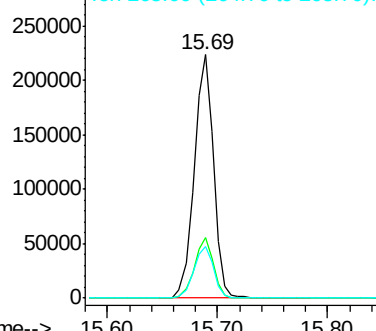
264 100

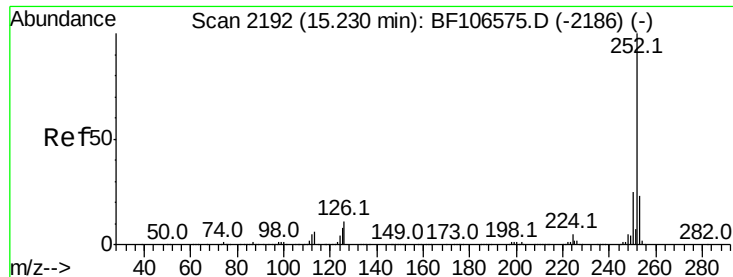
260 24.9 19.2 28.8

265 21.3 17.5 26.3



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





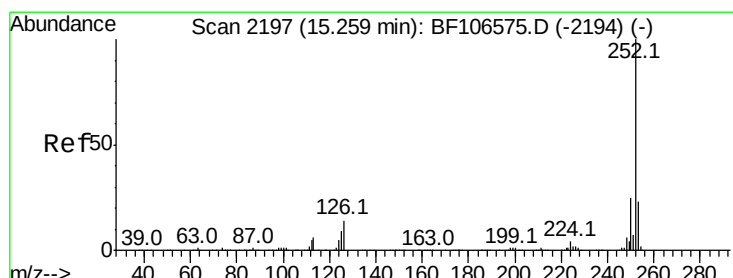
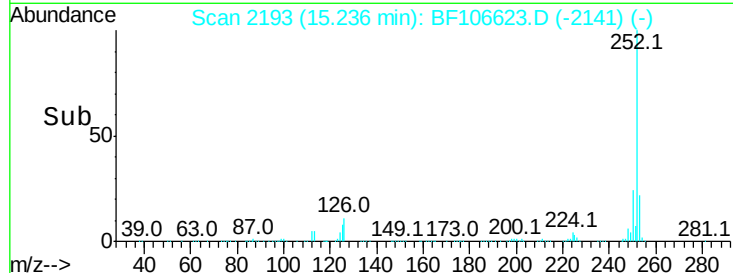
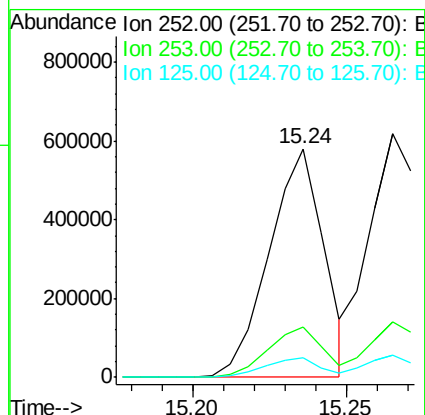
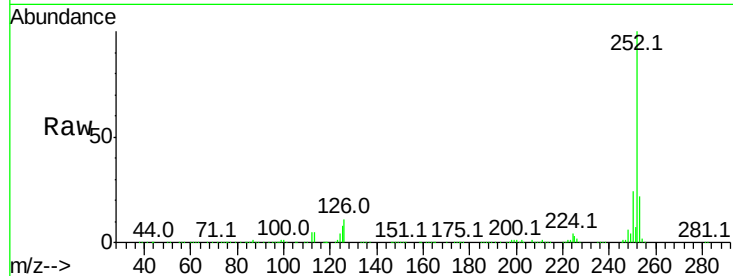
#87
Benzo(b)fluoranthene
Concen: 42.223 ng/mL
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleID :
PB110384BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.4	9.0	13.6

