

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106624.D
 Acq On : 20 Jun 2018 17:23
 Operator : JU/SJ
 Sample : PB110384BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:27:57 AM

Quant Time: Jun 21 07:42:46 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	94850	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	360846	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	198066	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	419440	20.00	ng	0.00
75) Chrysene-d12	14.15	240	375811	20.00	ng	0.00
86) Perylene-d12	15.69	264	296066	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	427937	76.40	ng	0.00
7) Phenol-d6	6.60	99	538148	76.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	516492	79.54	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	207199	90.26	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	952147	80.61	ng	0.00
78) Terphenyl-d14	13.08	244	1283487	82.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	90551	31.444	ng	96
3) Pyridine	3.64	79	273947	35.076	ng	95
4) n-Nitrosodimethylamine	3.60	42	114793	34.606	ng	92
6) Aniline	6.62	93	164010	17.285	ng	96
8) 2-Chlorophenol	6.75	128	241928	39.378	ng	97
9) Benzaldehyde	6.51	77	122265	22.845	ng	100
10) Phenol	6.61	94	302132	37.847	ng	93
11) bis(2-Chloroethyl)ether	6.69	93	243602	36.963	ng	97
12) 1,3-Dichlorobenzene	6.90	146	272163	37.823	ng	98
13) 1,4-Dichlorobenzene	6.98	146	274245	37.698	ng	98
14) 1,2-Dichlorobenzene	7.13	146	256364	38.452	ng	98
15) Benzyl Alcohol	7.10	79	220169	39.198	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	371818	43.000	ng	82
17) 2-Methylphenol	7.21	107	207935	39.549	ng	96
18) Hexachloroethane	7.47	117	97515	38.118	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	165560	35.906	ng	95
20) 3+4-Methylphenols	7.37	107	249061	43.463	ng	# 67
22) Acetophenone	7.37	105	322681	39.970	ng	# 94
24) Nitrobenzene	7.54	77	267625	40.371	ng	97
25) Isophorone	7.78	82	499830	43.684	ng	98
26) 2-Nitrophenol	7.86	139	134953	43.124	ng	95
27) 2,4-Dimethylphenol	7.90	122	226507	46.828	ng	100
28) bis(2-Chloroethoxy)methane	7.98	93	313984	40.871	ng	99
29) 2,4-Dichlorophenol	8.11	162	222158	43.870	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	242808	43.524	ng	96
31) Naphthalene	8.27	128	689167	40.850	ng	100
32) Benzoic acid	8.02	122	131122	38.549	ng	98
33) 4-Chloroaniline	8.31	127	54811	7.743	ng	97
34) Hexachlorobutadiene	8.37	225	156794	43.134	ng	98
35) Caprolactam	8.69	113	76330m	46.240	ng	
36) 4-Chloro-3-methylphenol	8.80	107	241096	45.232	ng	98
37) 2-Methylnaphthalene	8.95	142	517418	46.271	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	267280	40.071	ng	97
40) Hexachlorocyclopentadiene	9.11	237	307843	89.703	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	171266	38.627	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	182733	39.496	nq	90
45) 1,1'-Biphenyl	9.42	154	622539	39.439	nq	100
46) 2-Chloronaphthalene	9.45	162	465828	37.491	nq	95
47) 2-Nitroaniline	9.55	65	157874	37.786	nq	99
48) Acenaphthylene	9.87	152	744064	37.930	nq	98
49) Dimethylphthalate	9.72	163	560548	37.734	nq	98
50) 2,6-Dinitrotoluene	9.78	165	137410	43.683	nq	96
51) Acenaphthene	10.04	154	453025	36.674	nq	98
52) 3-Nitroaniline	9.95	138	54270	14.993	nq	99
53) 2,4-Dinitrophenol	10.07	184	147879	89.721	nq #	18
54) Dibenzofuran	10.21	168	709459	41.943	nq	96
55) 4-Nitrophenol	10.14	139	188385	74.559	nq	94
56) 2,4-Dinitrotoluene	10.20	165	188724	45.964	nq #	83
57) Fluorene	10.55	166	548296	40.849	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	167355	45.505	nq #	80
59) Diethylphthalate	10.42	149	554762	38.692	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	284101	40.453	nq #	86
61) 4-Nitroaniline	10.58	138	140582	39.133	nq	95
62) Azobenzene	10.70	77	554002	39.238	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	111147	42.868	nq	76
65) n-Nitrosodiphenylamine	10.67	169	496885	35.220	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	203602	40.673	nq #	83
67) Hexachlorobenzene	11.10	284	215354	41.104	nq #	84
68) Atrazine	11.19	200	190781	42.538	nq	94
69) Pentachlorophenol	11.30	266	198253	75.837	nq	98
70) Phenanthrene	11.52	178	839020	41.473	nq	99
71) Anthracene	11.57	178	871722	42.216	nq	98
72) Carbazole	11.73	167	790409	40.884	nq	98
73) Di-n-butylphthalate	12.04	149	911048	40.001	nq	99
74) Fluoranthene	12.71	202	970812	43.538	nq	96
76) Benzidine	12.83	184	333116	31.124	nq	97
77) Pyrene	12.94	202	985229	39.756	nq	97
79) Butylbenzylphthalate	13.55	149	410406	40.279	nq #	96
80) Benzo(a)anthracene	14.14	228	929901	40.599	nq	98
81) 3,3'-Dichlorobenzidine	14.09	252	94685	11.762	nq #	96
82) Chrysene	14.18	228	858968	40.763	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	573616	44.034	nq	97
84) Di-n-octyl phthalate	14.75	149	869103	40.930	nq	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	748041	41.831	nq #	91
87) Benzo(b)fluoranthene	15.24	252	804584	43.748	nq #	96
88) Benzo(k)fluoranthene	15.28	252	689171	39.349	nq #	95
89) Benzo(a)pyrene	15.63	252	687612	42.057	nq #	97
90) Dibenzo(a,h)anthracene	17.29	278	615691	44.435	nq #	93
91) Benzo(g,h,i)perylene	17.75	276	642225	47.420	nq #	89

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

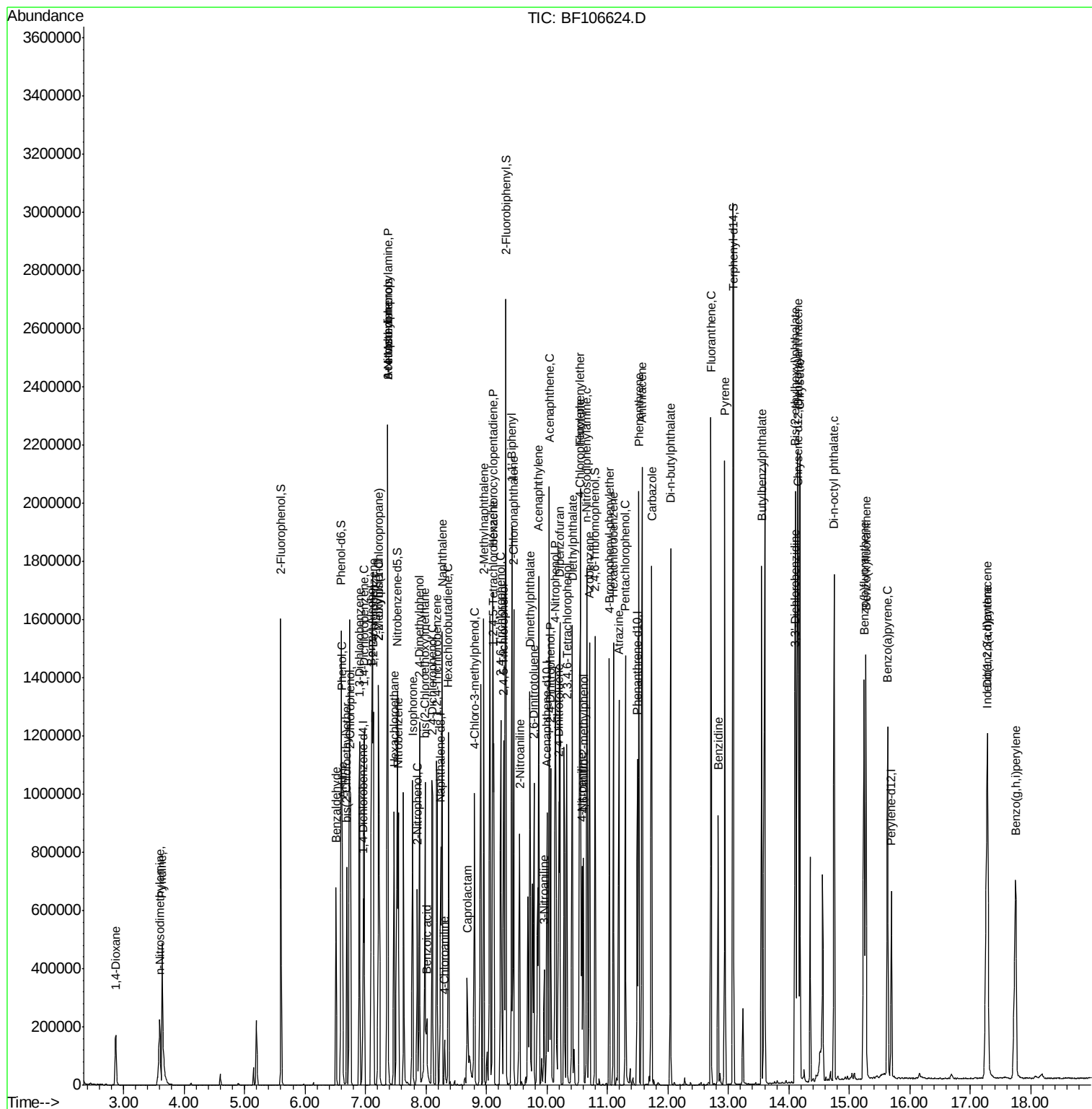
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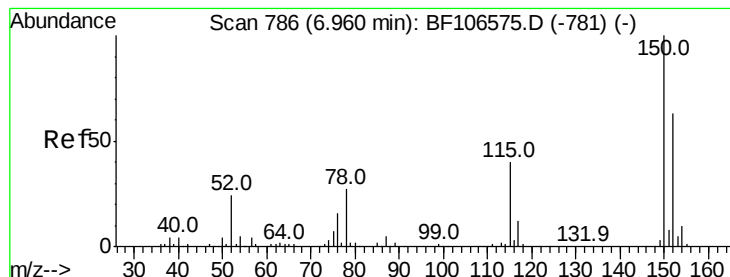
Instrument :
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ClientSampleID :
PB110384BSD

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#1

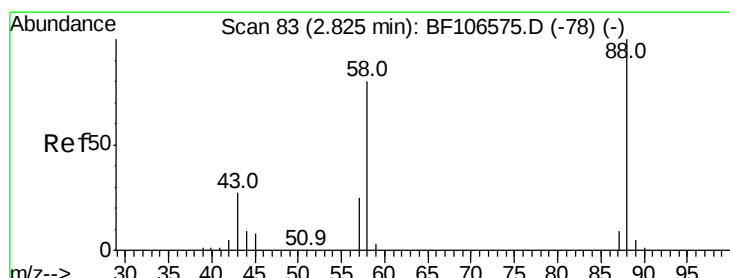
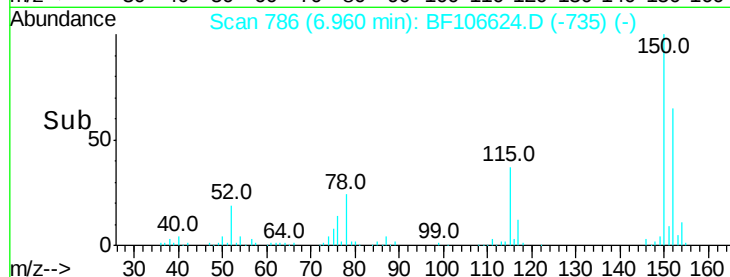
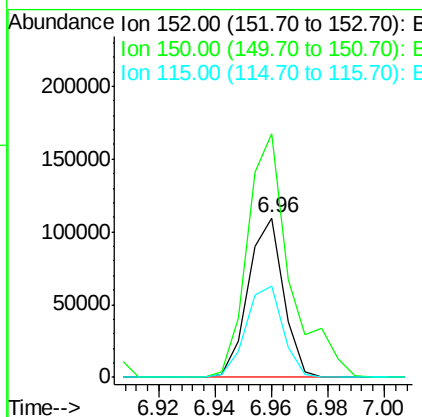
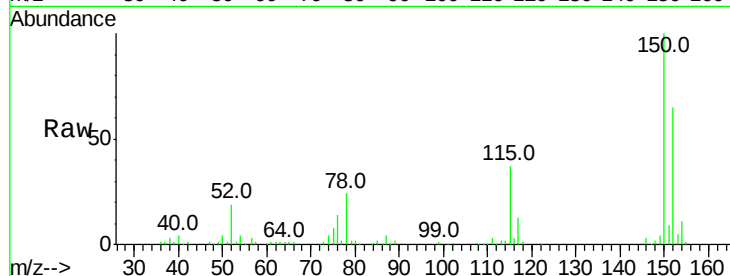
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	57.1	50.1	75.1

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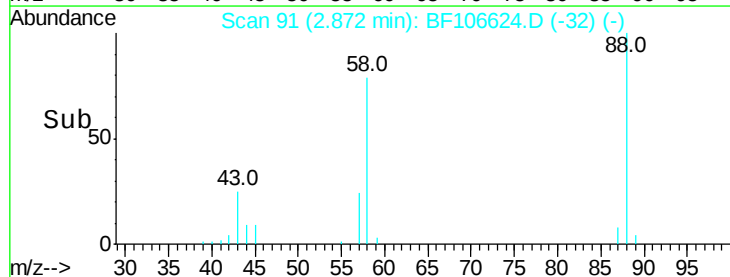
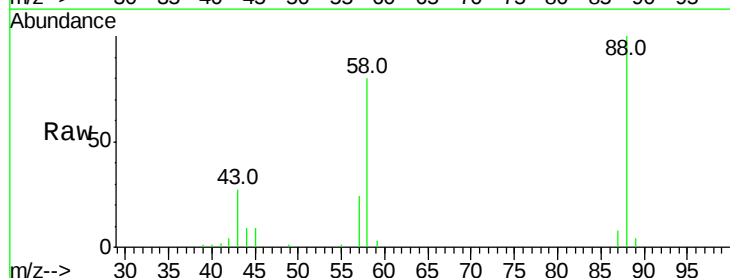
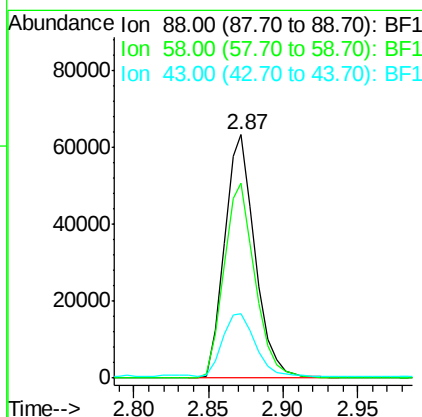
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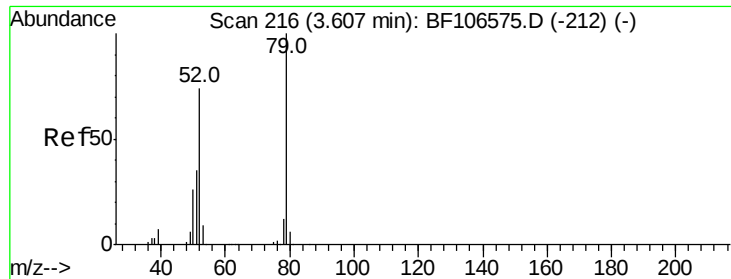


#2

1,4-Dioxane
Concen: 31.444 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.05 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	62.6	93.8
43	28.3	24.6	37.0





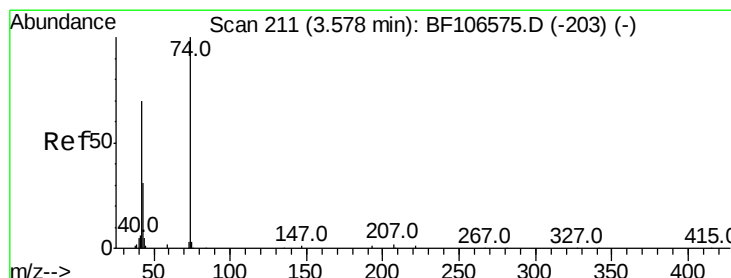
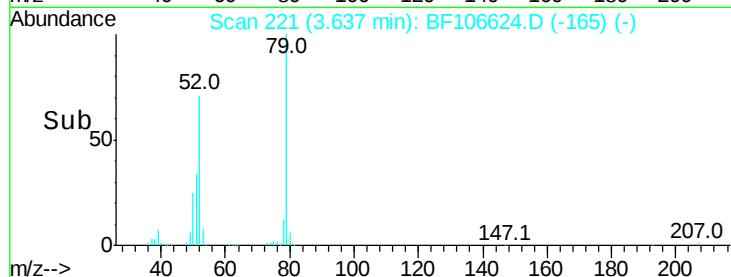
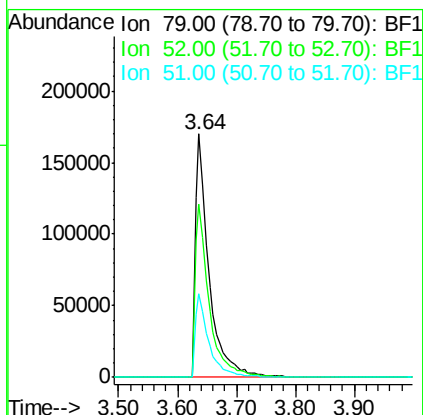
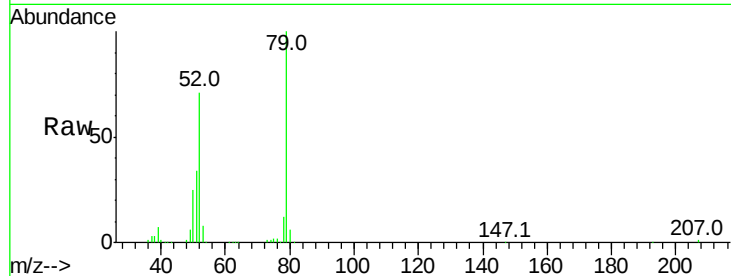
#3
Pvridine
Concen: 35.076 ng
RT: 3.64 min Scan# 221
Delta R.T. 0.03 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	71.0	59.8	89.6	
51	34.1	29.8	44.8	

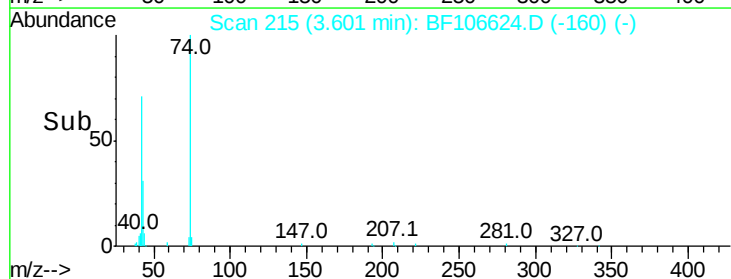
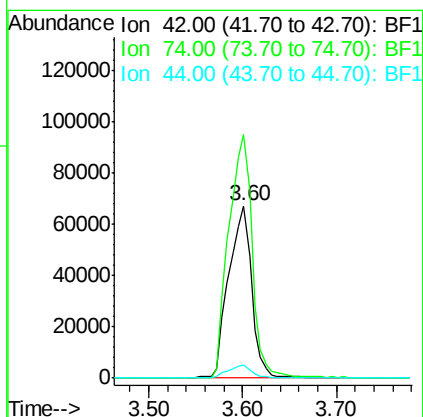
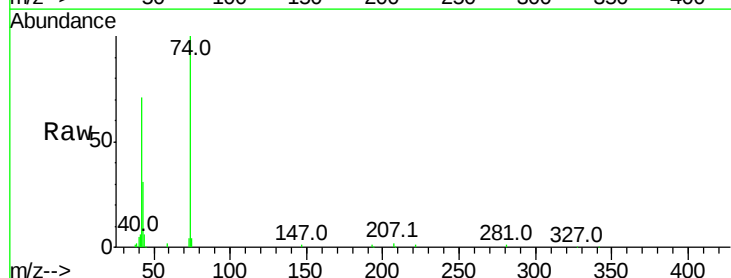
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#4
n-Nitrosodimethylamine
Concen: 34.606 ng
RT: 3.60 min Scan# 215
Delta R.T. 0.02 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	141.2	104.9	157.3	
44	7.8	6.9	10.3	





#5

2-Fluorophenol

Concen: 76.398 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

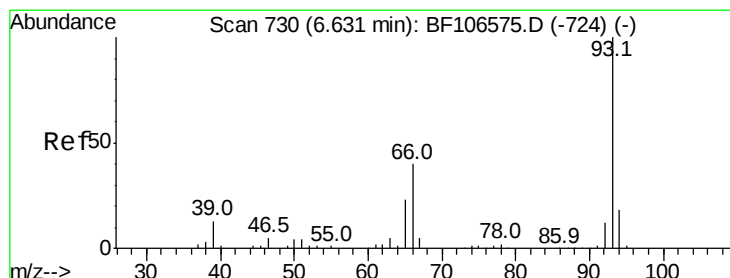
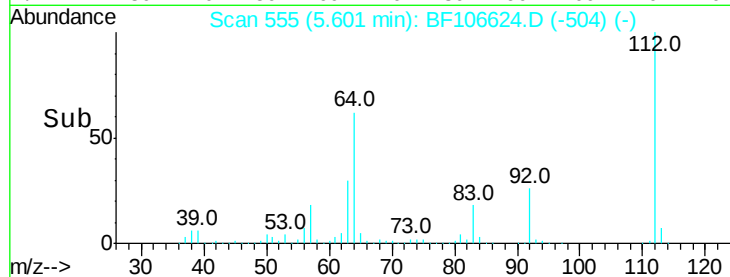
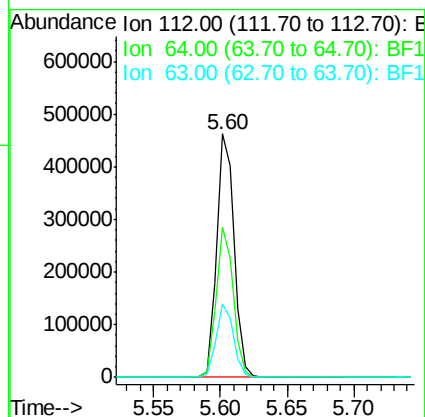
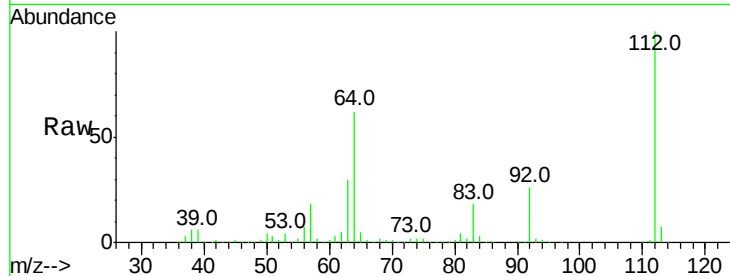
ClientSampleId :

PB110384BSD

Tot Ion:	112	Resp:	427937
Ion Ratio	Lower	Upper	
112	100		
64	61.8	47.9	71.9
63	30.3	23.7	35.5

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#6

Aniline

Concen: 17.285 ng

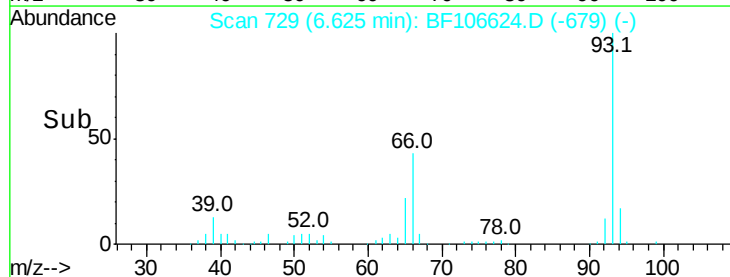
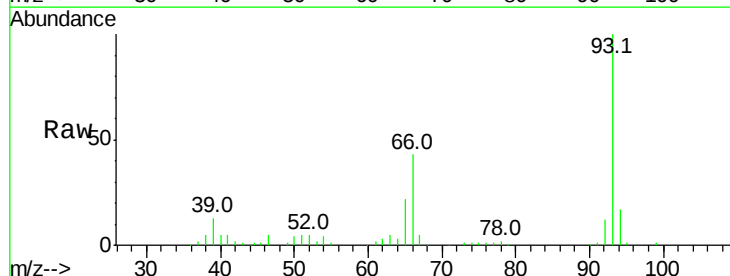
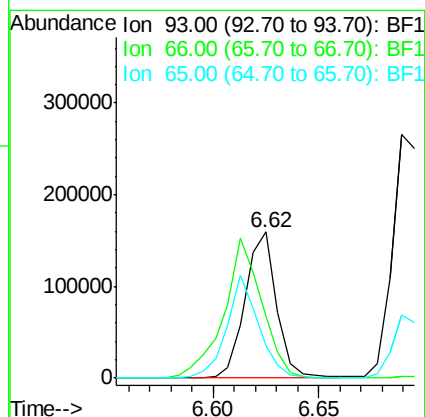
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion:	93	Resp:	164010
Ion Ratio	Lower	Upper	
93	100		
66	42.8	32.2	48.2
65	22.5	16.4	24.6





#7

Phenol-d6

Concen: 76.932 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

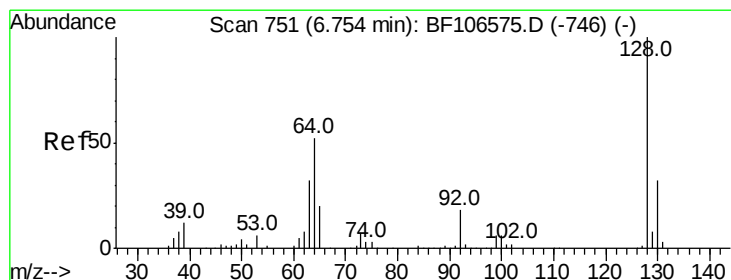
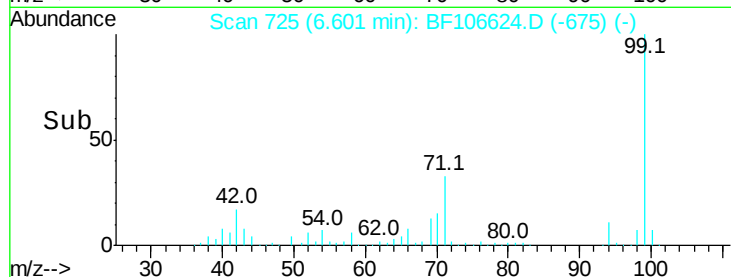
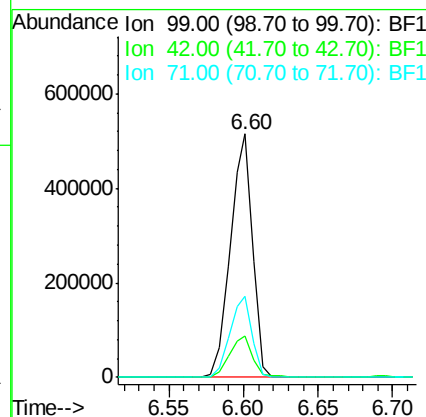
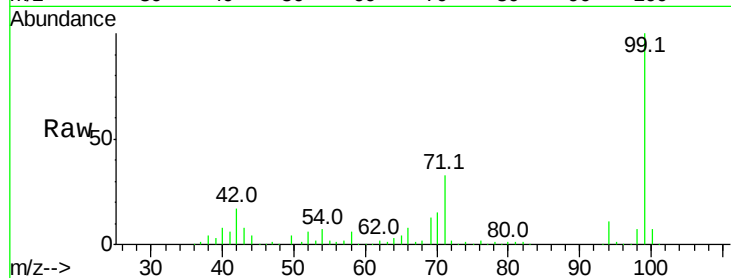
ClientSampleId :

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Tot Ion:	99	Resp:	538148
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.5	21.7
71	33.3	25.4	38.0

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#8

2-Chlorophenol

Concen: 39.378 ng

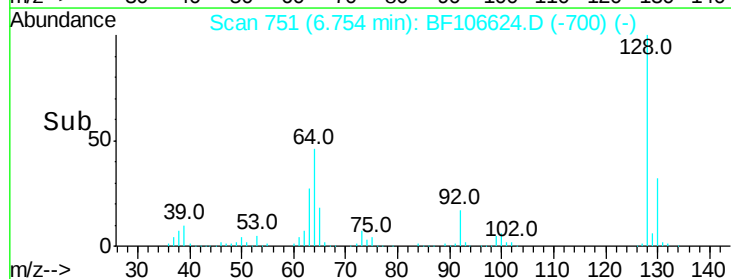
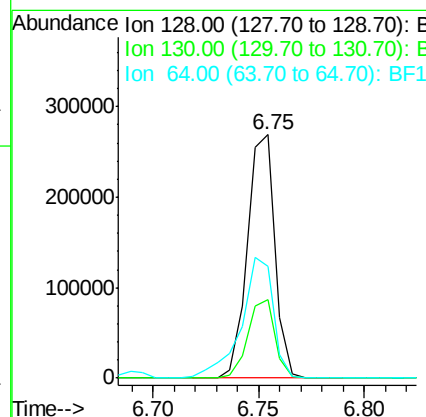
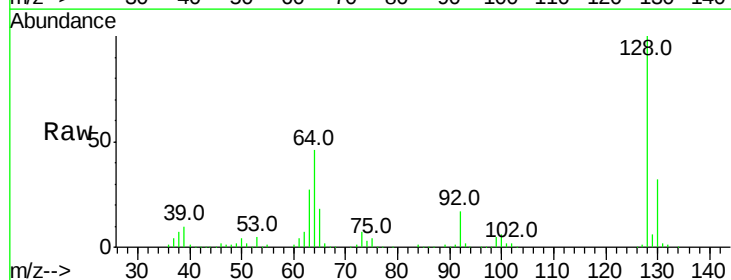
RT: 6.75 min Scan# 751

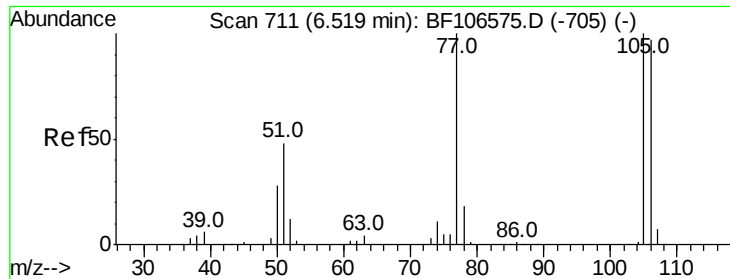
Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion:	128	Resp:	241928
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	46.1	29.4	69.4





#9

Benzaldehyde

Concen: 22.845 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

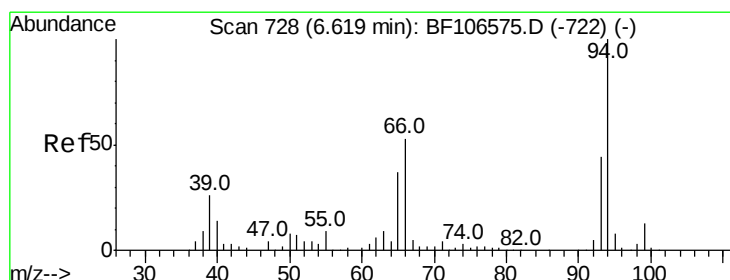
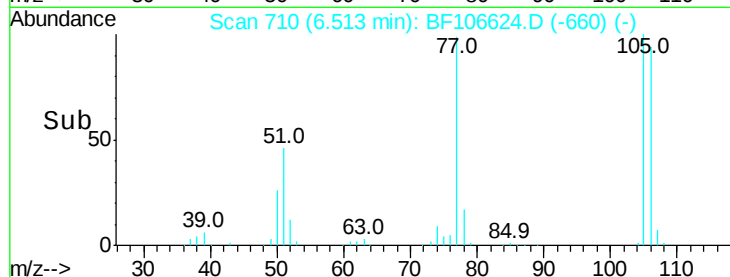
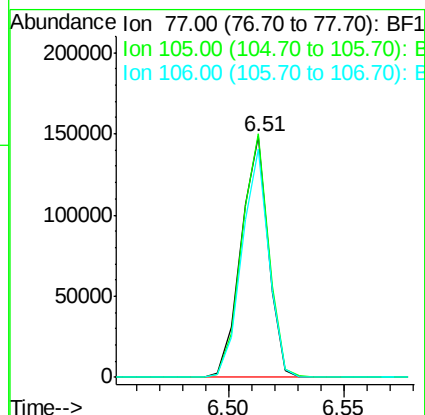
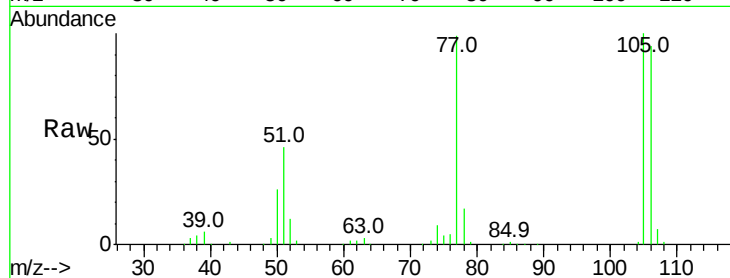
ClientSampleId :

PB110384BSD

Tot Ion:	77	Resp:	122265
Ion	Ratio	Lower	Upper
77	100		
105	101.1	81.1	121.1
106	94.7	74.5	114.5

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#10

Phenol

Concen: 37.847 ng

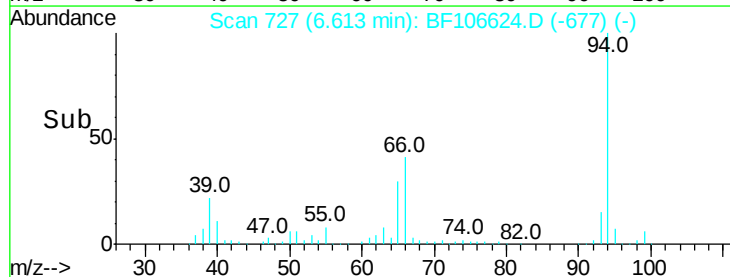
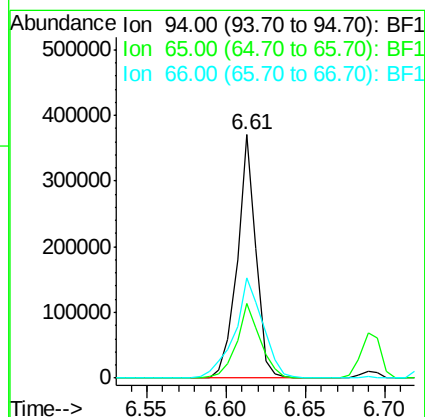
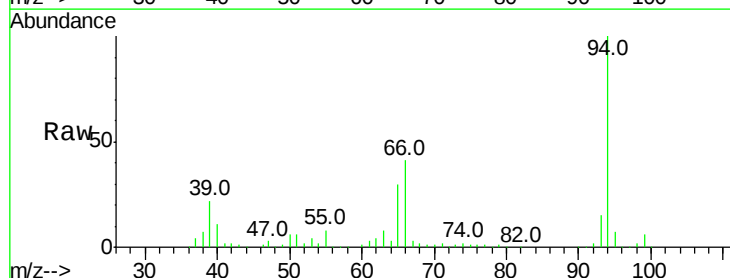
RT: 6.61 min Scan# 727

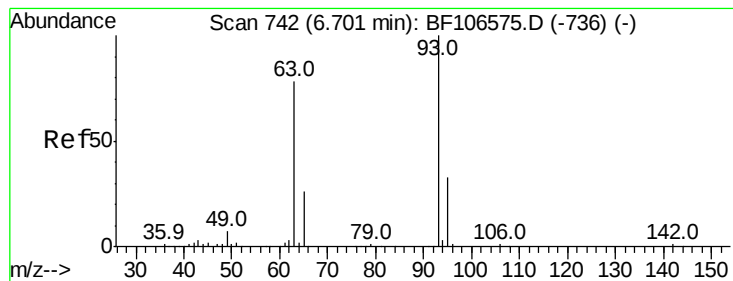
Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion:	94	Resp:	302132
Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	41.1	16.2	56.2





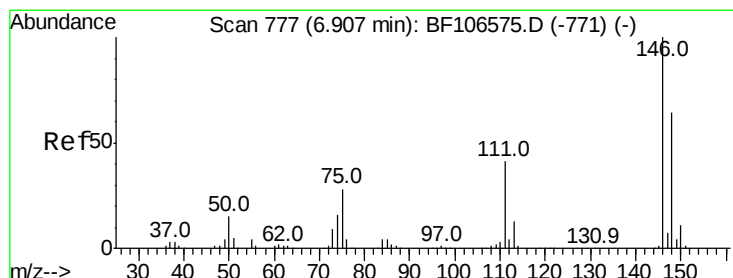
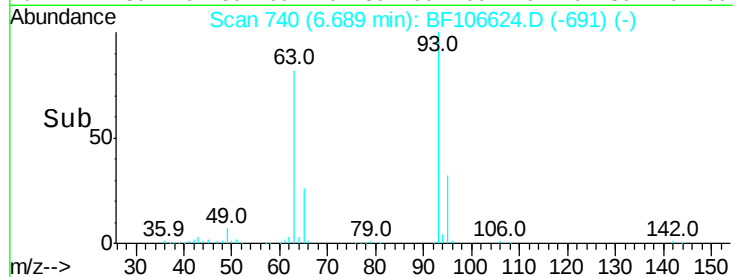
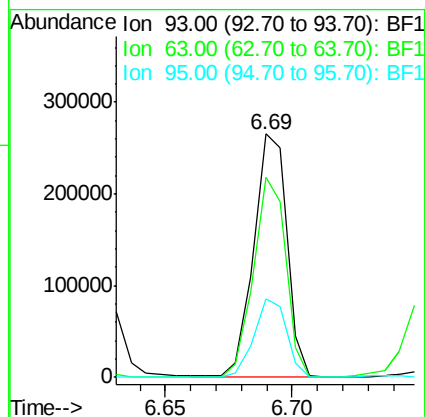
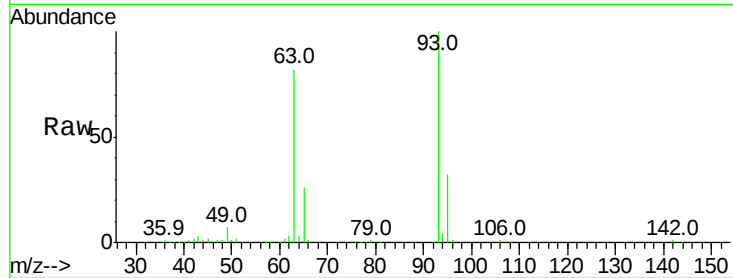
#11
bis(2-Chloroethyl)ether
Concen: 36.963 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	58.6	98.6
95	32.2	11.8	51.8

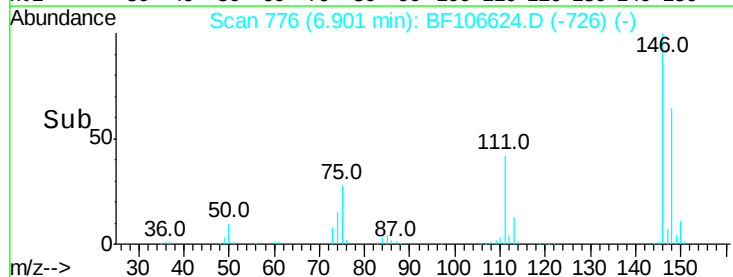
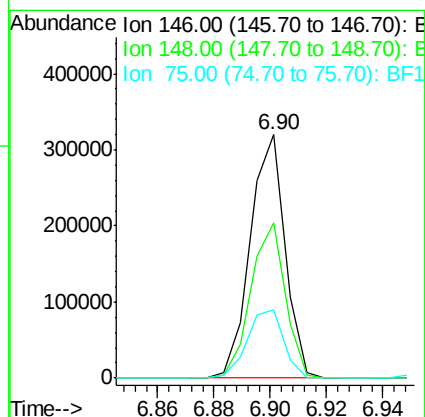
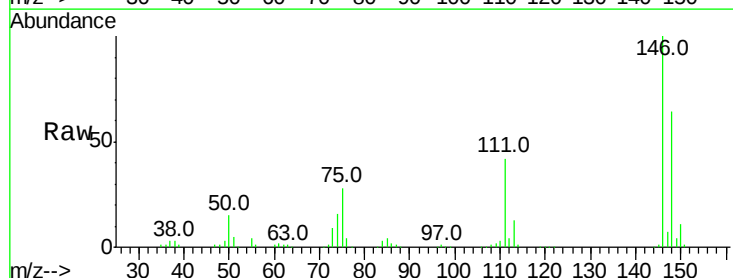
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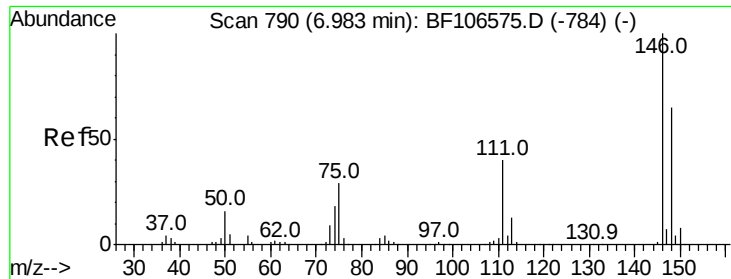
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.823 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	28.2	24.2	36.4





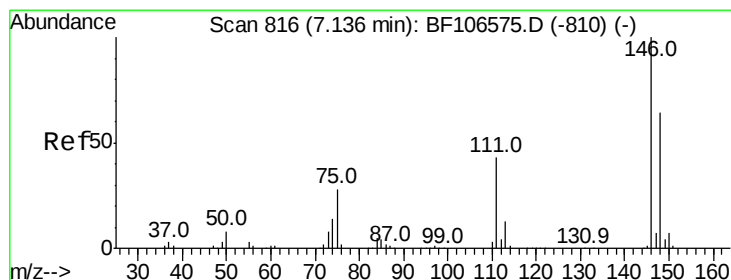
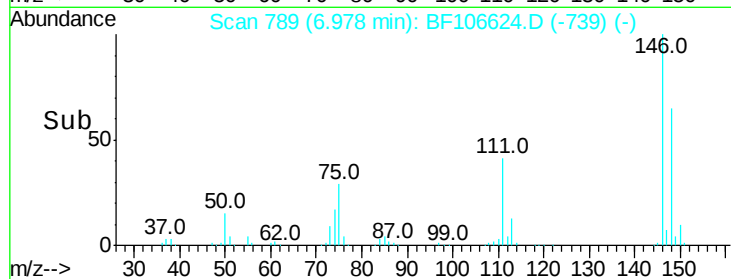
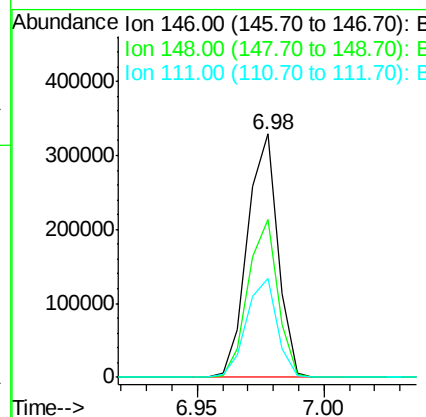
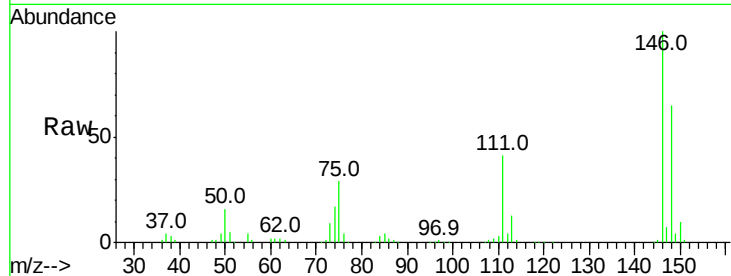
#13
 1,4-Dichlorobenzene
 Concen: 37.698 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	40.6	34.2	51.2

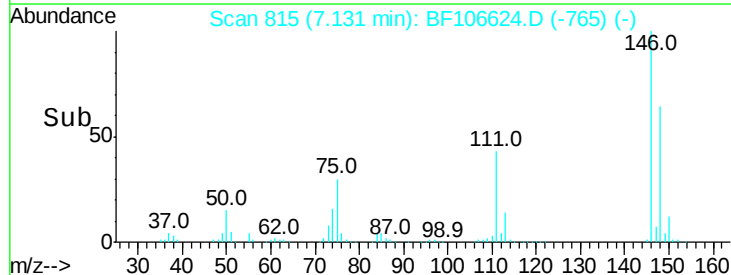
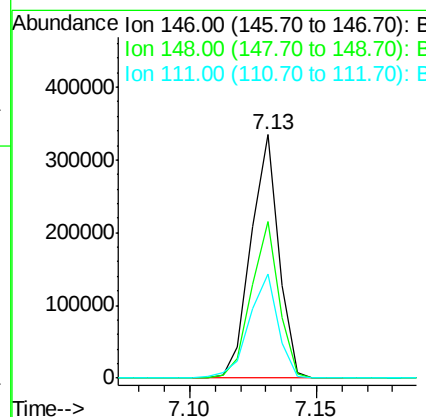
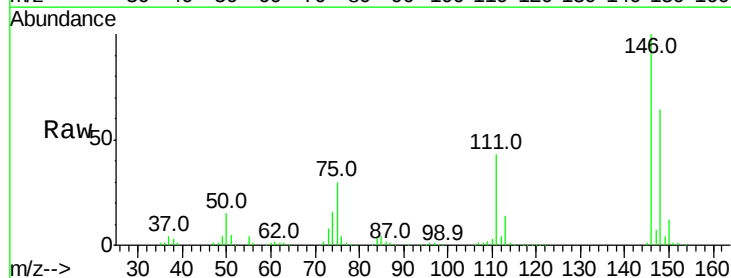
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#14
 1,2-Dichlorobenzene
 Concen: 38.452 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	42.9	36.0	54.0





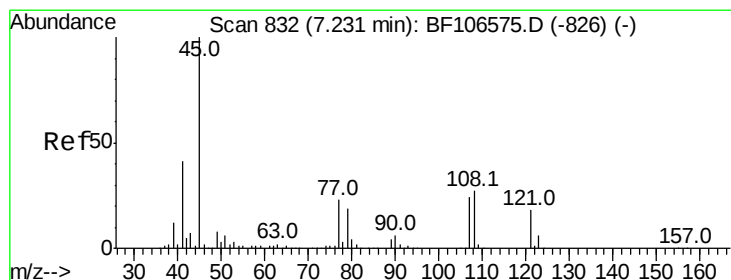
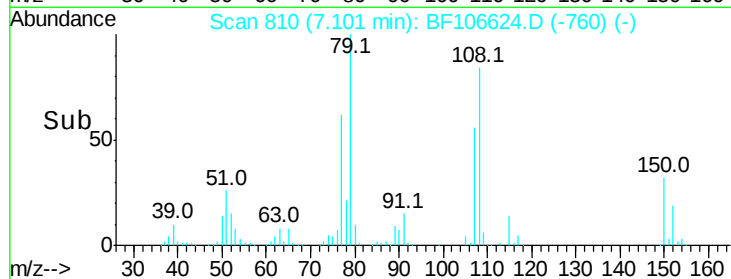
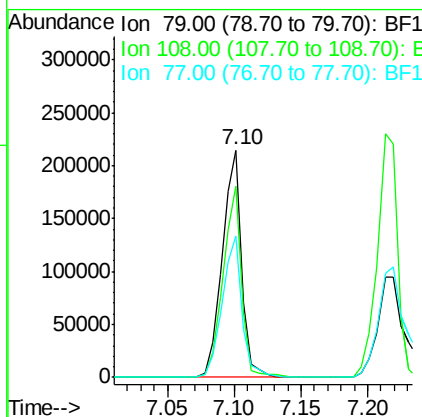
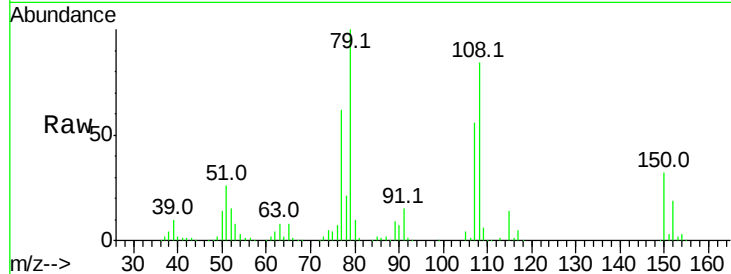
#15
Benzyl Alcohol
Concen: 39.198 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.9	65.1	97.7
77	62.0	50.6	75.8

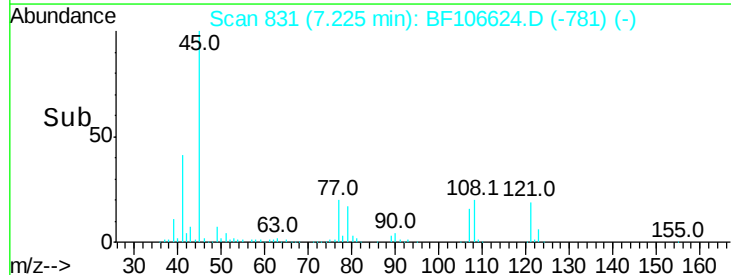
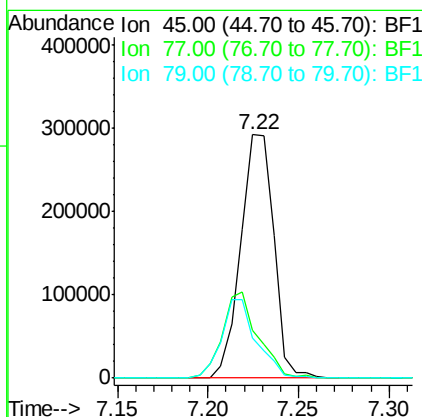
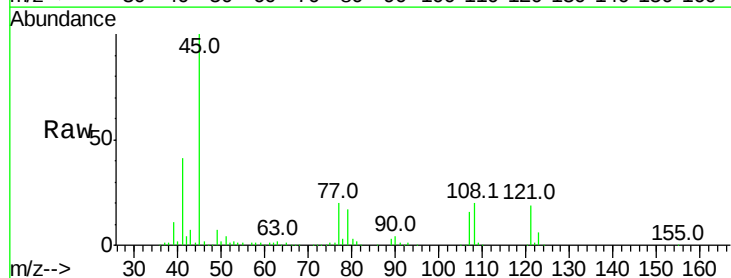
Manual Integrations
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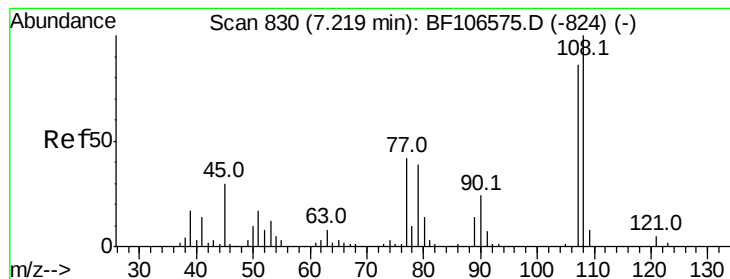
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.000 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.8	0.0	32.9
79	16.5	0.0	29.6





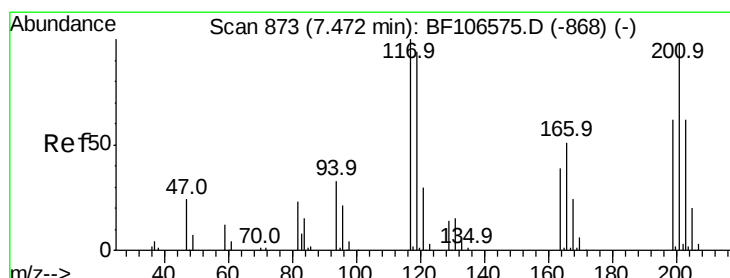
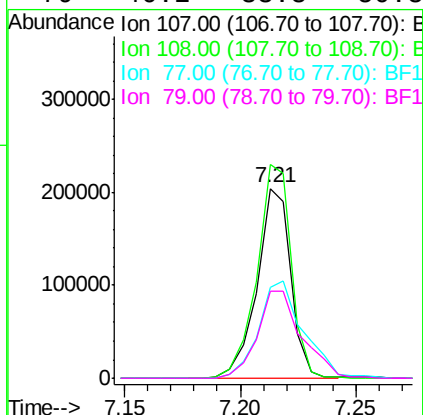
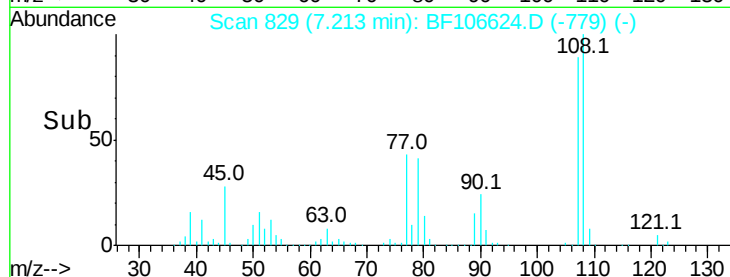
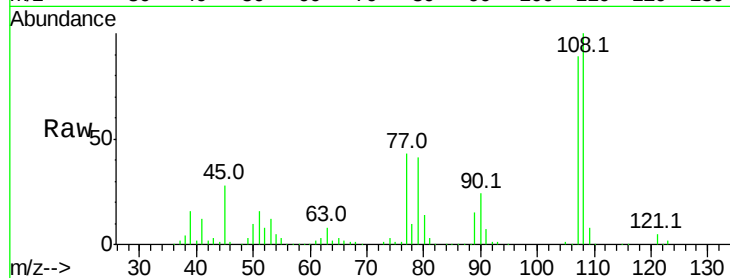
#17
2-Methylphenol
Concen: 39.549 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.7	137.5	
77	48.0	33.8	50.8	
79	46.2	33.8	50.8	