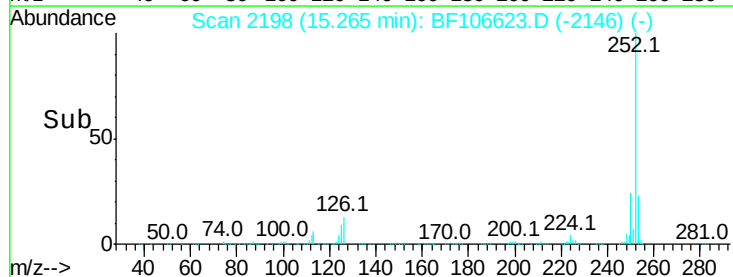
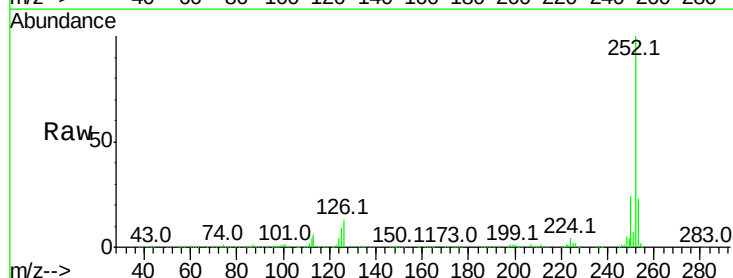
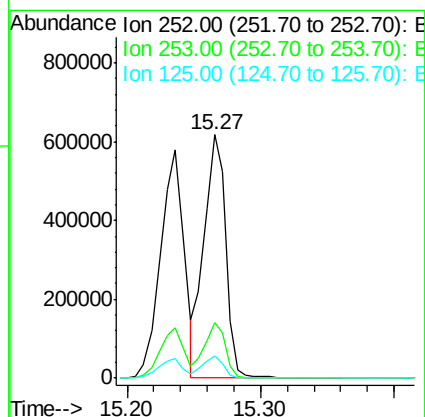
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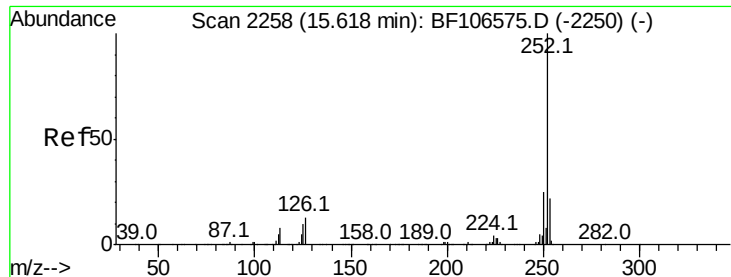
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#88
Benzo(k)fluoranthene
Concen: 43.135 ng/mL
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	9.1	10.2	15.2





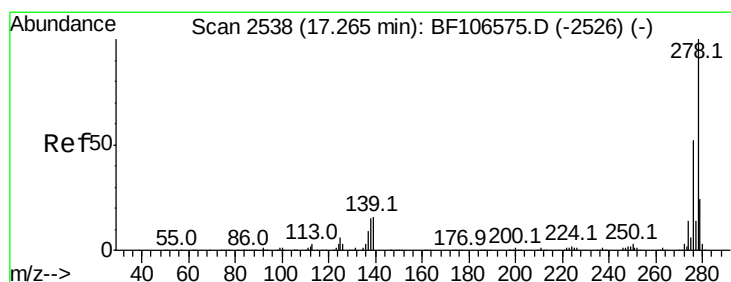
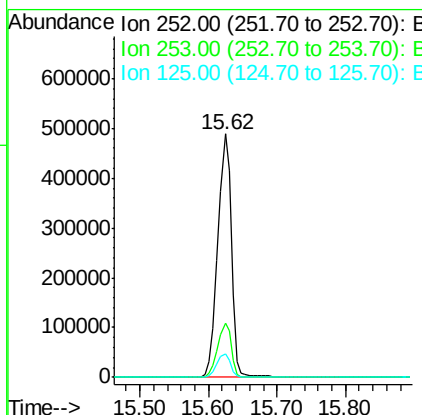
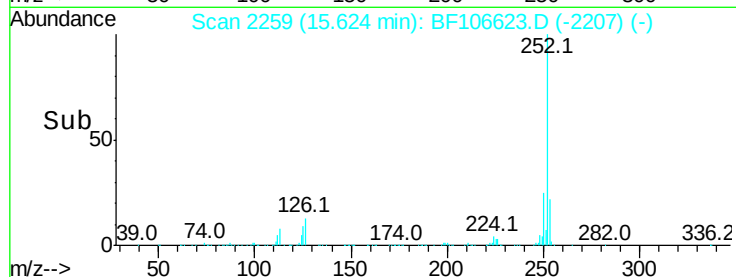
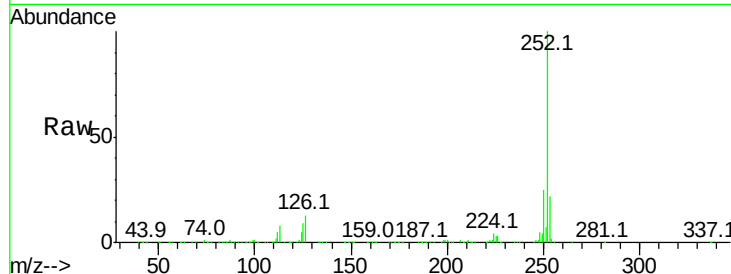
#89
Benzo(a)pyrene
Concen: 44.104 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.5	9.8	14.6