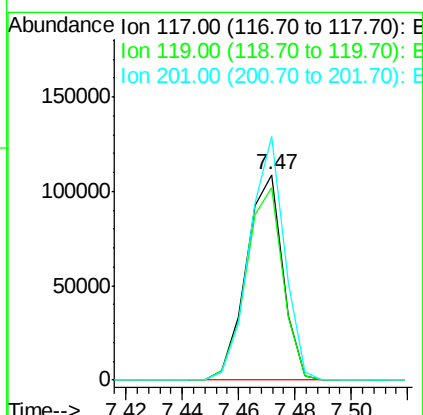
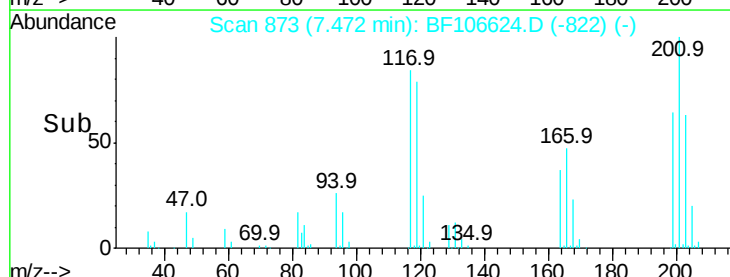
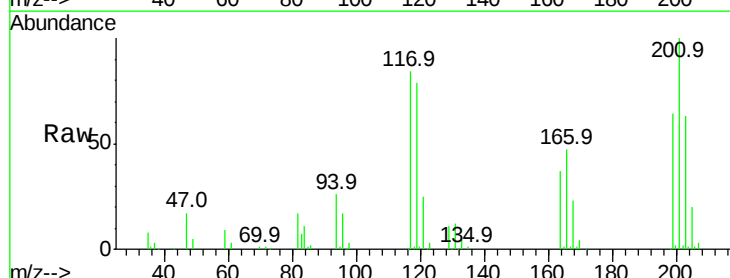
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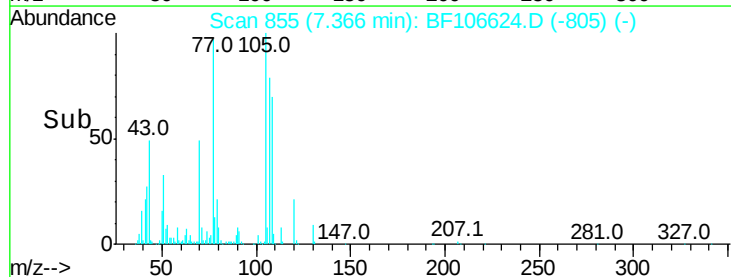
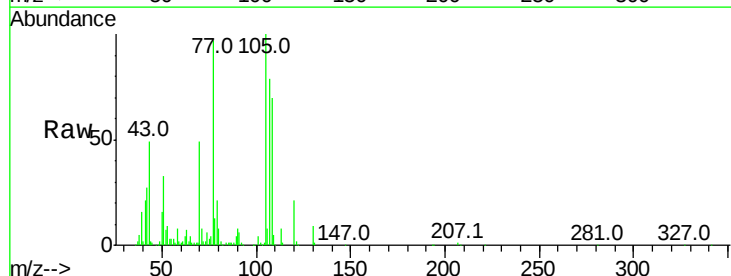
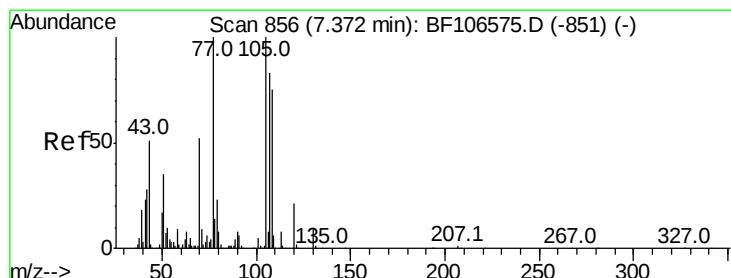
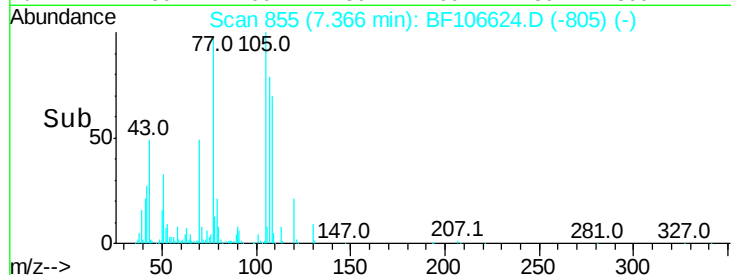
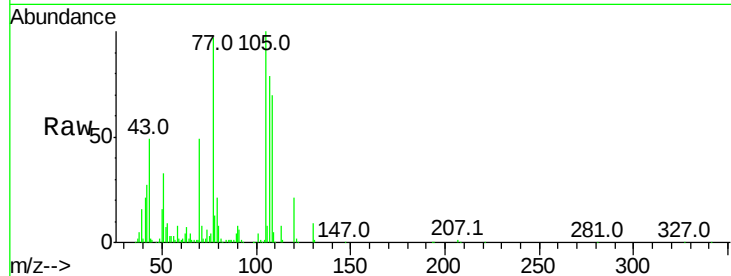
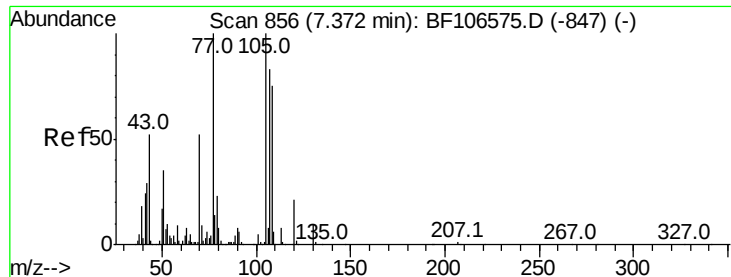
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#18
Hexachloroethane
Concen: 38.118 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

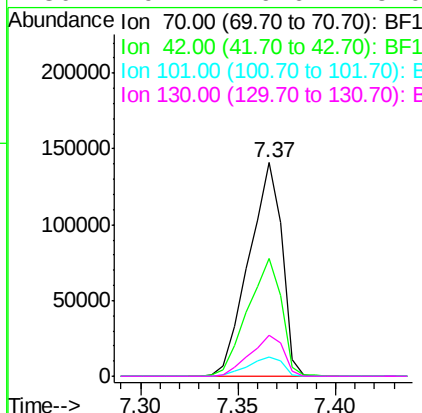
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	75.8	113.8	
201	118.6	75.7	113.5#	





#19
n-Nitroso-di-n-propylamine
Concen: 35.906 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.5	71.3
101	9.1	7.4	11.2
130	19.1	16.6	25.0



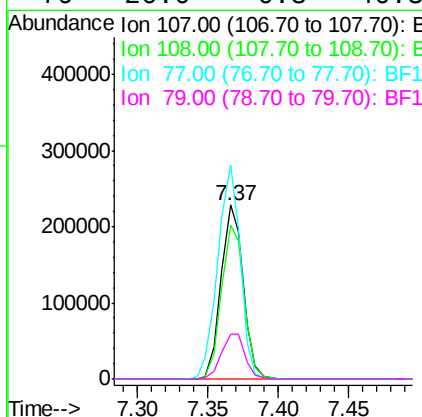
Instrument :
BNA_F
ClientSampleId :
PB110384BSD

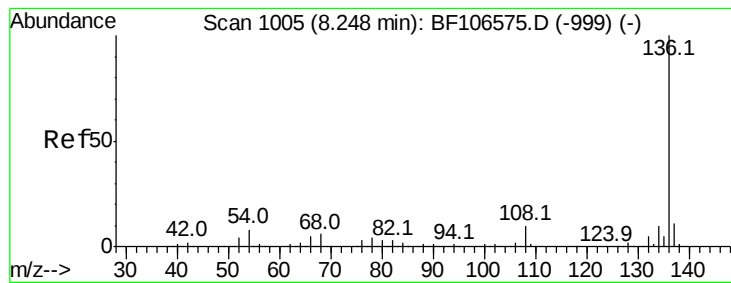
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#20
3+4-Methylphenols
Concen: 43.463 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	122.8	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: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

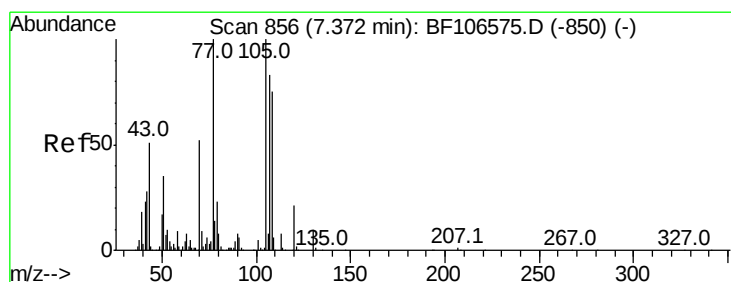
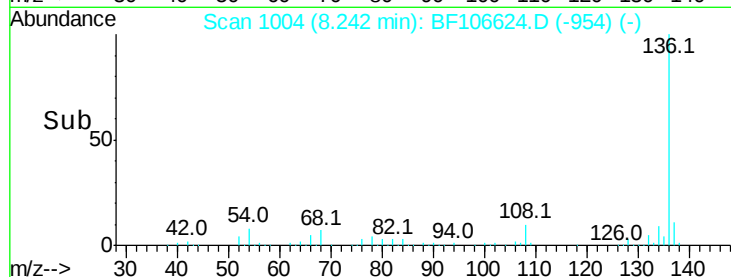
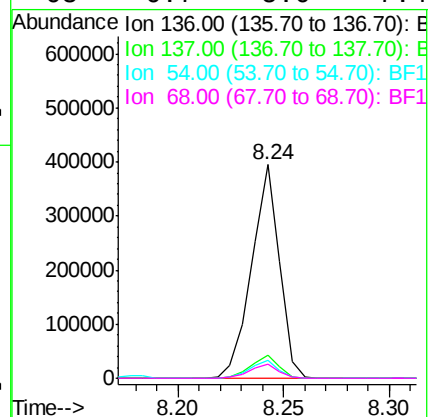
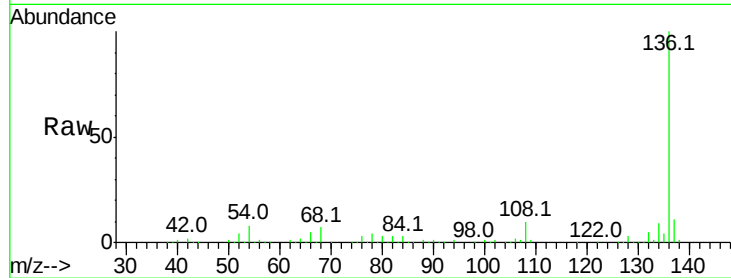
ClientSampleId :

PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	360846		
137	10.8		8.9	13.3
54	8.2		6.6	9.8
68	6.7		5.0	7.4

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#22

Acetophenone

Concen: 39.970 ng

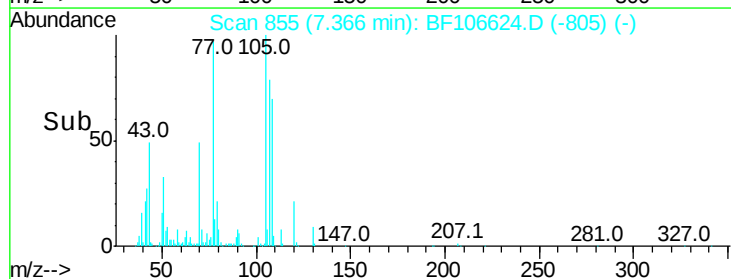
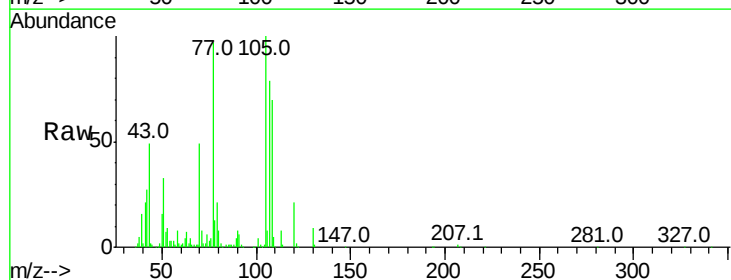
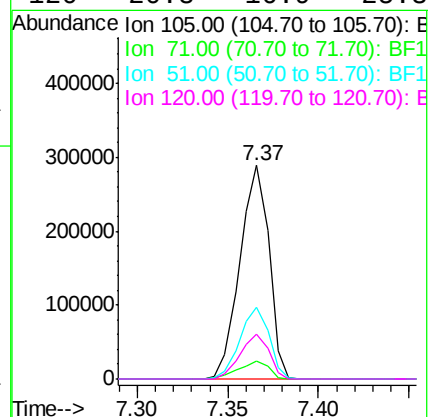
RT: 7.37 min Scan# 855

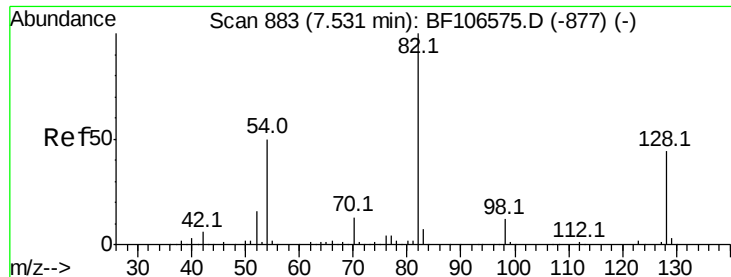
Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	322681		
71	8.1		4.4	6.6#
51	33.4		22.3	33.5
120	20.8		16.9	25.3





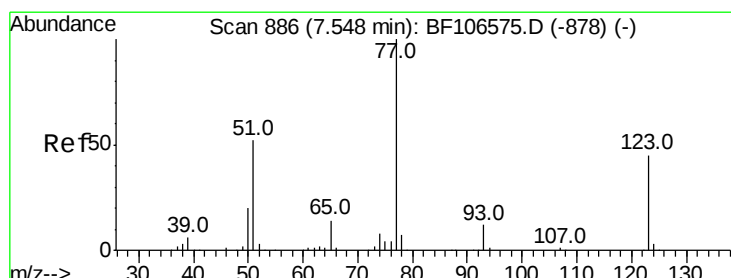
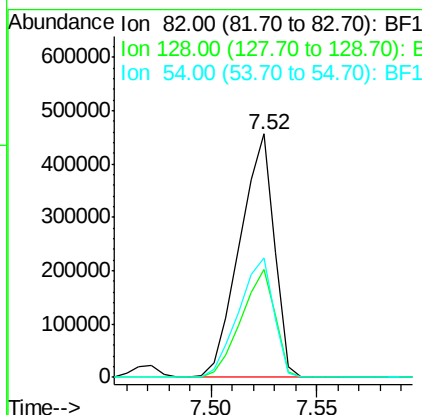
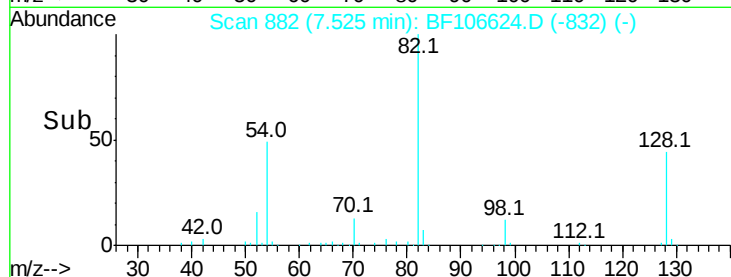
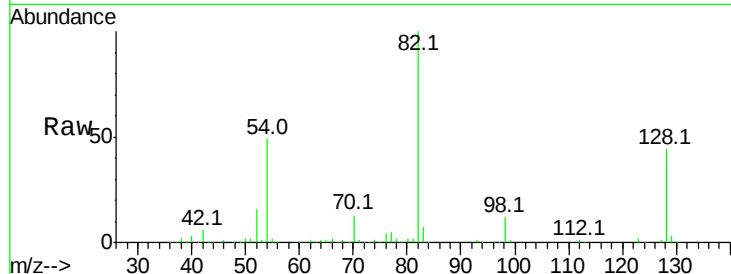
#23
Nitrobenzene-d5
Concen: 79.544 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	36.1	54.1	
54	49.2	41.4	62.2	

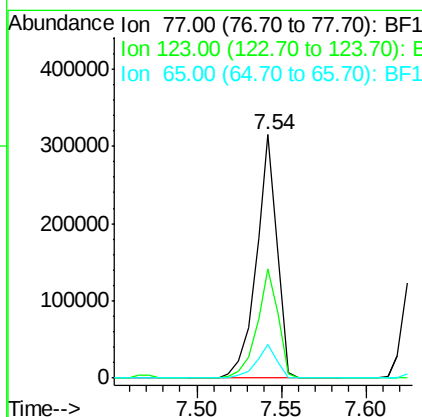
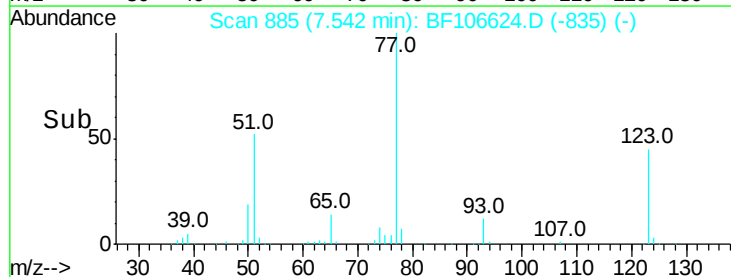
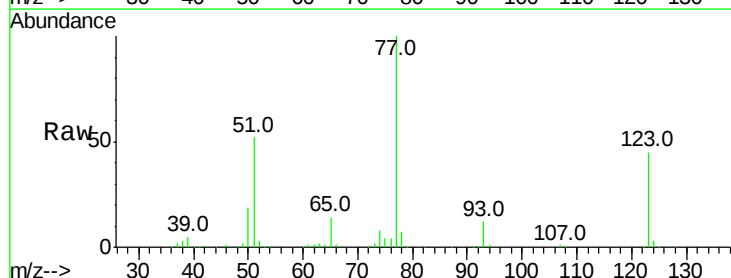
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#24
Nitrobenzene
Concen: 40.371 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.1	37.9	56.9	
65	14.0	11.0	16.4	





#25

Isophorone

Concen: 43.684 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

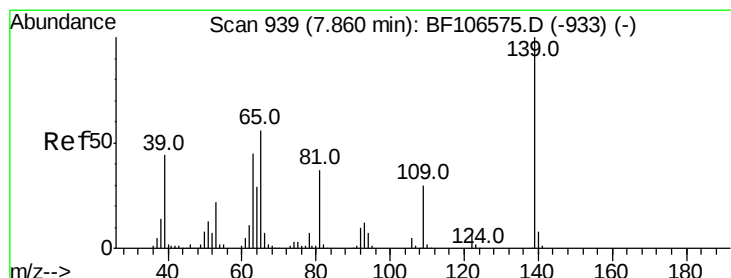
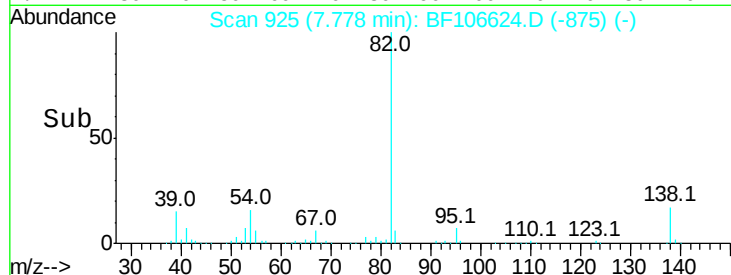
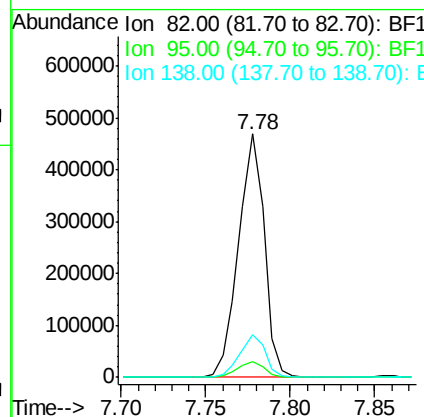
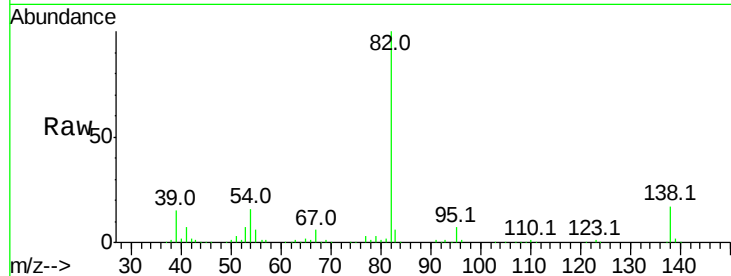
ClientSampleId :

PB110384BSD

Tot Ion:	82	Resp:	499830
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	17.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 43.124 ng

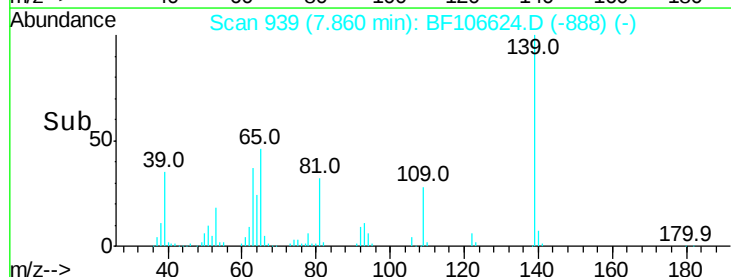
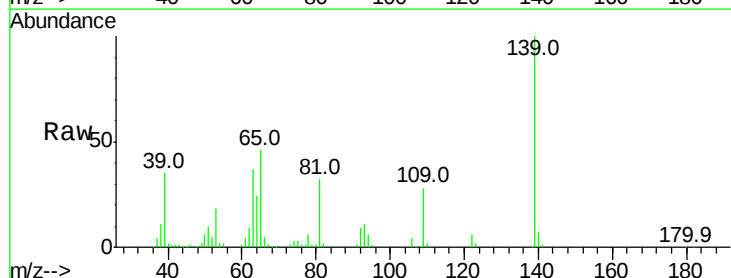
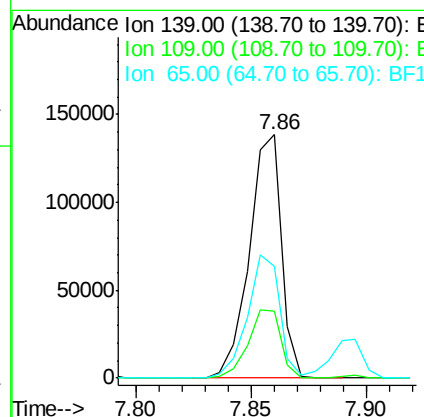
RT: 7.86 min Scan# 939

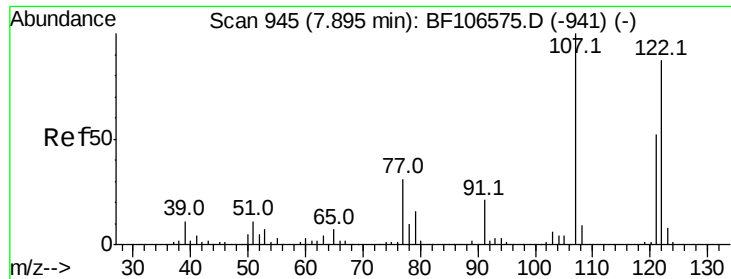
Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion:	139	Resp:	134953
Ion Ratio	Lower	Upper	
139	100		
109	27.5	22.7	34.1
65	45.7	40.5	60.7





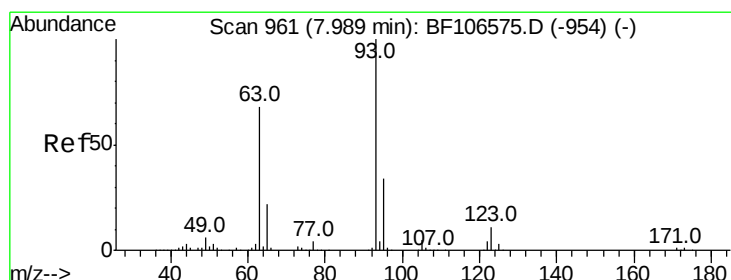
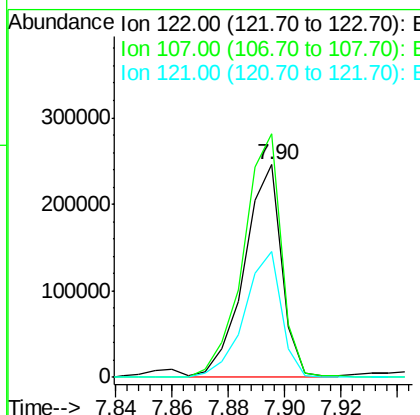
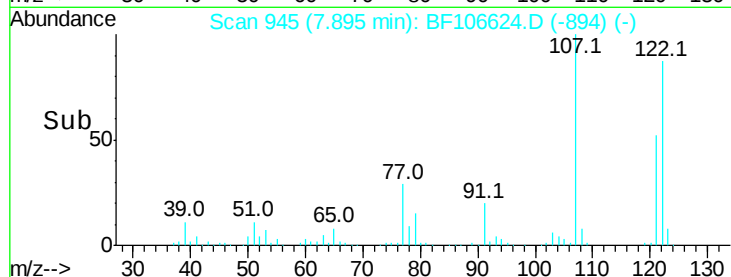
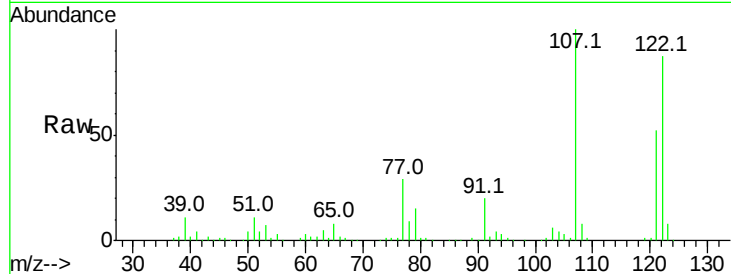
#27
2,4-Dimethylphenol
Concen: 46.828 ng
RT: 7.90 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	226507		
107	114.4	91.2	136.8	
121	59.4	47.2	70.8	

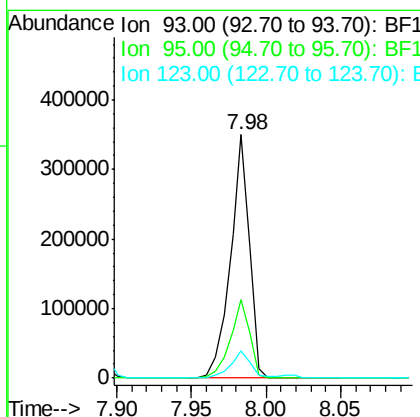
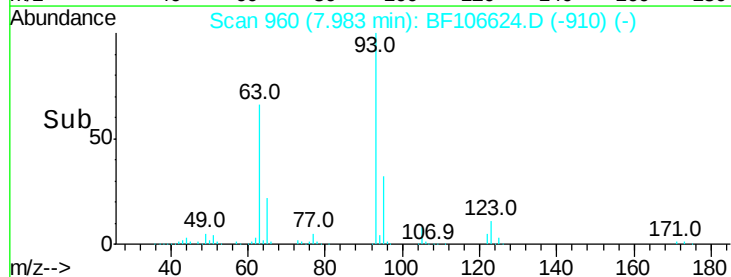
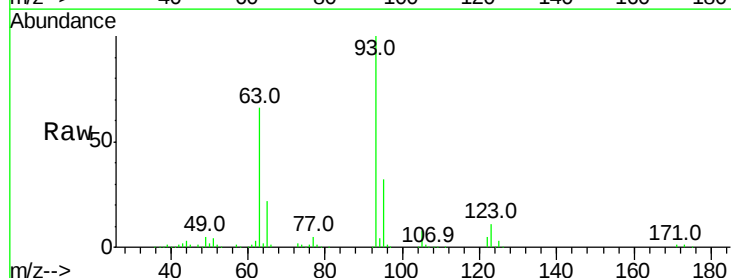
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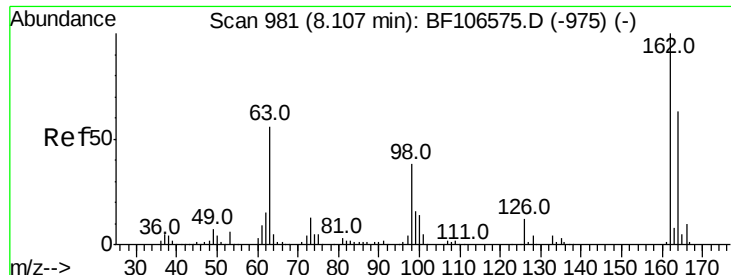
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.871 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	313984		
95	32.4	26.3	39.5	
123	11.0	9.8	14.6	





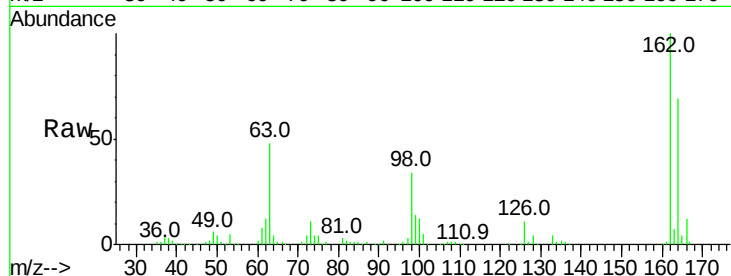
#29
2,4-Dichlorophenol
Concen: 43.870 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

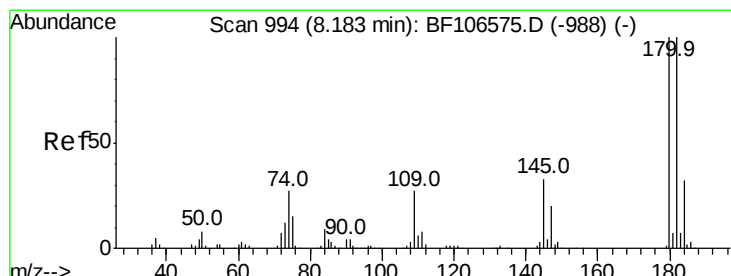
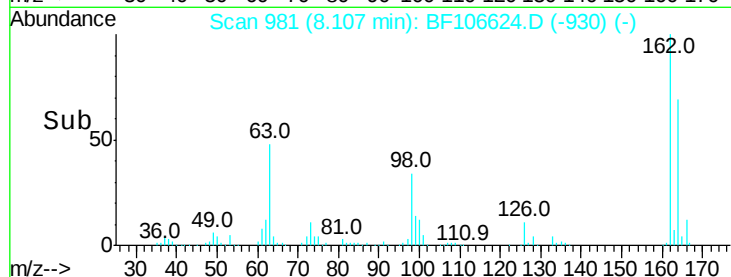
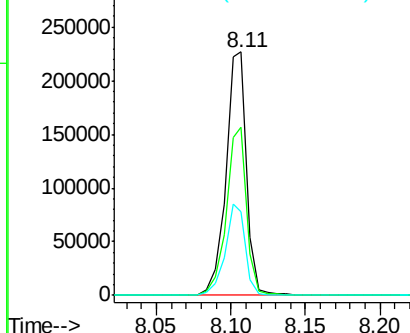
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	69.1	42.7	82.7
98	34.5	18.1	58.1

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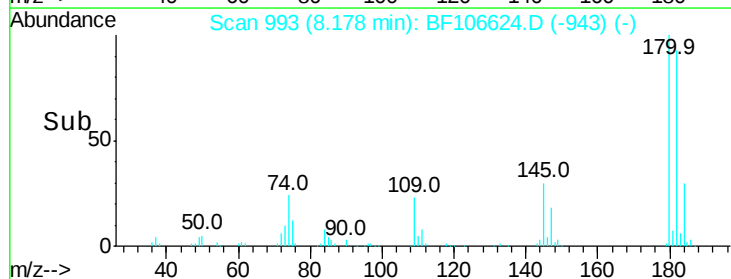
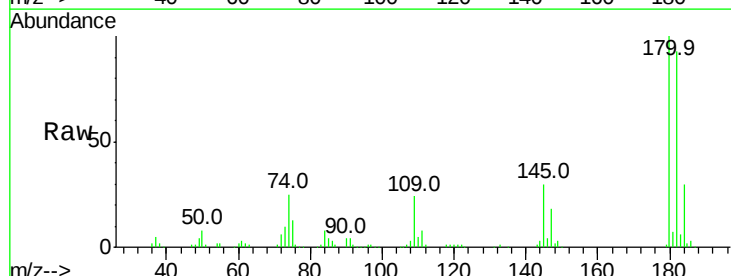
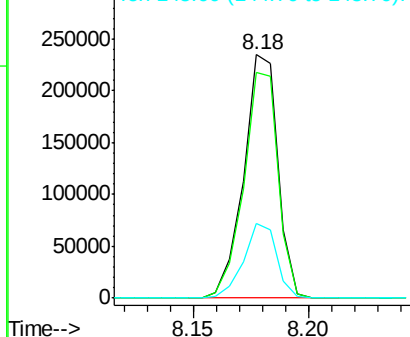
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

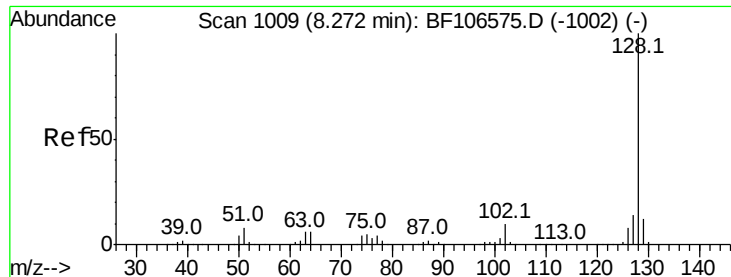


#30
1,2,4-Trichlorobenzene
Concen: 43.524 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.6	76.8	115.2
145	30.4	26.5	39.7

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





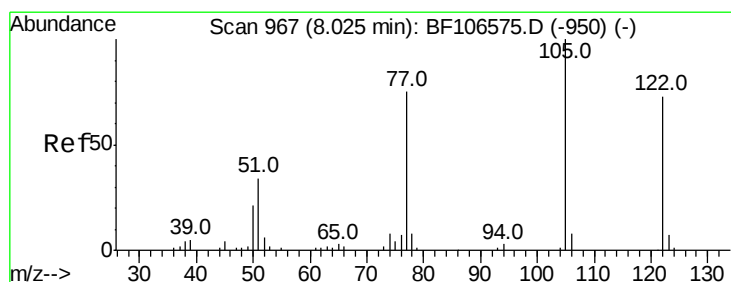
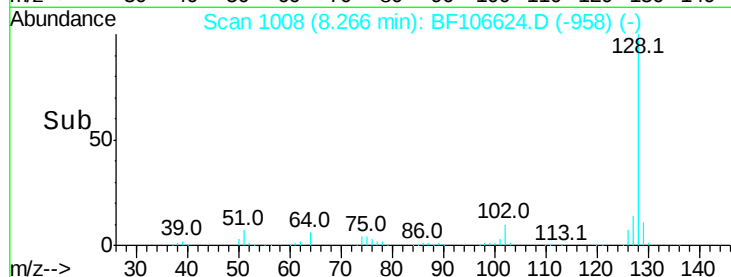
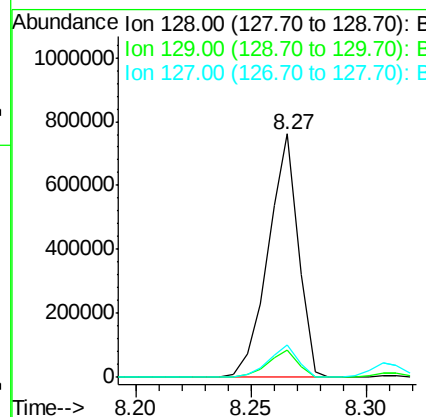
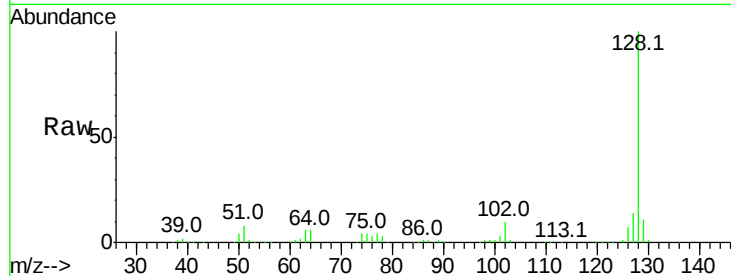
#31
Naphthalene
Concen: 40.850 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	689167		
129	11.2		8.8	13.2
127	13.6		10.9	16.3

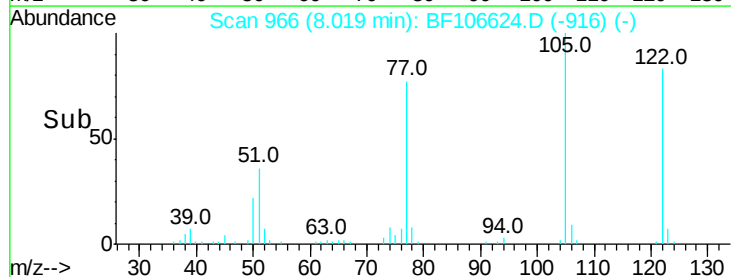
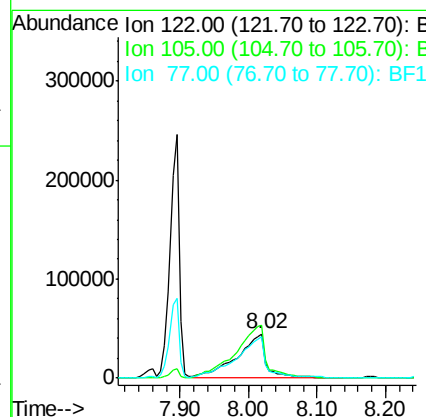
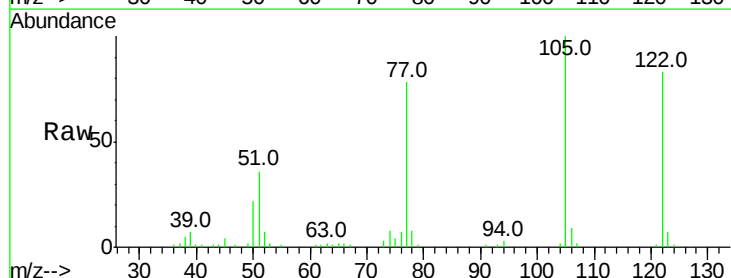
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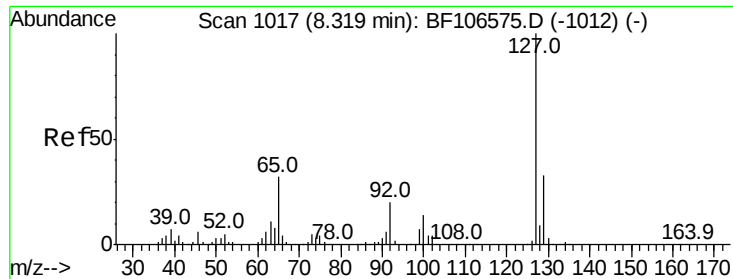
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#32
Benzoic acid
Concen: 38.549 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	131122		
105	120.1		101.1	141.1
77	93.6		70.7	110.7





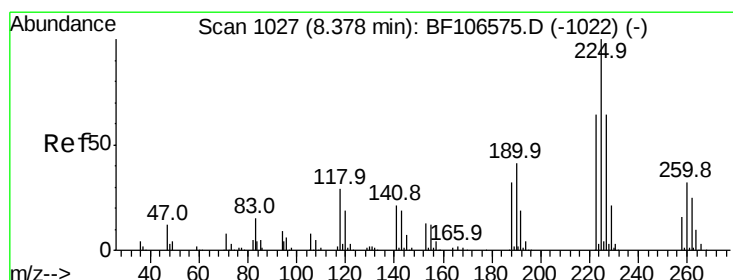
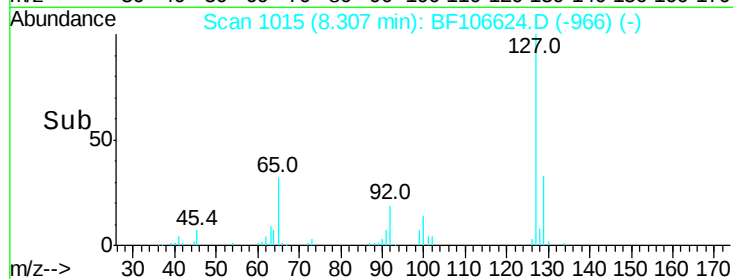
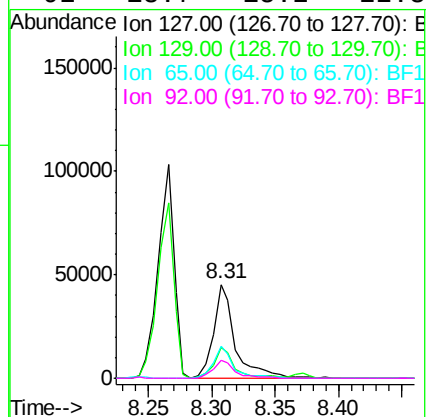
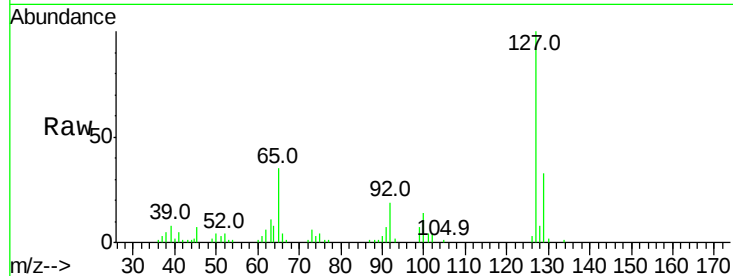
#33
4-Chloroaniline
Concen: 7.743 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	25.9	38.9		
65	34.6	25.0	37.4		
92	18.7	15.2	22.8		

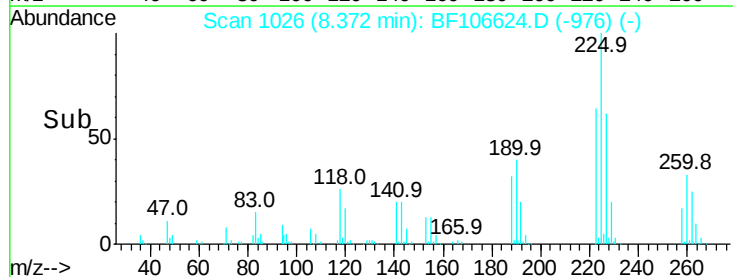
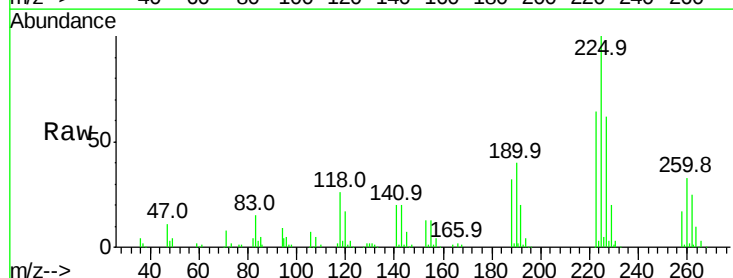
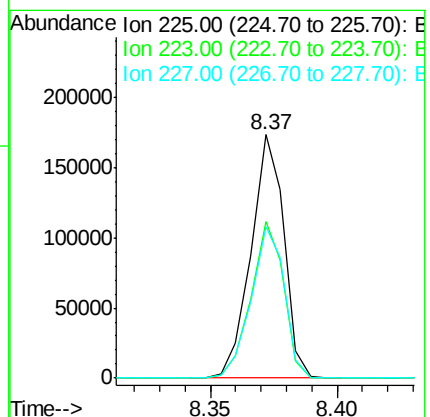
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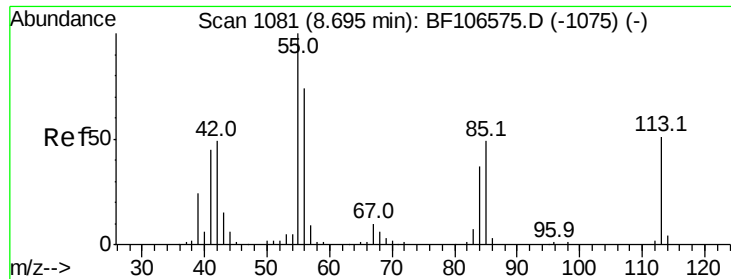
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#34
Hexachlorobutadiene
Concen: 43.134 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.6	76.0		
227	62.4	51.9	77.9		





#35

Caprolactam

Concen: 46.240 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleID :

PB110384BSD

Tot Ion:113 Resp: 76330

Ion Ratio Lower Upper

113 100

55 182.2 163.3 203.3

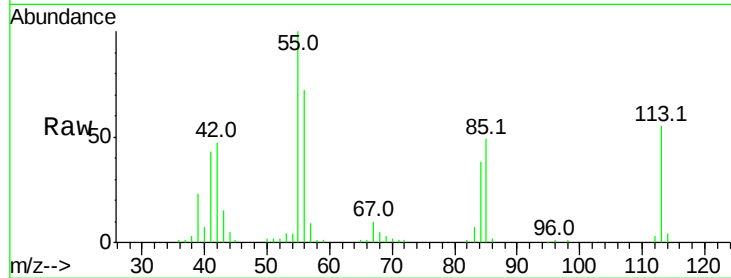
56 131.4 115.7 155.7

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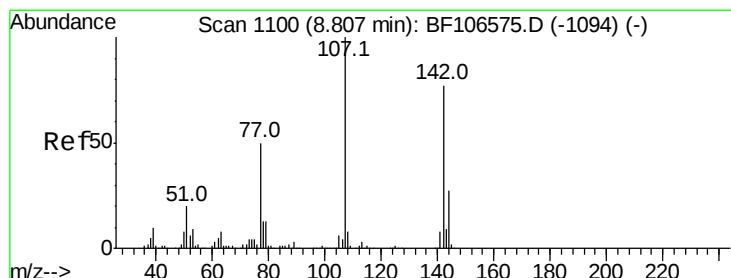
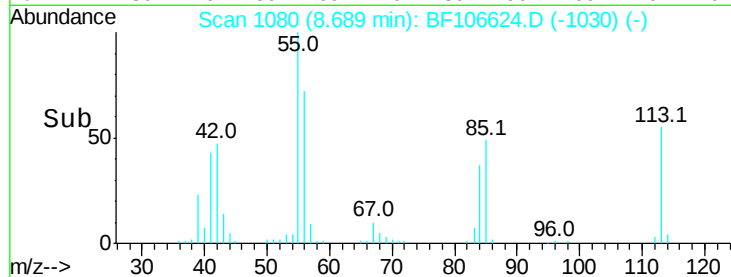
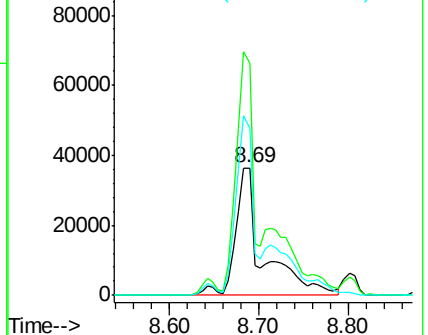
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.232 ng/mL

RT: 8.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

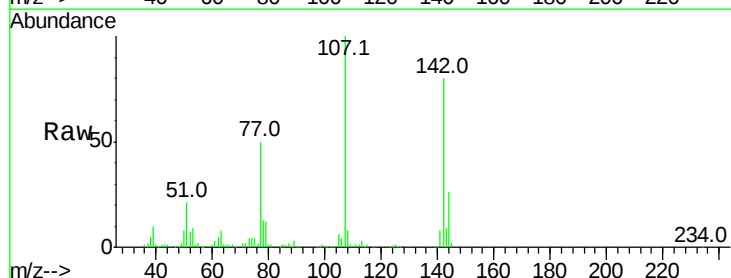
Tgt Ion:107 Resp: 241096

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

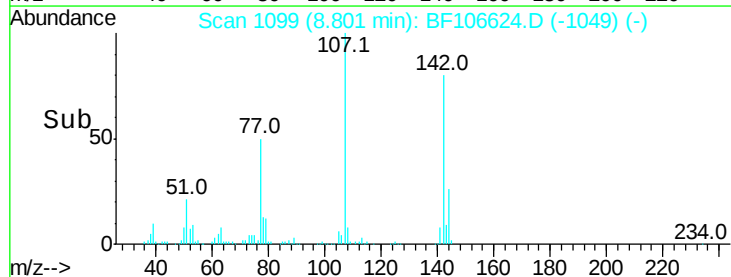
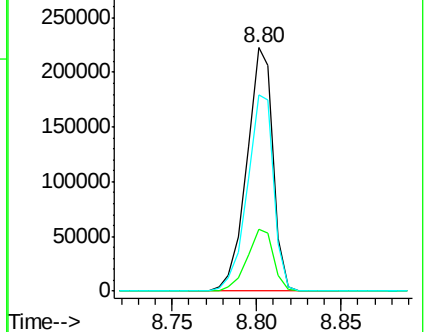
142 80.4 62.0 93.0

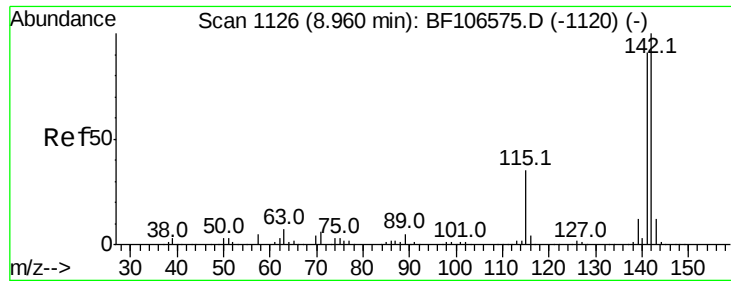


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





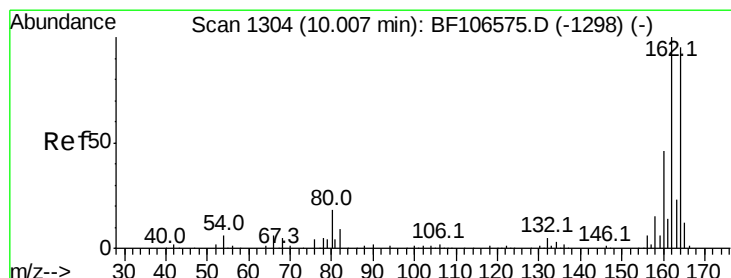
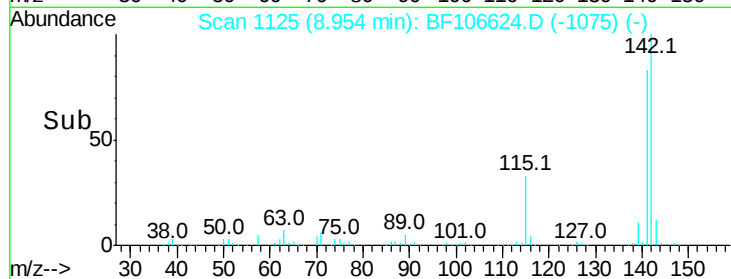
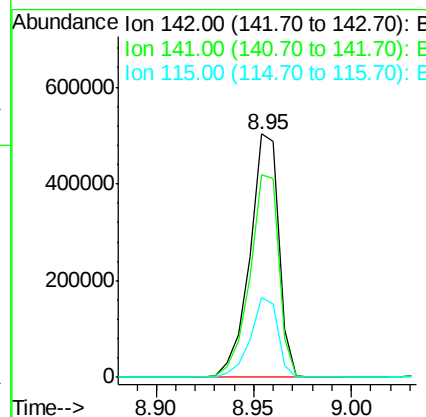
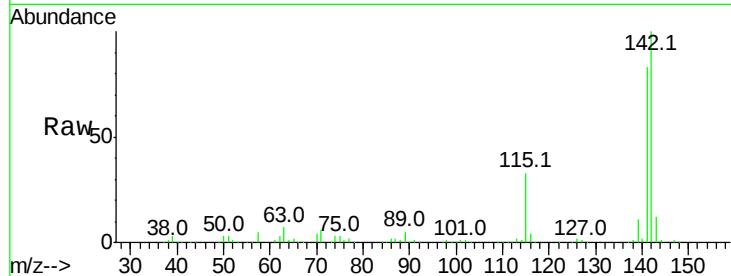
#37
2-Methylnaphthalene
Concen: 46.271 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.5	70.8	106.2
115	32.8	26.1	39.1