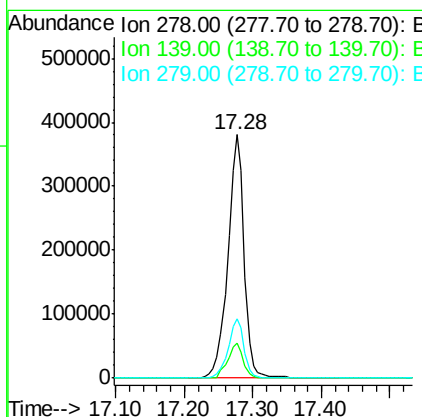
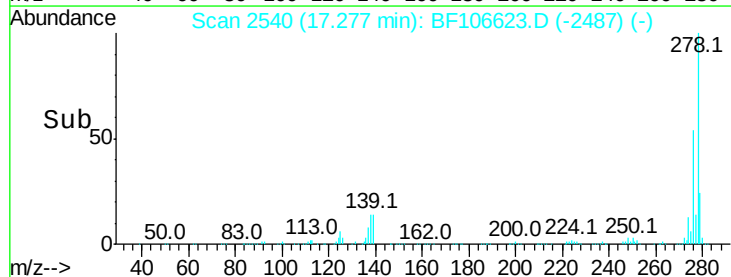
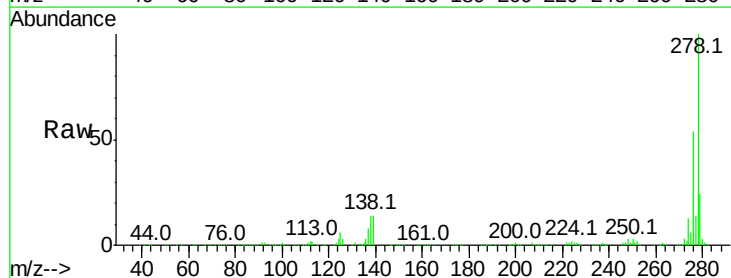
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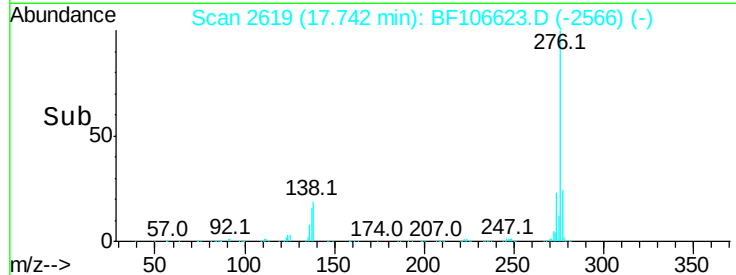
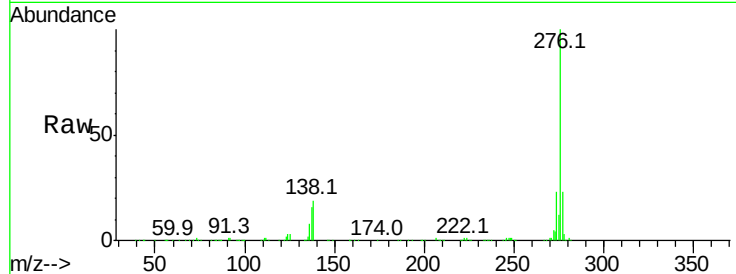
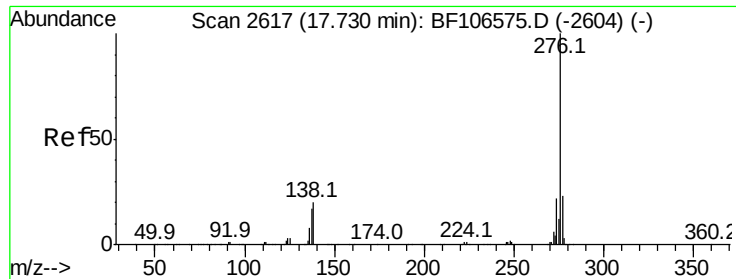
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#90
Dibenzo(a,h)anthracene
Concen: 49.288 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF106623.D
Acq: 20 Jun 2018 16:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 52.464 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. 0.01 min
 Lab File: BF106623.D
 Acq: 20 Jun 2018 16:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	17.9	26.9
138	19.2	21.8	32.8

Manual Integrations
 APPROVED

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