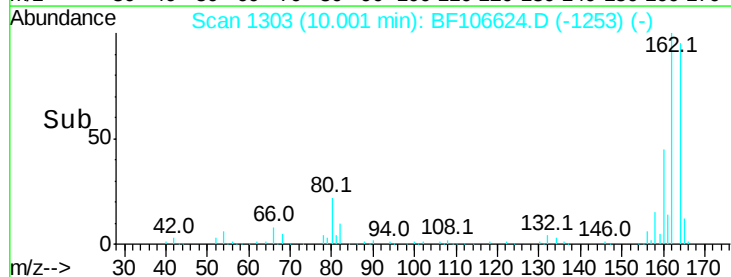
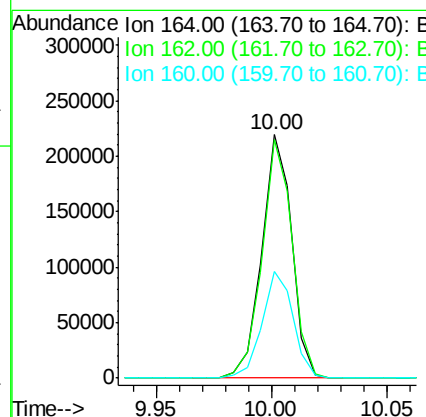
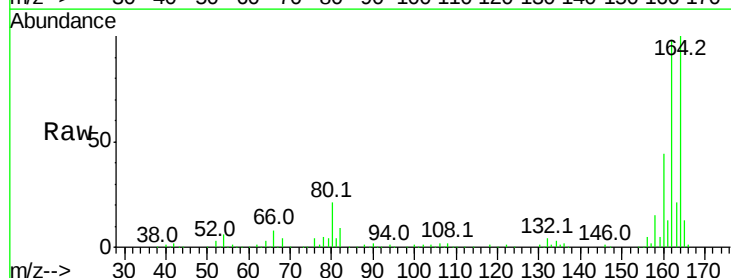
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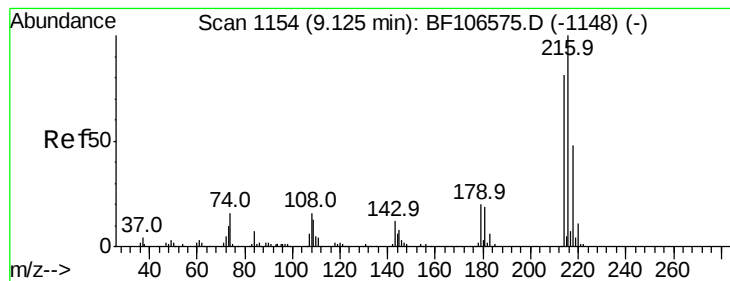
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.8	86.1	129.1
160	43.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.071 ng

RT: 9.12 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

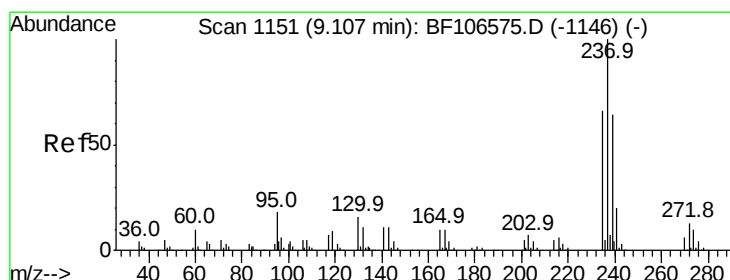
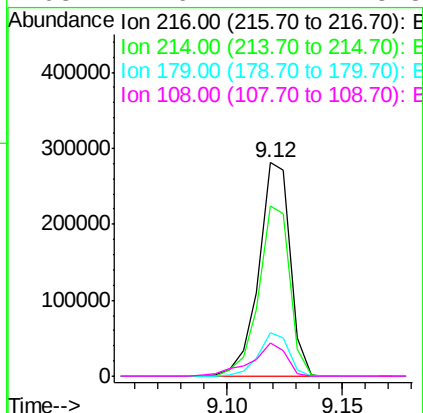
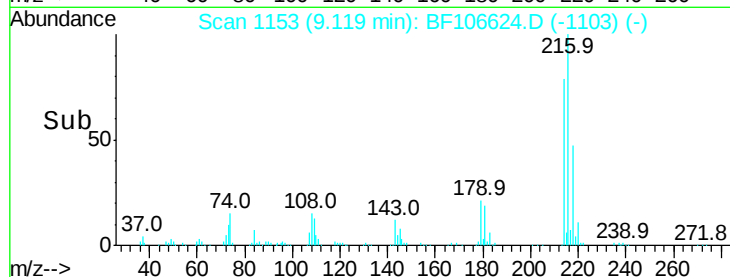
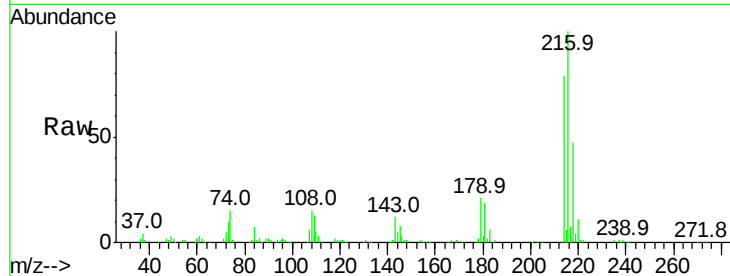
ClientSampleId :

PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	267280		
214	78.8	63.0	94.4	
179	19.6	18.1	27.1	
108	17.6	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 89.703 ng

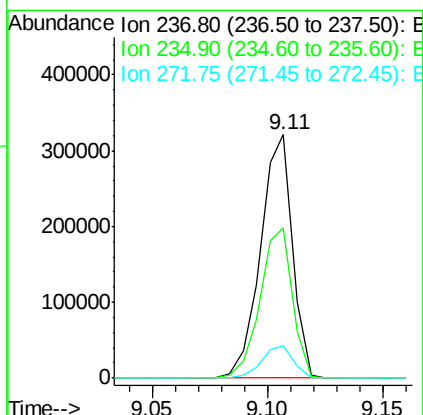
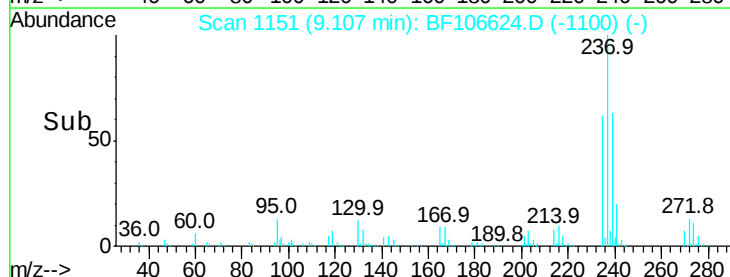
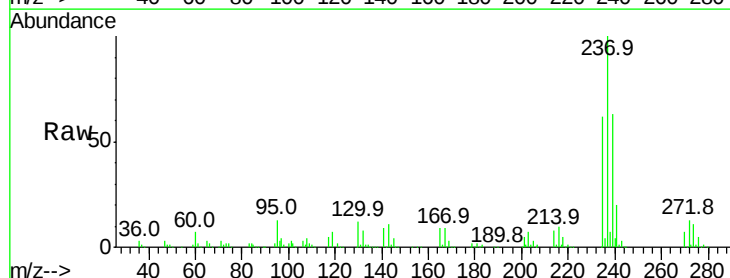
RT: 9.11 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	307843		
235	61.7	44.8	84.8	
272	13.3	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 90.258 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

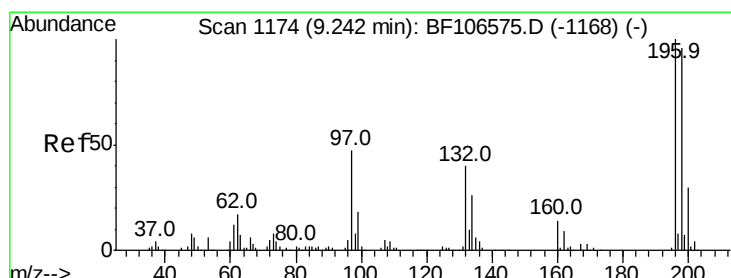
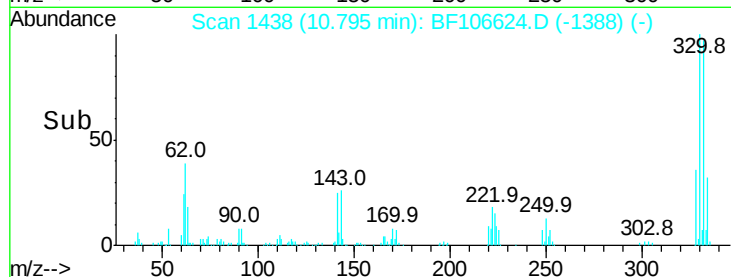
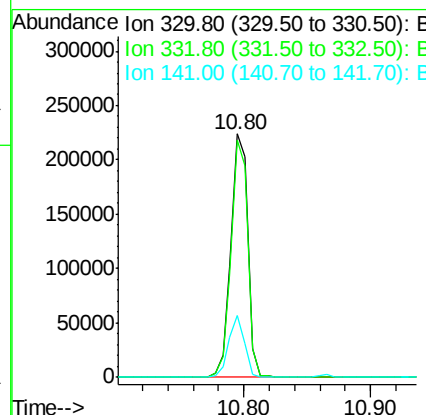
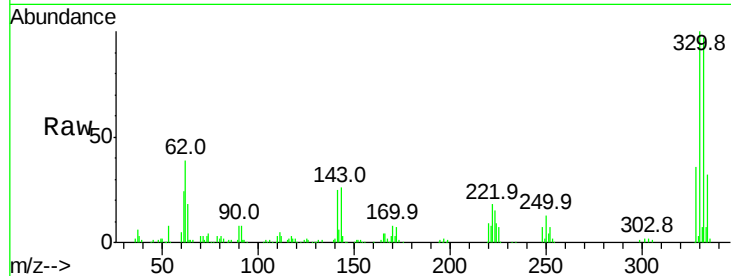
ClientSampleId :

PB110384BSD

Tot Ion:	330	Resp:	207199
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	24.0	29.9	44.9#

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#42

2,4,6-Trichlorophenol

Concen: 38.627 ng

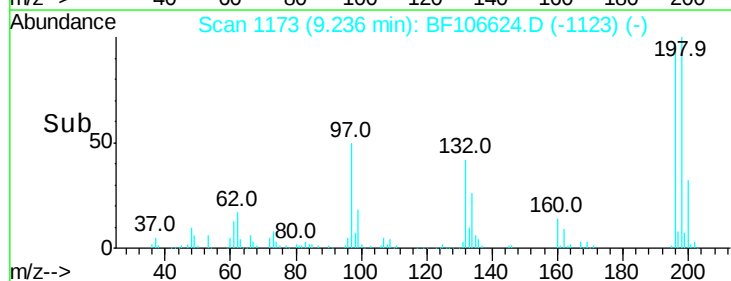
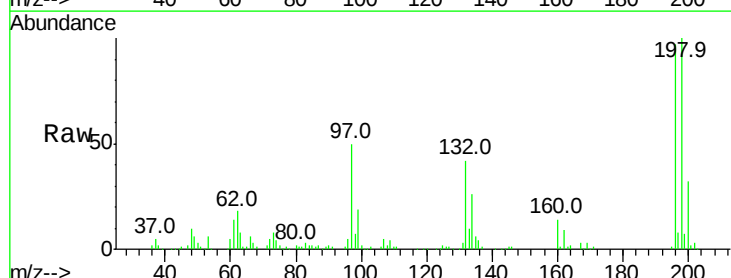
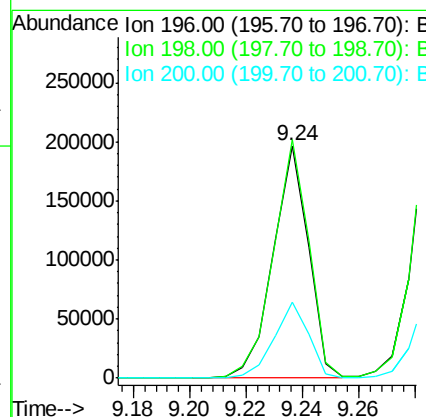
RT: 9.24 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion:	196	Resp:	171266
Ion Ratio	Lower	Upper	
196	100		
198	102.8	75.7	113.5
200	32.8	24.5	36.7





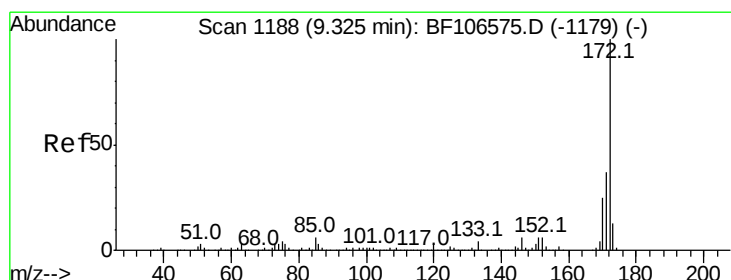
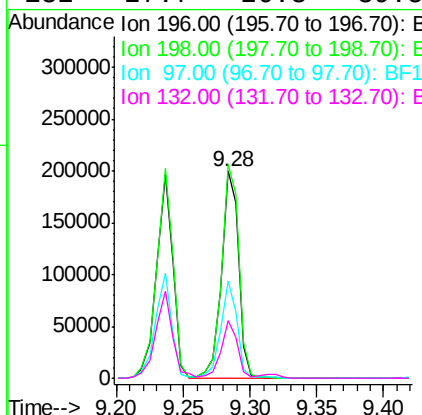
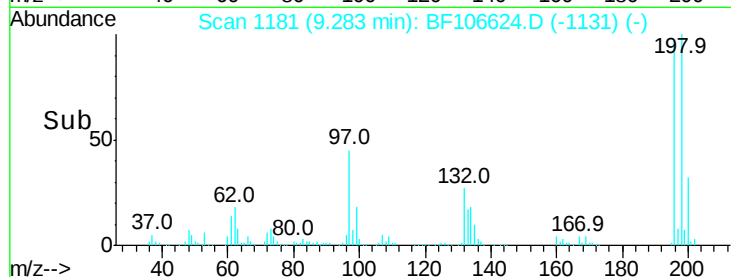
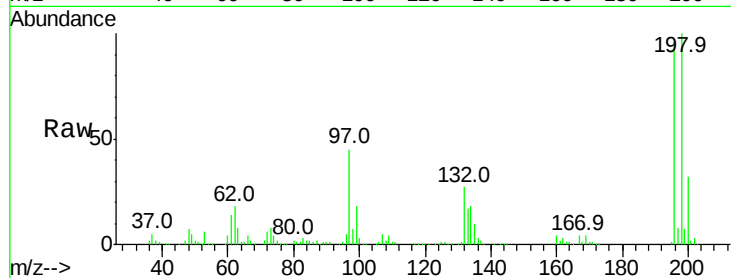
#43
 2,4,5-Trichlorophenol
 Concen: 39.496 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tot Ion	196	Resp	182733
Ion Ratio	Lower	Upper	
196	100		
198	103.1	74.6	112.0
97	46.7	42.9	64.3
132	27.7	26.3	39.5

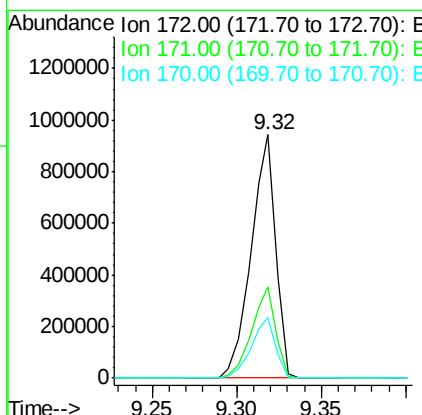
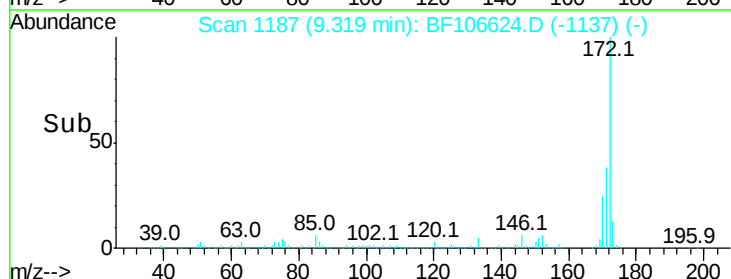
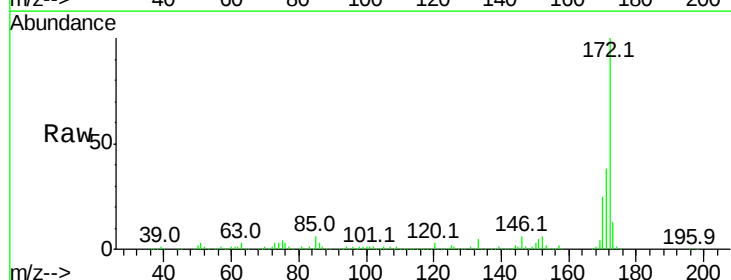
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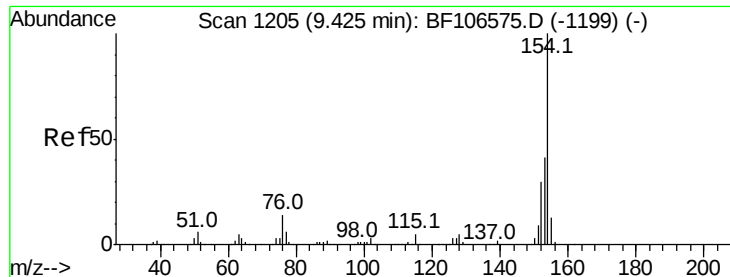
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#44
 2-Fluorobiphenyl
 Concen: 80.606 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion	172	Resp	952147
Ion Ratio	Lower	Upper	
172	100		
171	37.6	29.7	44.5
170	25.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 39.439 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

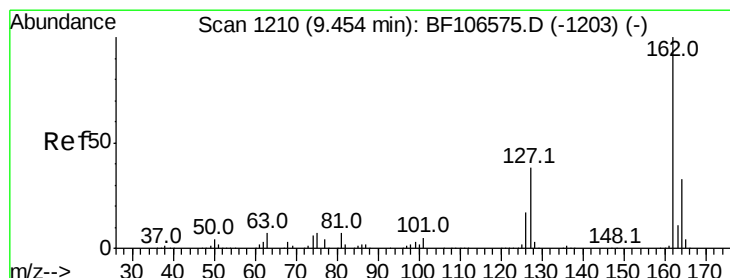
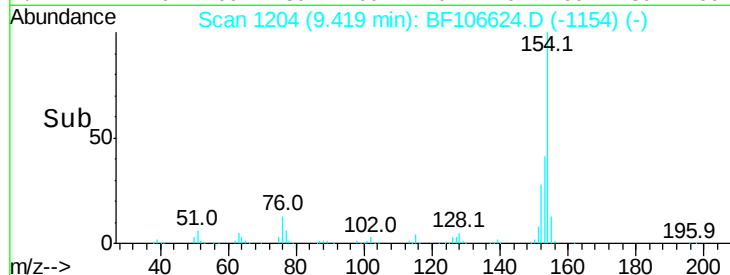
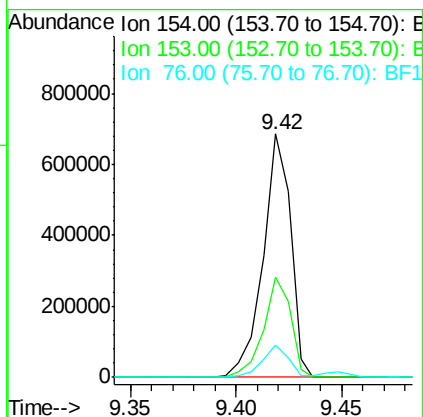
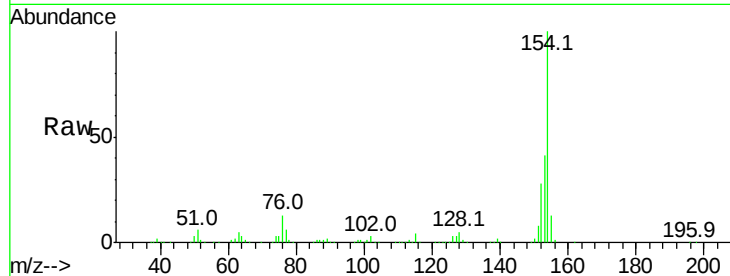
ClientSampleId :

PB110384BSD

Tot Ion:	154	Resp:	622539
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	13.4	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 37.491 ng

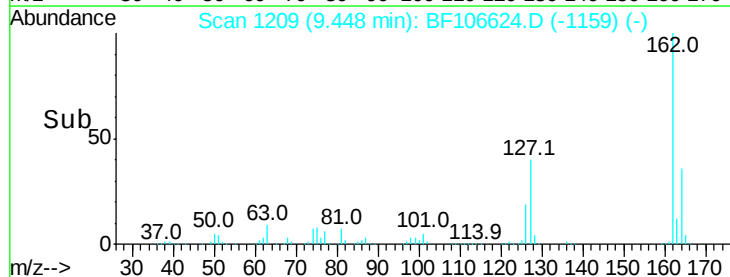
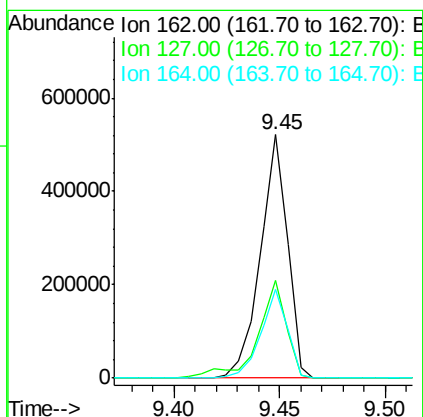
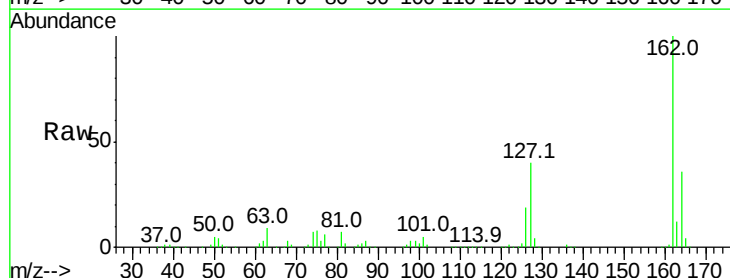
RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion:	162	Resp:	465828
Ion Ratio	Lower	Upper	
162	100		
127	39.9	33.9	50.9
164	36.2	26.5	39.7





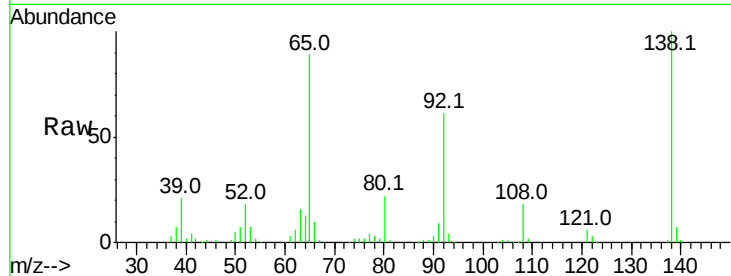
#47
2-Nitroaniline
Concen: 37.786 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	55.8	83.6
138	112.8	91.2	136.8

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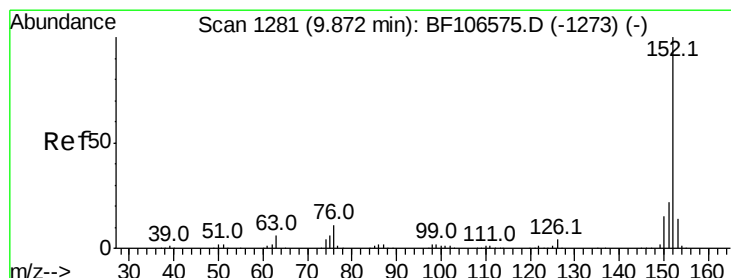
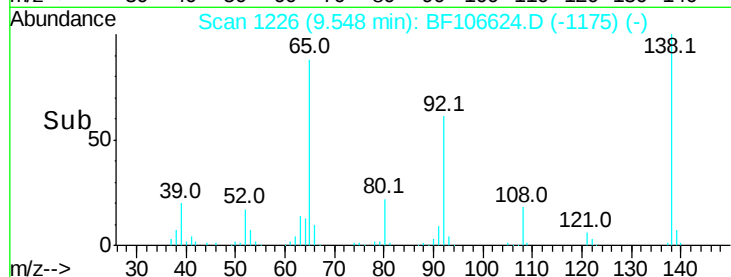
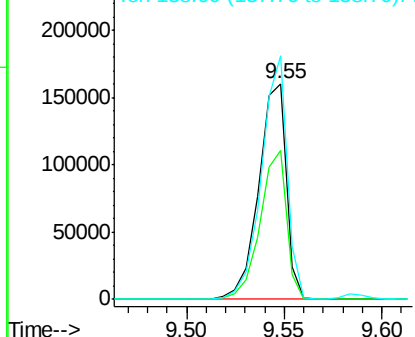


Abundance

Ion 65.00 (64.70 to 65.70): BF1

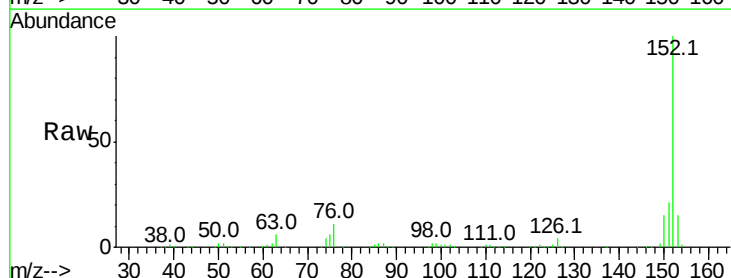
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 37.930 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	14.7	10.7	16.1

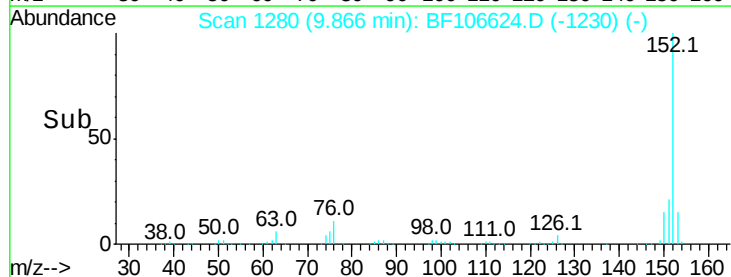
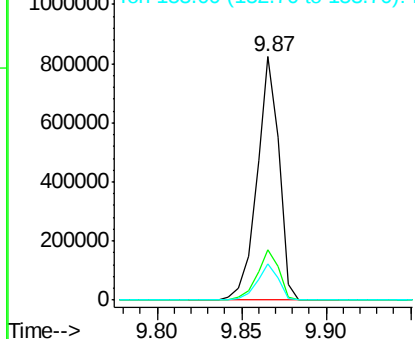


Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





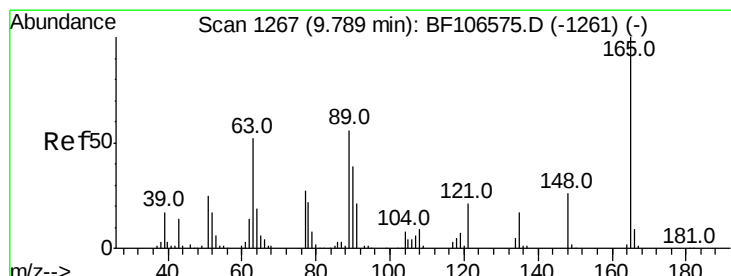
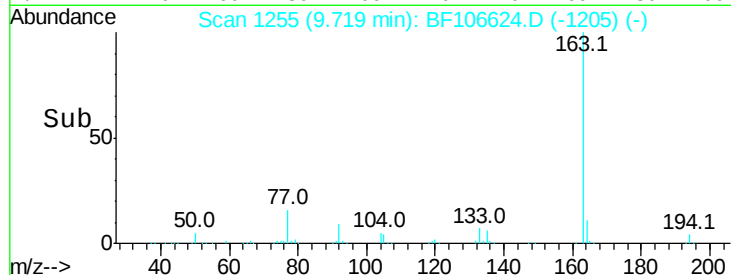
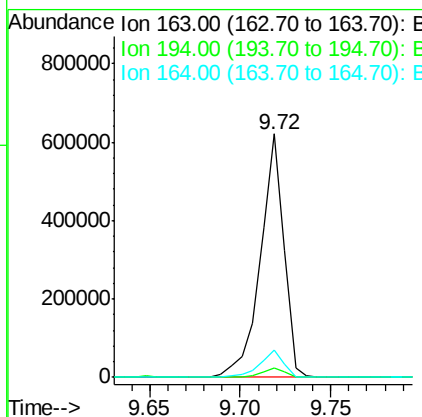
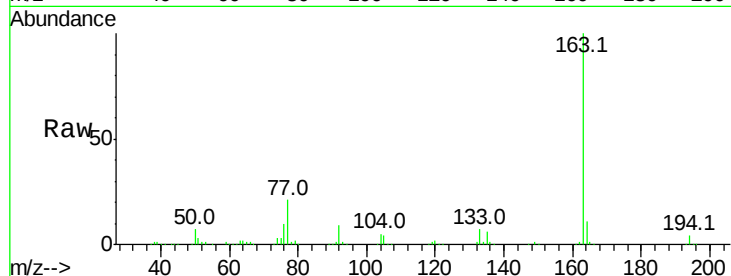
#49
 Dimethylphthalate
 Concen: 37.734 ng
 RT: 9.72 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	11.0	8.2	12.2	

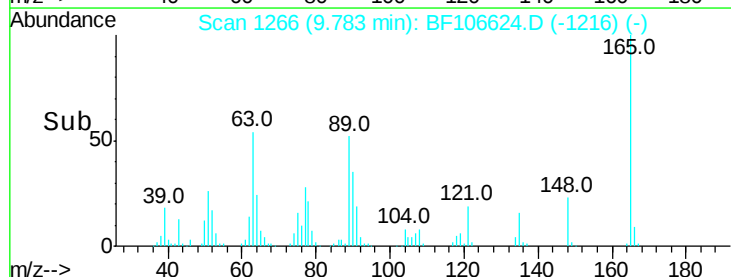
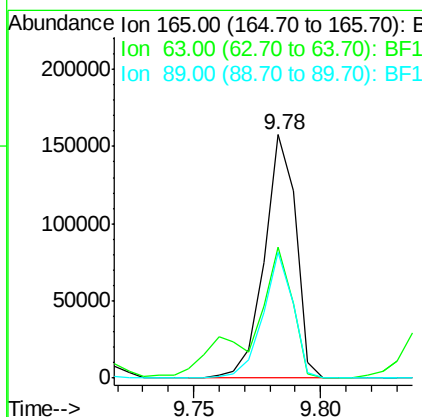
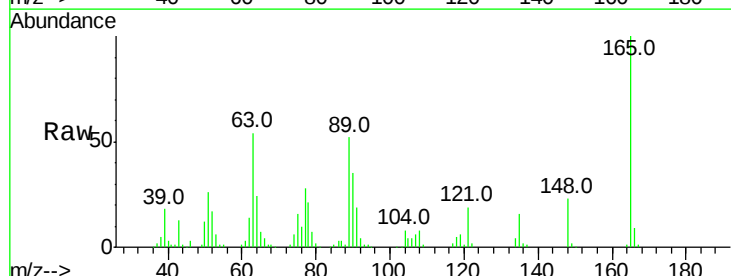
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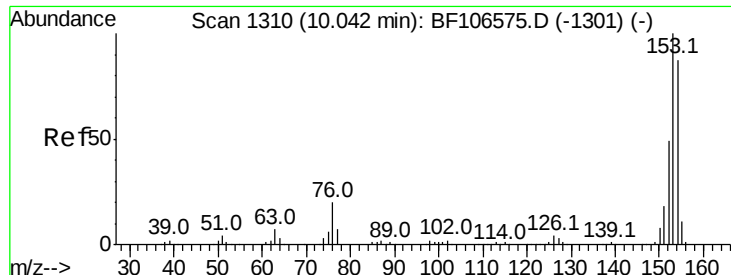
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#50
 2,6-Dinitrotoluene
 Concen: 43.683 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.5	44.7	67.1	
89	51.5	44.0	66.0	





#51

Acenaphthene

Concen: 36.674 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

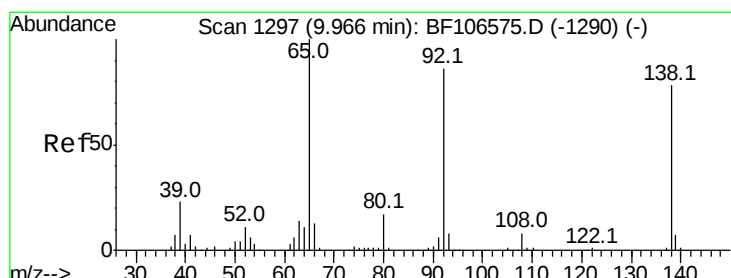
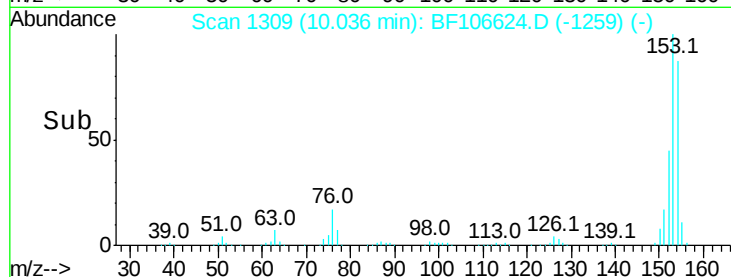
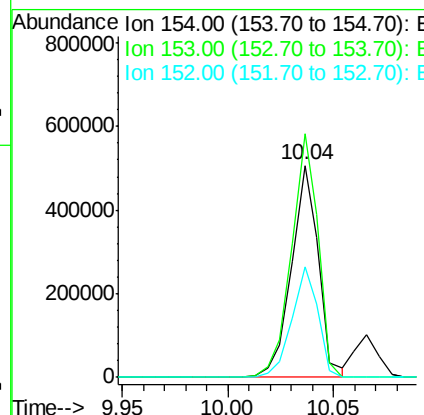
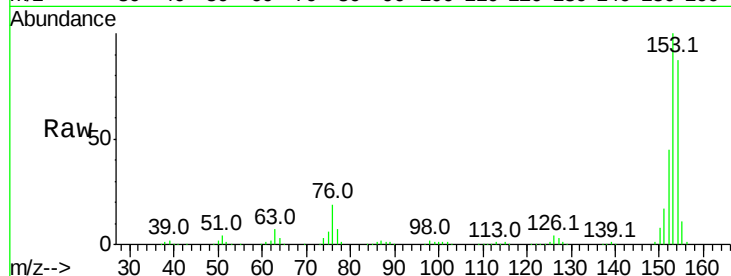
ClientSampleId :

PB110384BSD

Tot Ion:	154	Resp:	453025
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.2	136.8
152	52.2	43.8	65.8

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#52

3-Nitroaniline

Concen: 14.993 ng

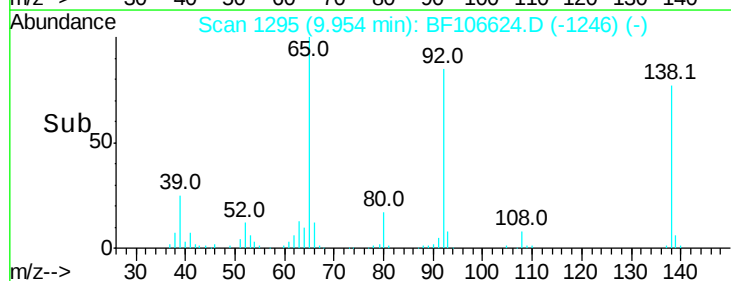
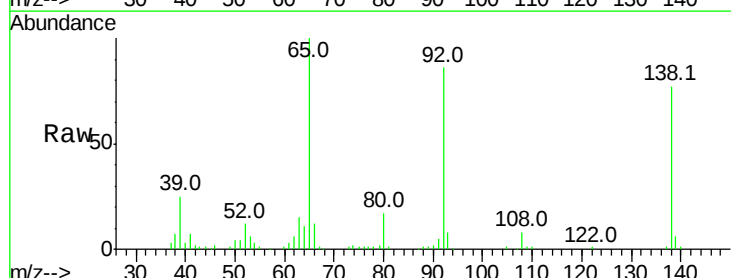
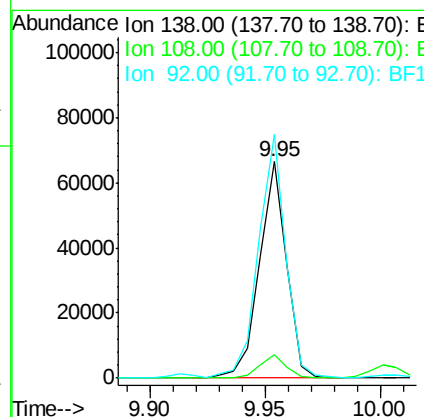
RT: 9.95 min Scan# 1295

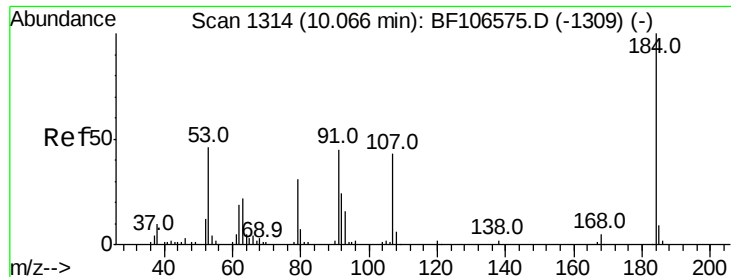
Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion:	138	Resp:	54270
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	112.5	89.4	134.2





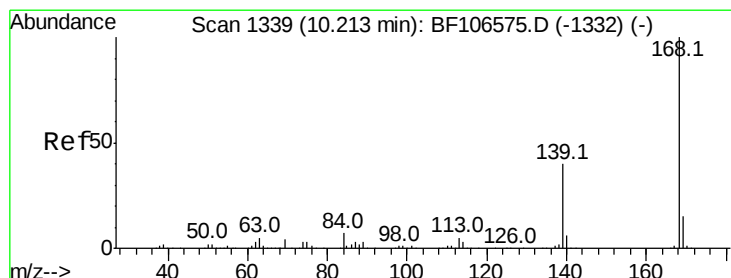
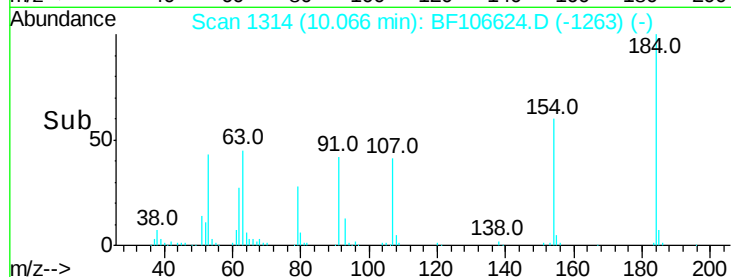
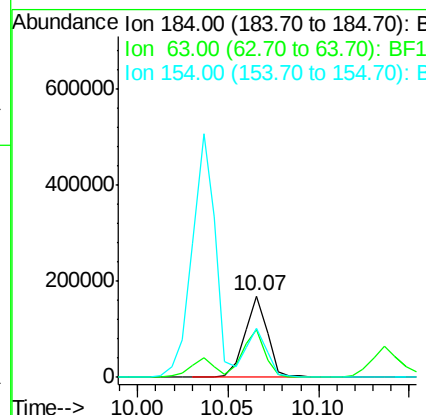
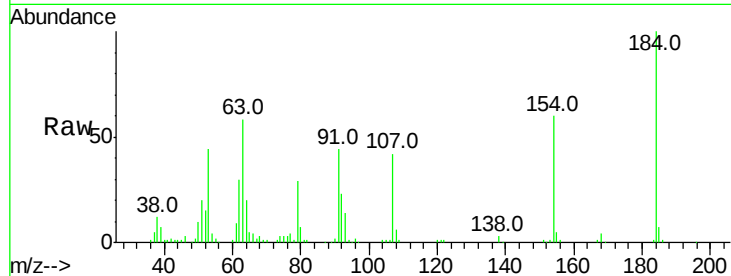
#53
2,4-Dinitrophenol
Concen: 89.721 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	147879		
63	58.4	54.2	81.2	
154	60.4	184.0	276.0	

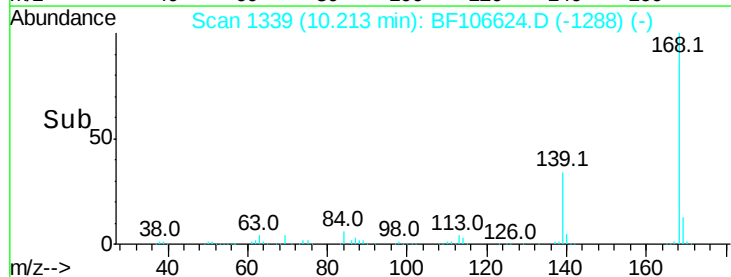
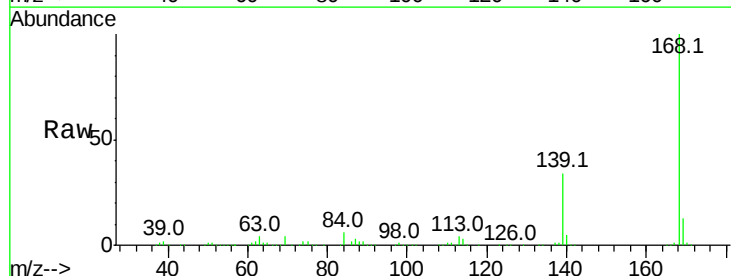
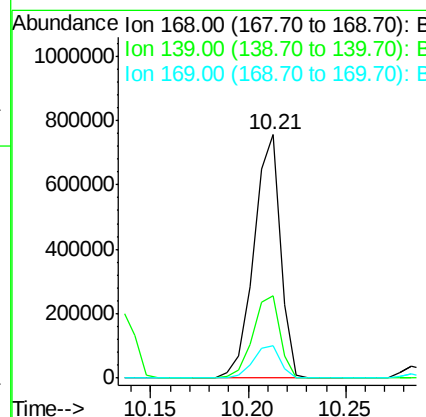
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#54
Dibenzofuran
Concen: 41.943 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	709459		
139	34.1	30.1	45.1	
169	13.5	10.9	16.3	





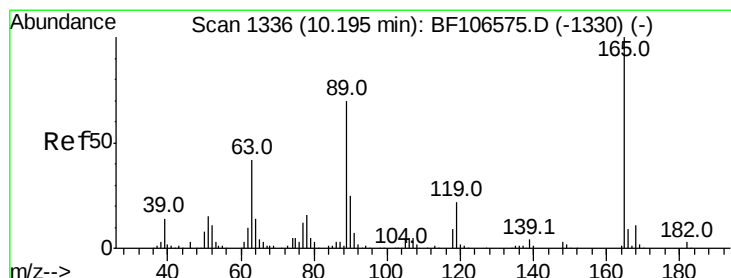
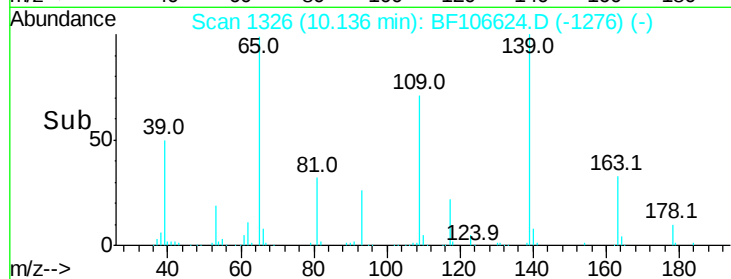
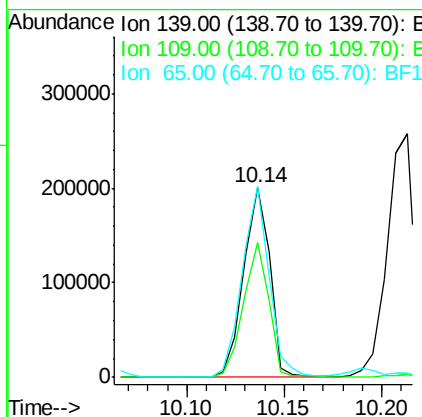
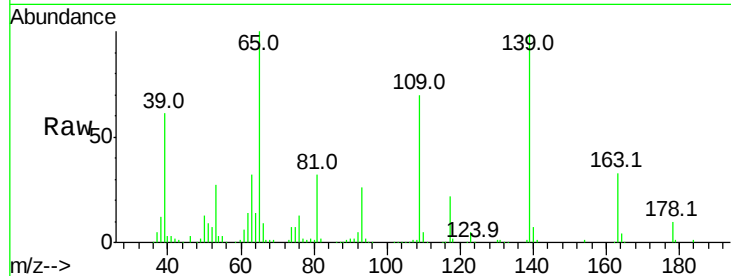
#55
4-Nitrophenol
Concen: 74.559 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.9	48.4	88.4	
65	100.7	72.6	112.6	

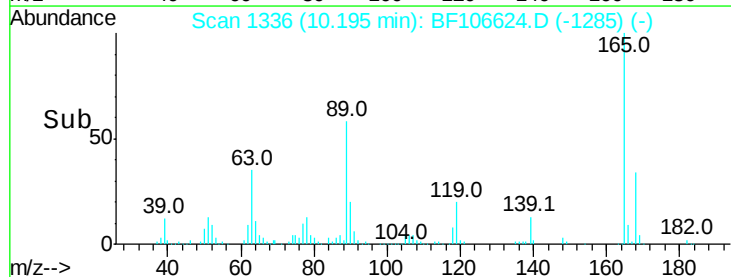
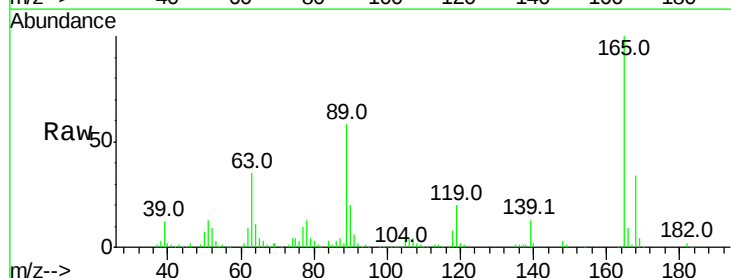
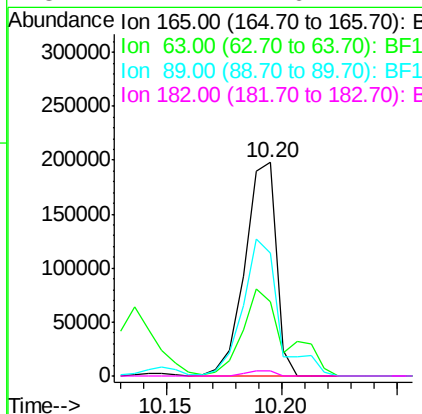
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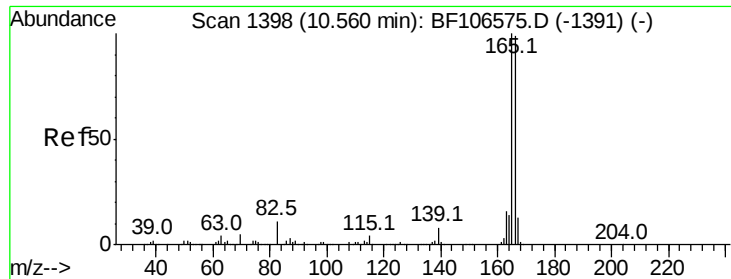
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#56
2,4-Dinitrotoluene
Concen: 45.964 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	34.6	36.4	54.6#	
89	57.7	57.8	86.6#	
182	2.4	1.6	2.4	





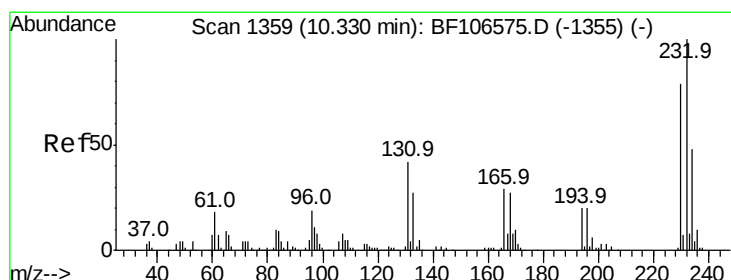
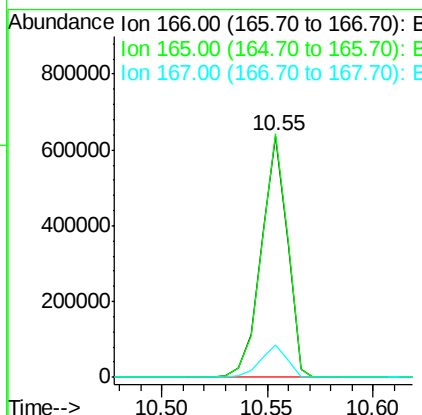
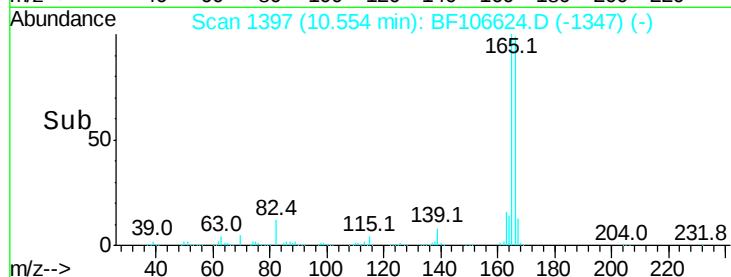
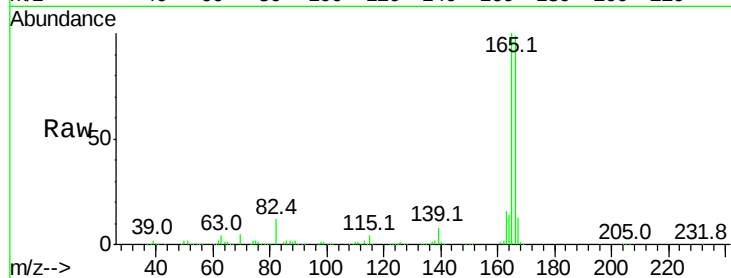
#57
 Fluorene
 Concen: 40.849 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.8	119.8
167	13.6	10.6	16.0

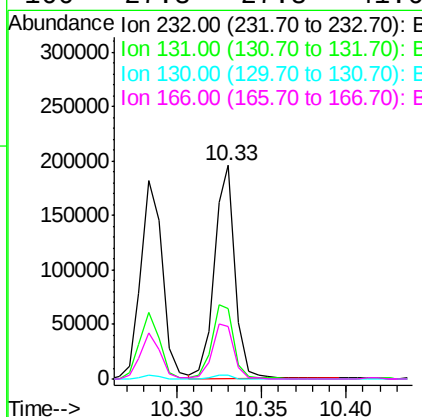
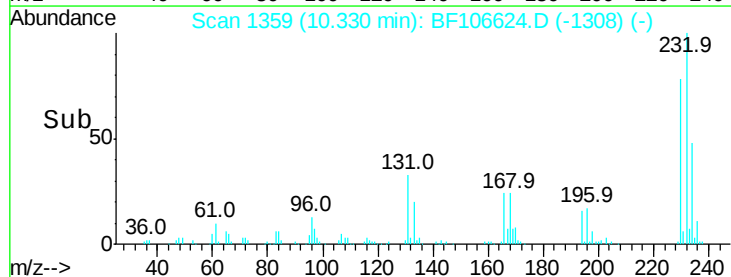
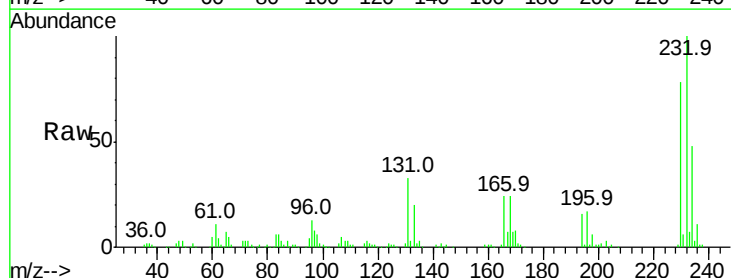
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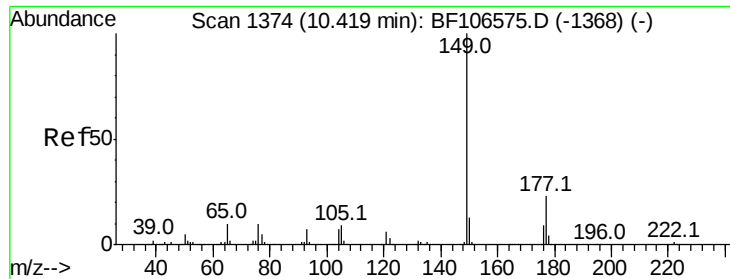
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.505 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.0	43.8	65.8#
130	1.7	2.1	3.1#
166	27.3	27.8	41.6#





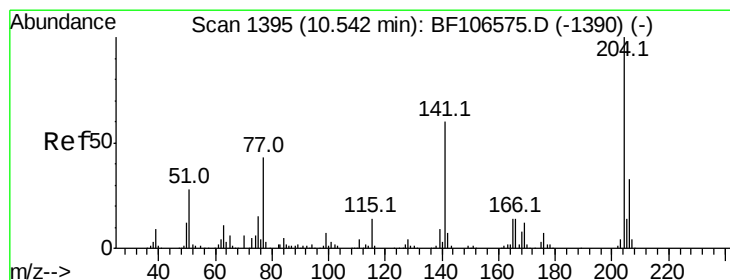
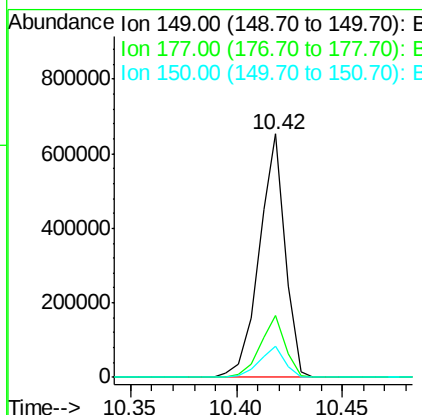
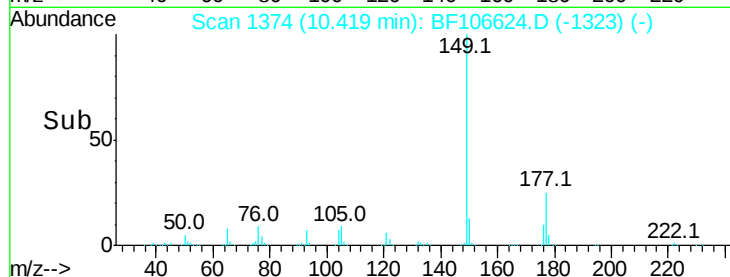
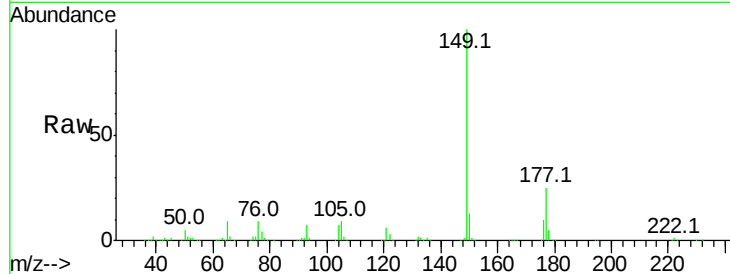
#59
Diethylphthalate
Concen: 38.692 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.2	16.1	24.1#	
150	12.8	10.1	15.1	

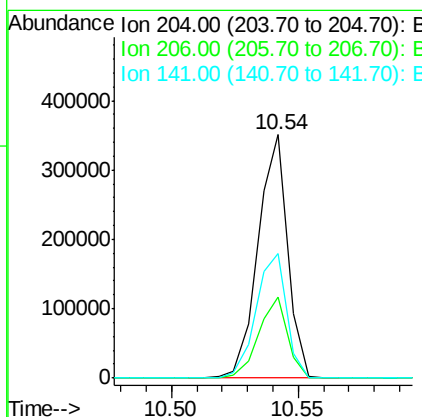
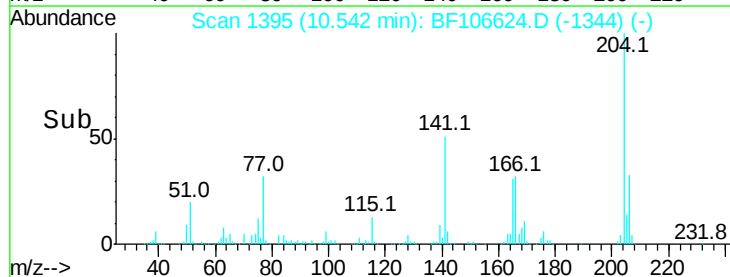
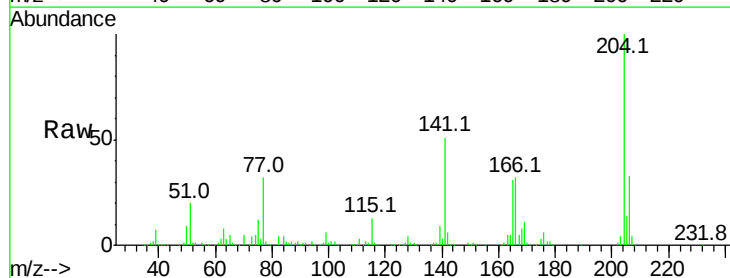
Manual Integrations
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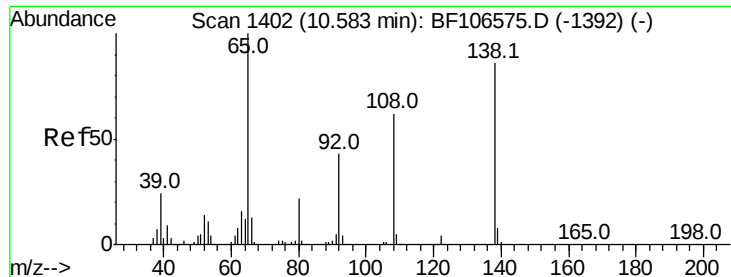
Sohil
6/21/2018 11:27:57 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.453 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.2	26.5	39.7	
141	50.9	54.6	81.8#	





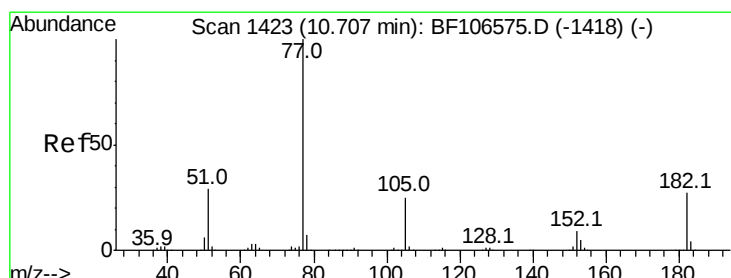
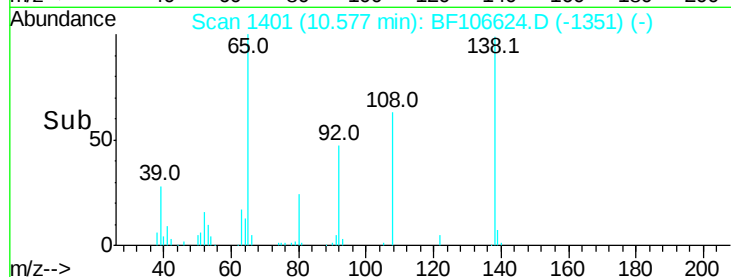
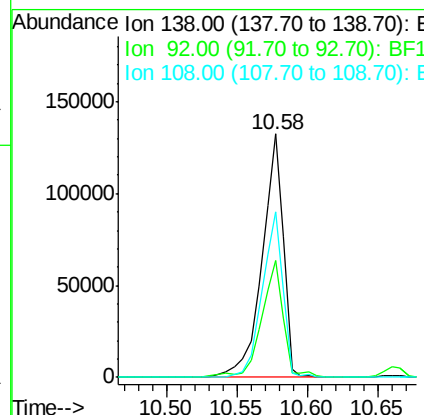
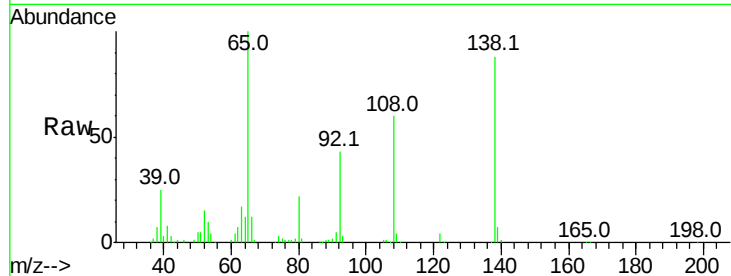
#61
4-Nitroaniline
Concen: 39.133 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	140582		
92	48.2	30.2	70.2	
108	67.8	52.5	92.5	

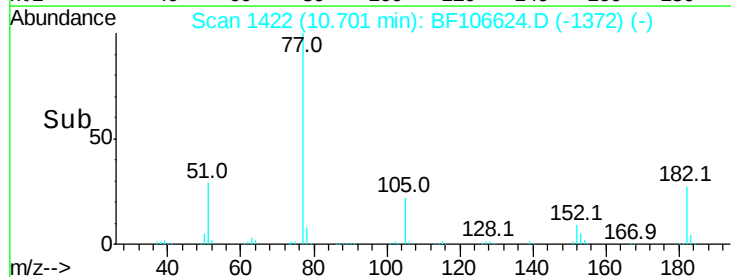
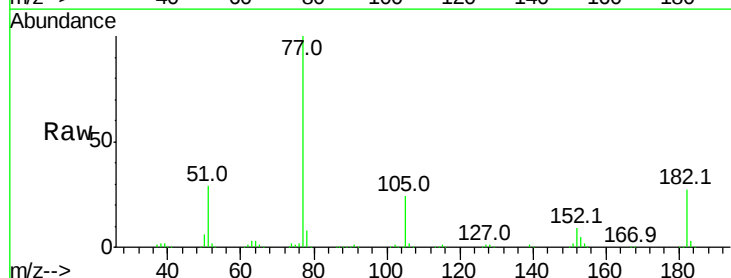
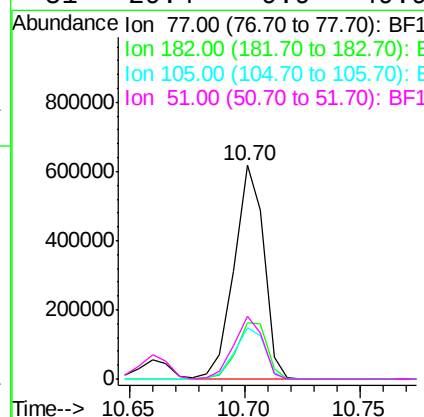
Manual Integrations
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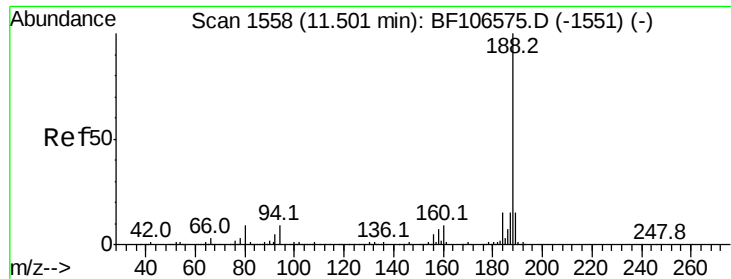
Sohil
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#62
Azobenzene
Concen: 39.238 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	554002		
182	26.6	1.7	41.7	
105	24.2	3.0	43.0	
51	29.4	9.9	49.9	





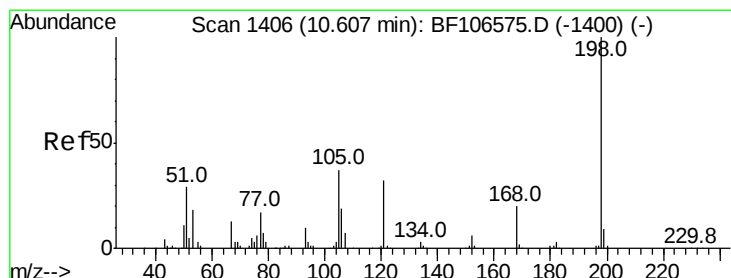
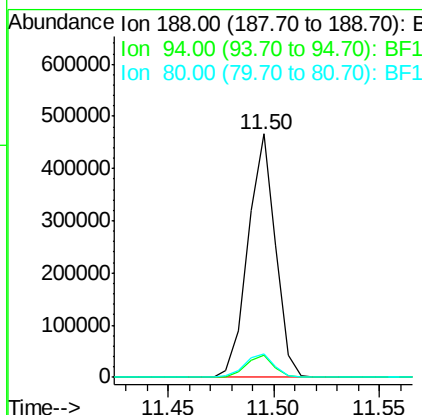
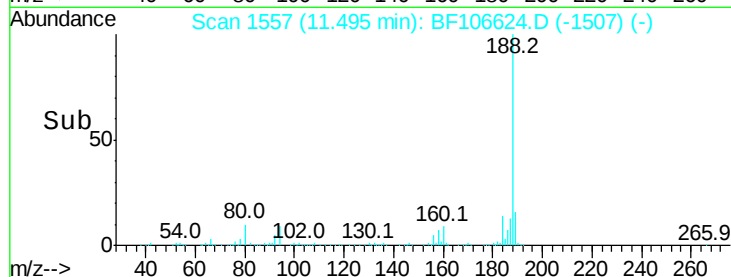
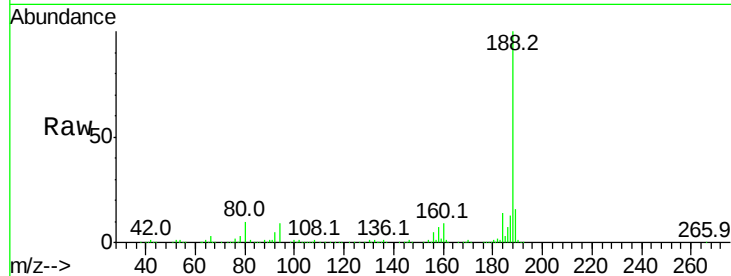
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	419440		
94	8.9		8.5	12.7
80	9.8		9.2	13.8

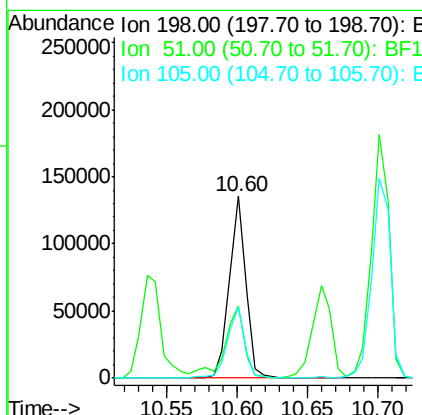
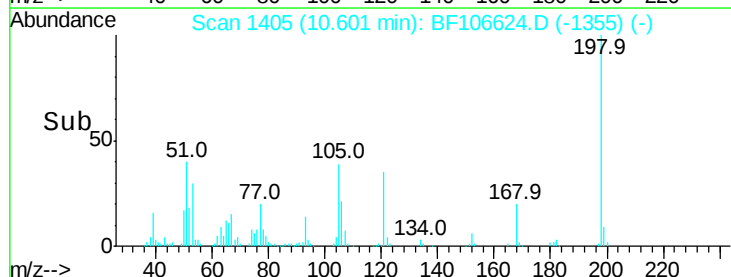
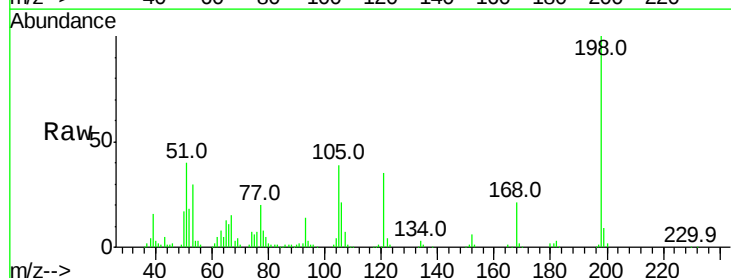
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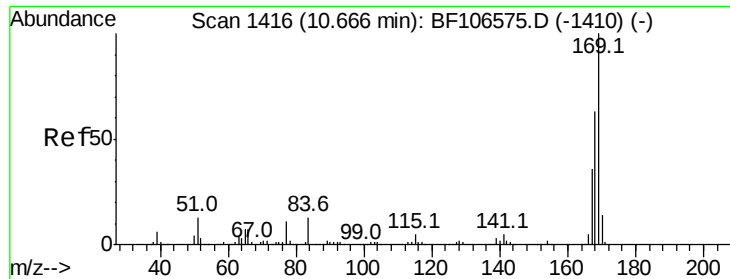
Sohil
6/21/2018 11:27:57 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 42.868 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	111147		
51	39.9		37.7	77.7
105	39.1		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 35.220 ng

RT: 10.67 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

Tot Ion:169 Resp: 496885

Ion Ratio Lower Upper

169 100

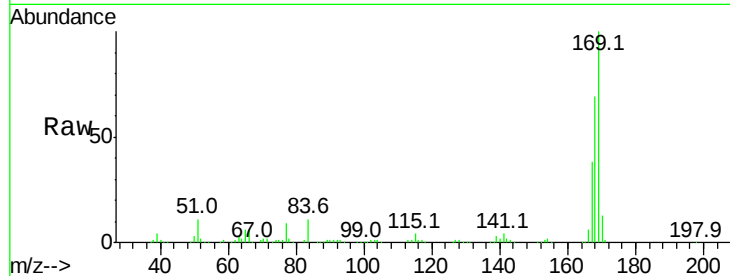
168 68.7 54.4 81.6

167 37.8 29.8 44.6

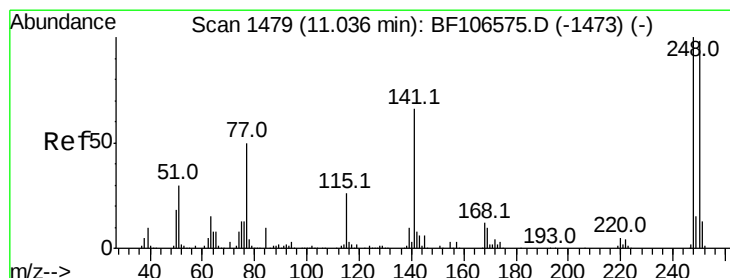
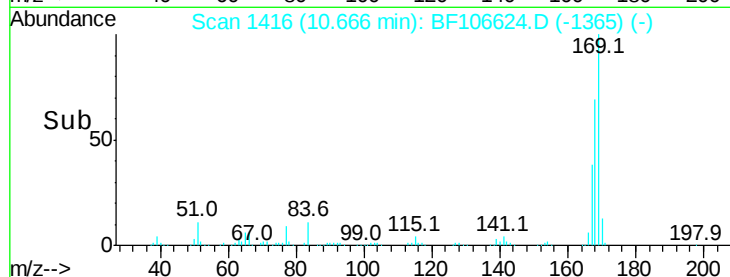
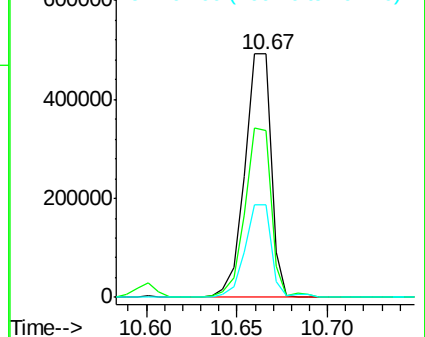
Manual Integrations
APPROVED

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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: 40.673 ng

RT: 11.03 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

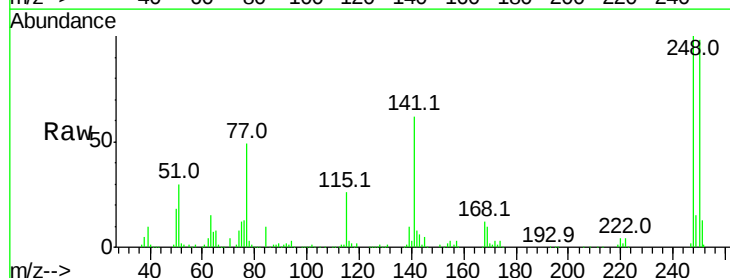
Tgt Ion:248 Resp: 203602

Ion Ratio Lower Upper

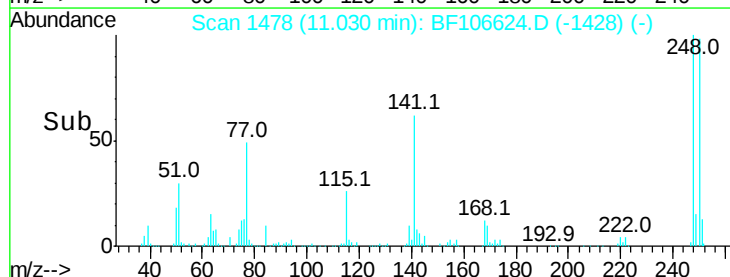
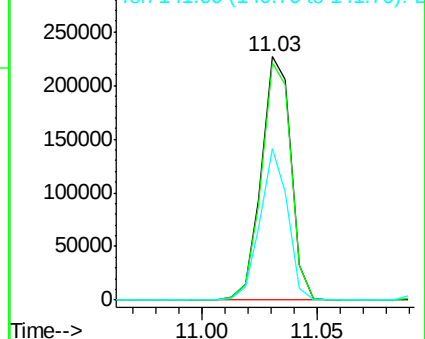
248 100

250 97.5 76.9 115.3

141 62.2 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





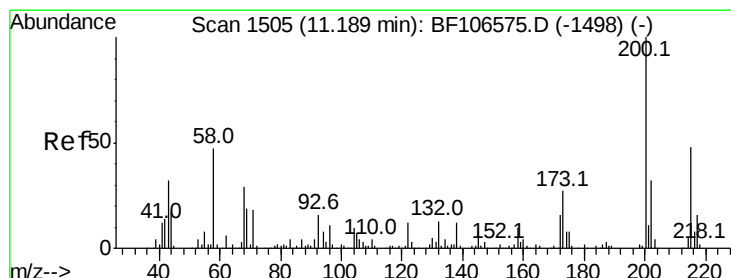
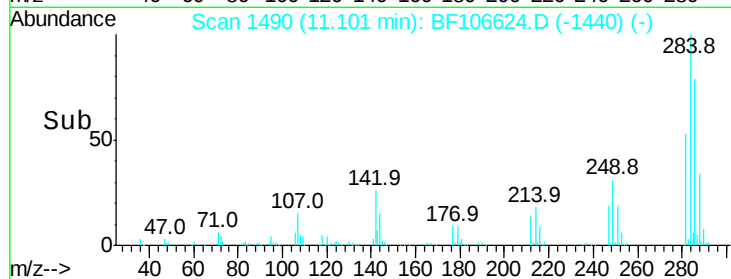
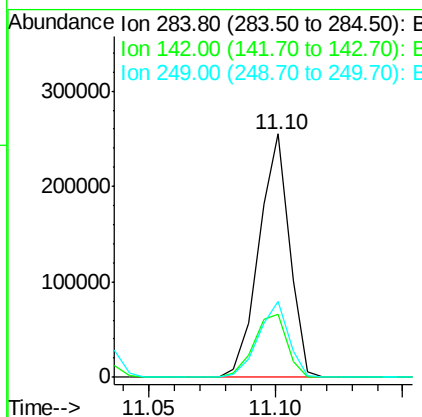
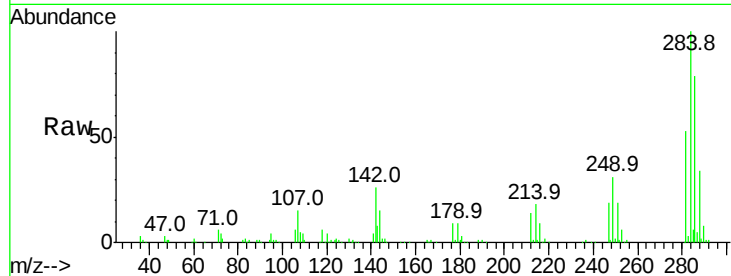
#67
Hexachlorobenzene
Concen: 41.104 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	215354		
142	26.0	34.6	52.0	
249	31.2	24.8	37.2	

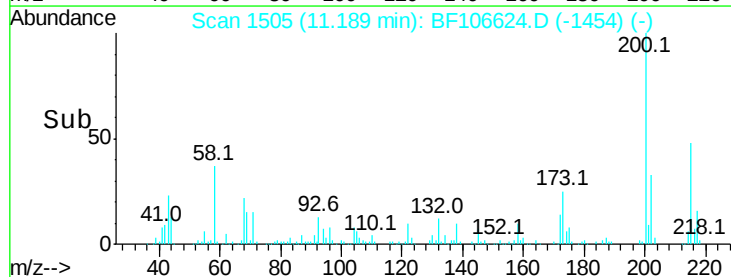
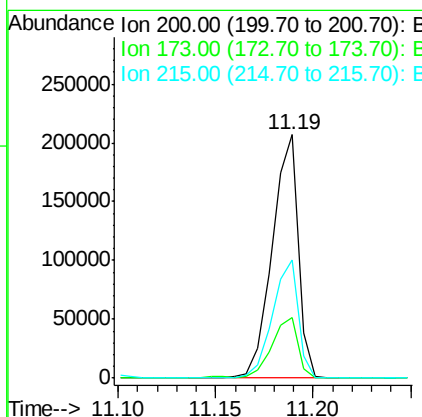
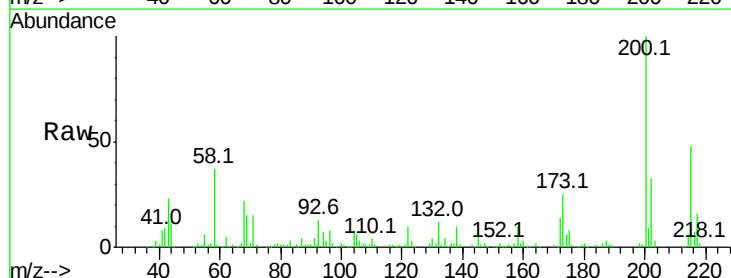
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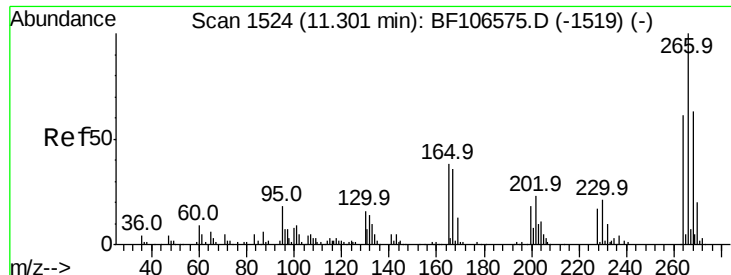
Sohil
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#68
Atrazine
Concen: 42.538 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	190781		
173	24.9	8.6	48.6	
215	48.5	25.1	65.1	





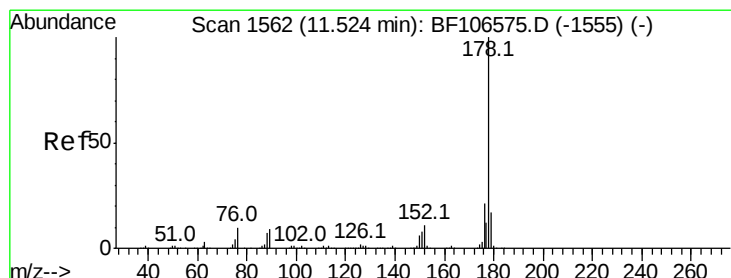
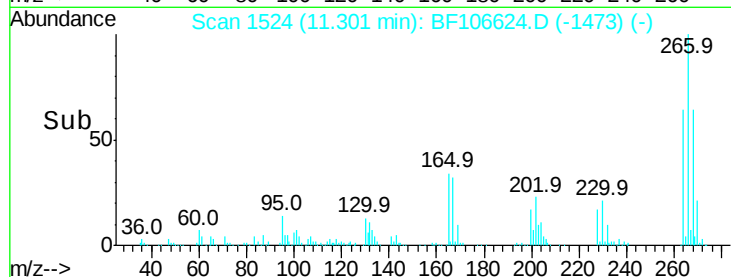
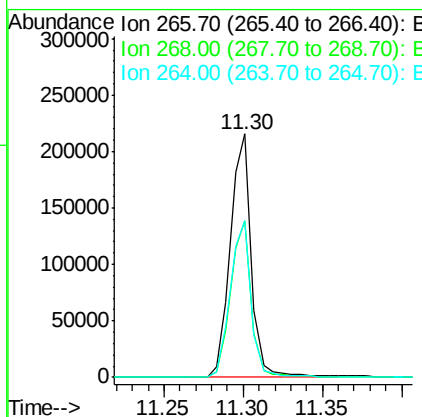
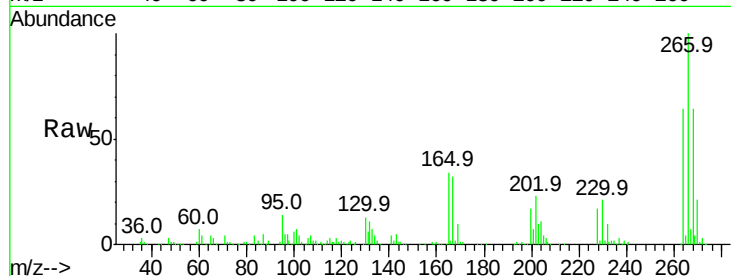
#69
 Pentachlorophenol
 Concen: 75.837 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	198253		
268	64.1		51.1	76.7
264	64.2		49.5	74.3

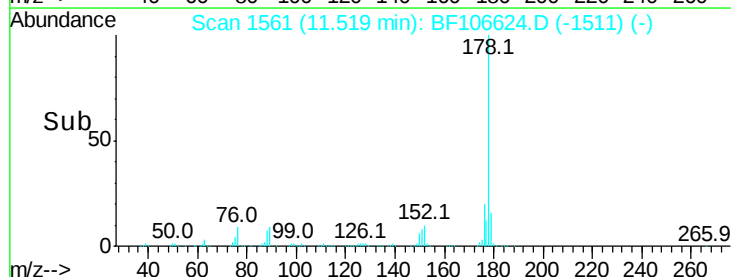
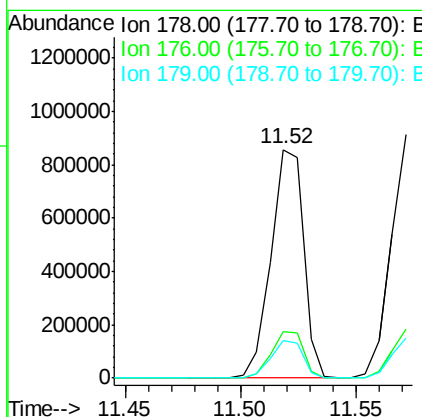
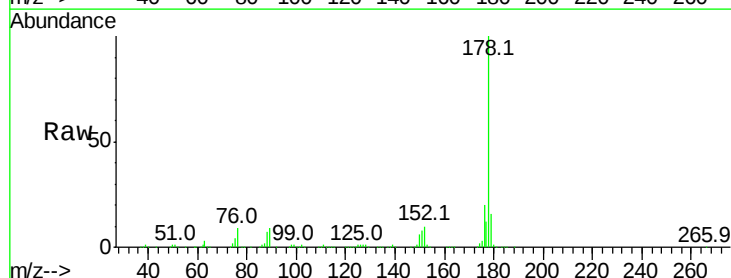
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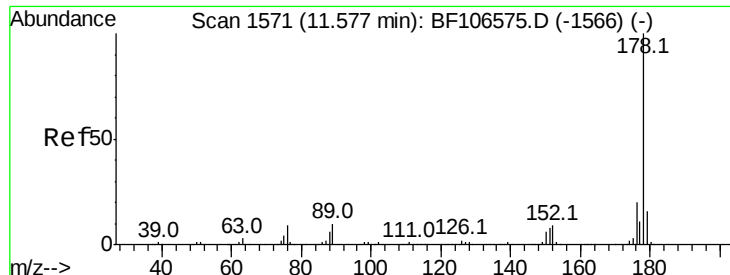
Sohil
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#70
 Phenanthrene
 Concen: 41.473 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	839020		
176	20.5		15.8	23.8
179	16.2		13.0	19.6





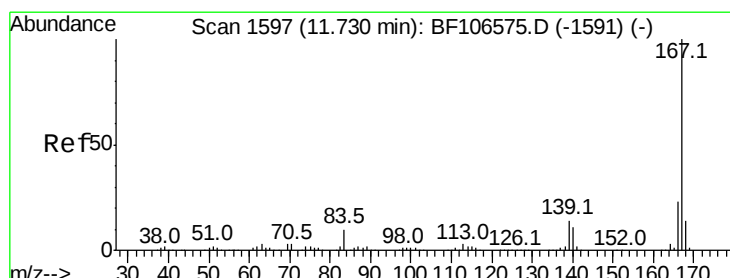
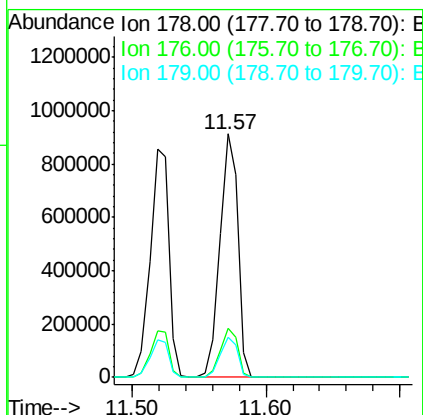
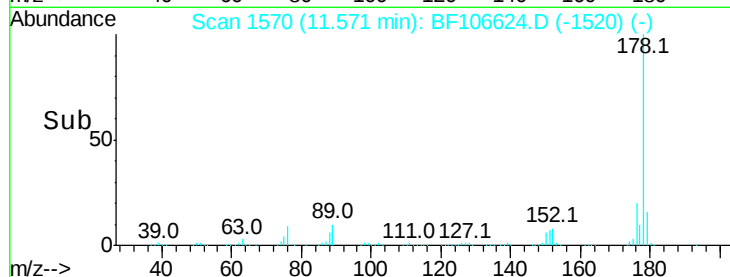
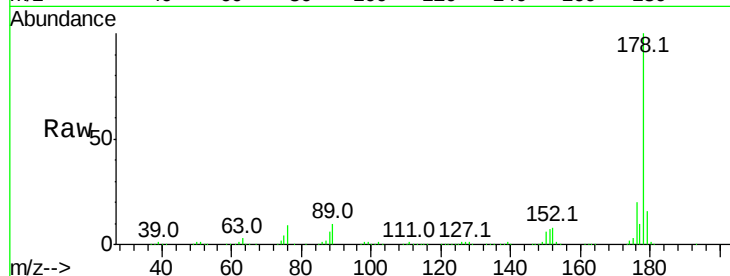
#71
 Anthracene
 Concen: 42.216 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.2
179	16.4	12.6	19.0

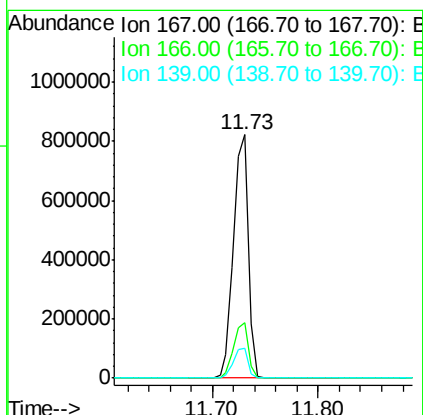
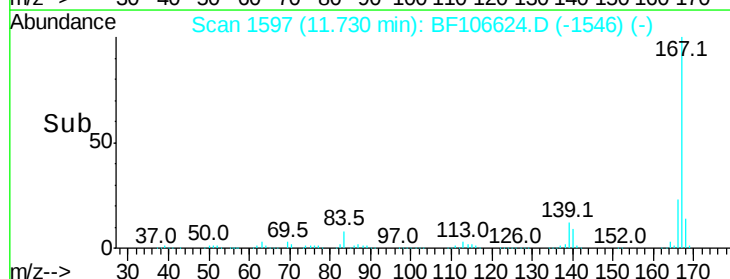
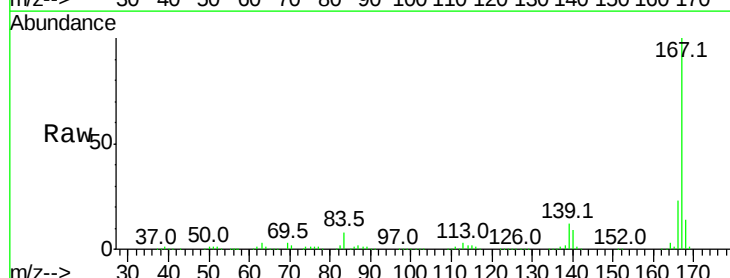
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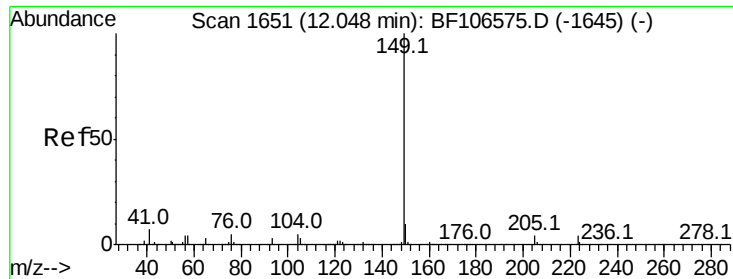
Sohil
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#72
 Carbazole
 Concen: 40.884 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.001 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

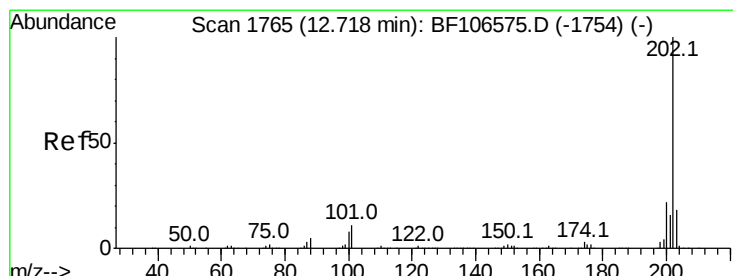
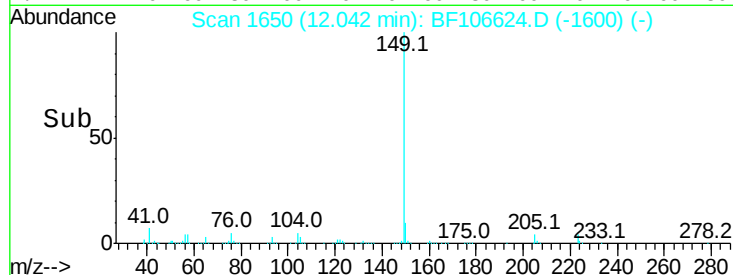
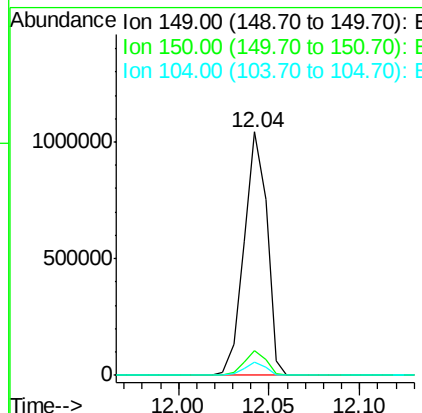
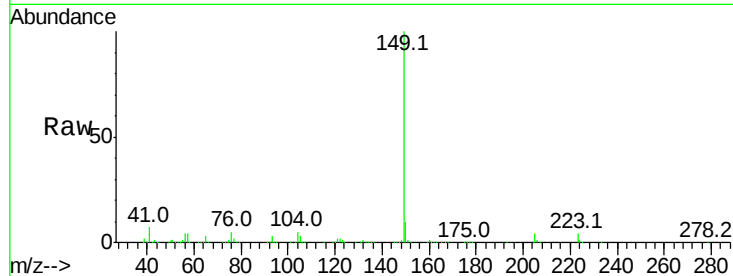
ClientSampleId :

PB110384BSD

Tot Ion:	149	Resp:	911048
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	5.2	3.8	5.8

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#74

Fluoranthene

Concen: 43.538 ng

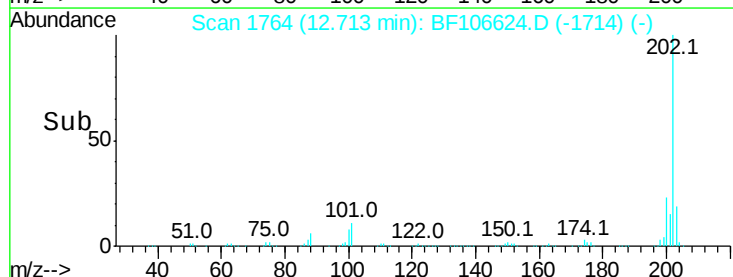
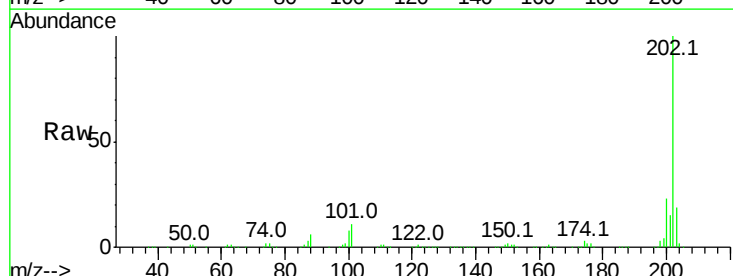
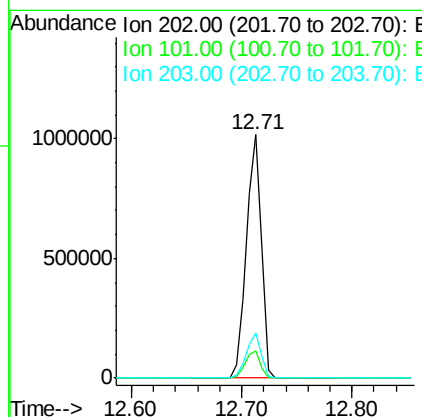
RT: 12.71 min Scan# 1764

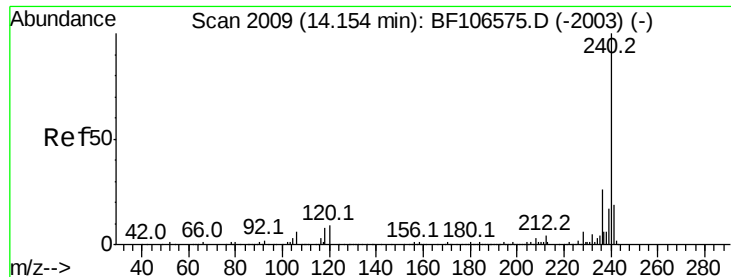
Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Tgt Ion:	202	Resp:	970812
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.1
203	18.8	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: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

Tot Ion:240 Resp: 375811

Ion Ratio Lower Upper

240 100

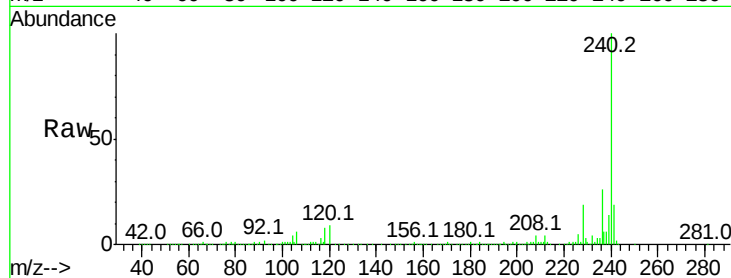
120 9.0 9.5 14.3#

236 26.0 20.7 31.1

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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

600000

500000

400000

300000

200000

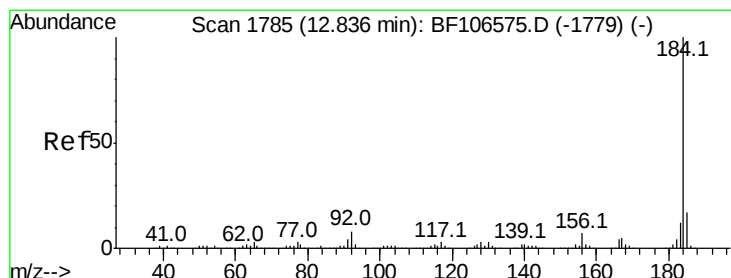
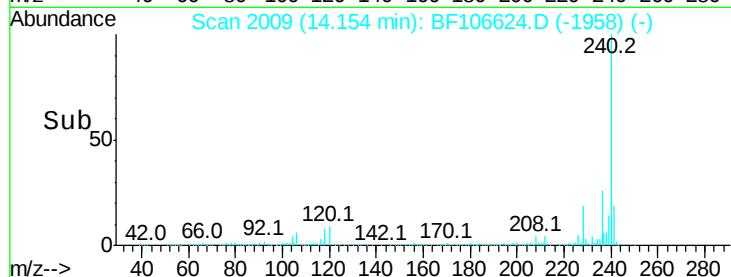
100000

0

14.10

14.20

Time-->



#76

Benzidine

Concen: 31.124 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

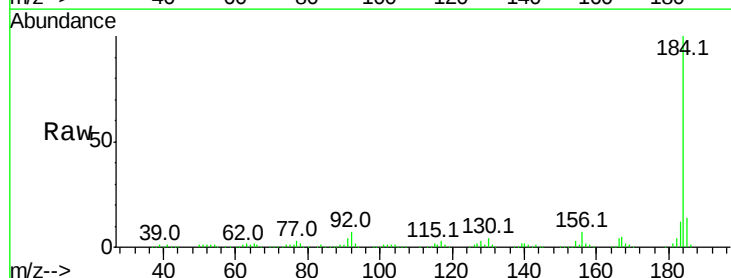
Tgt Ion:184 Resp: 333116

Ion Ratio Lower Upper

184 100

185 13.9 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

500000

400000

300000

200000

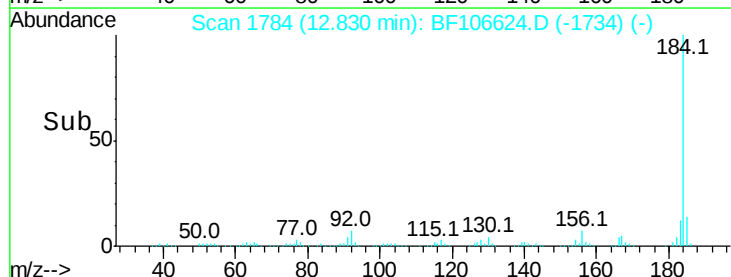
100000

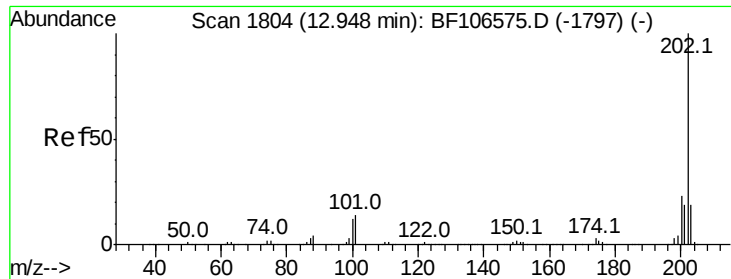
0

12.80

12.90

Time-->





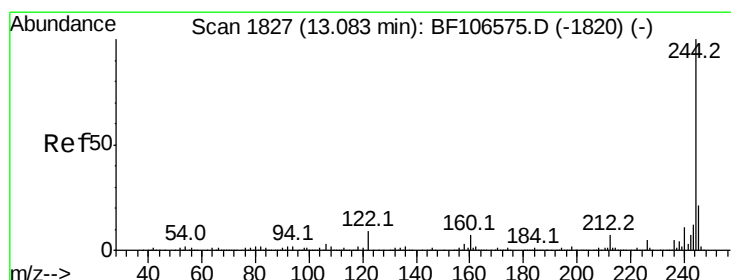
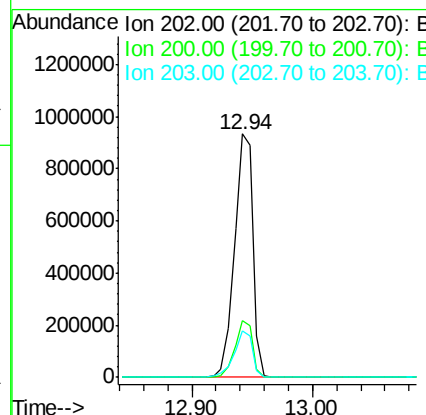
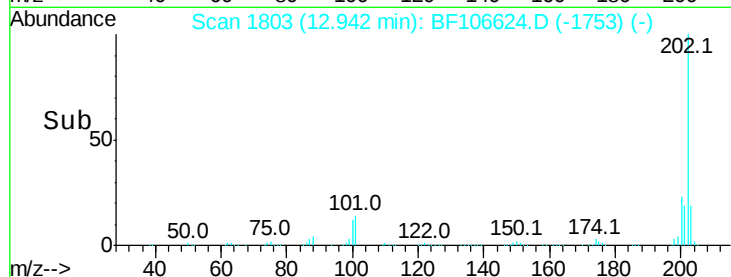
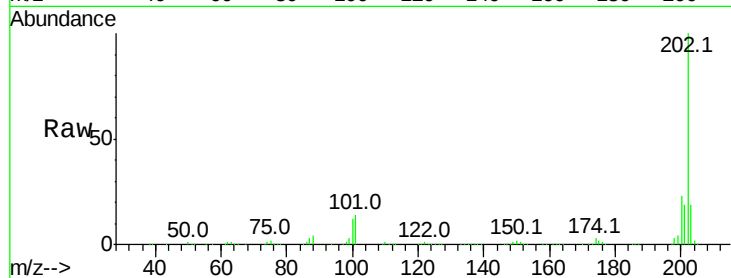
#77
Pvrene
Concen: 39.756 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.4	26.2
203	18.9	14.3	21.5

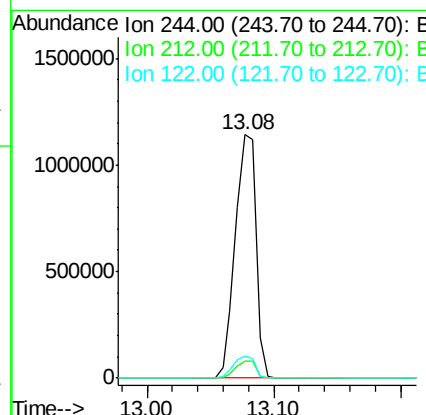
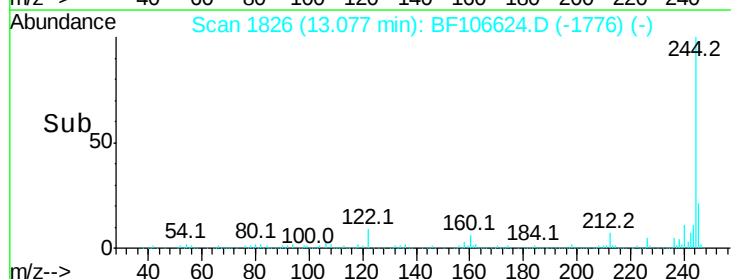
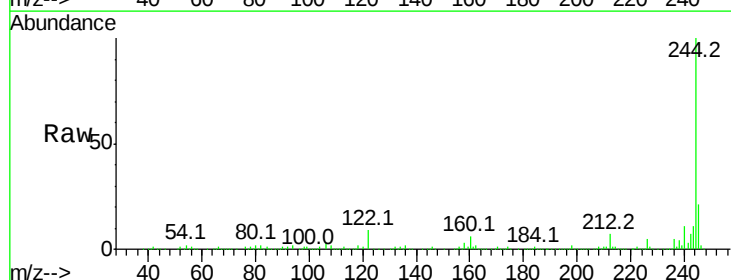
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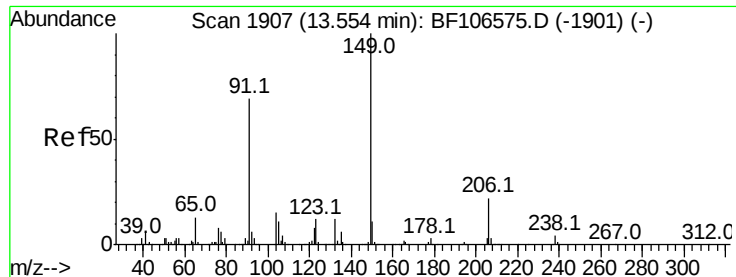
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#78
Terphenyl-d14
Concen: 82.727 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.3	11.0	16.4





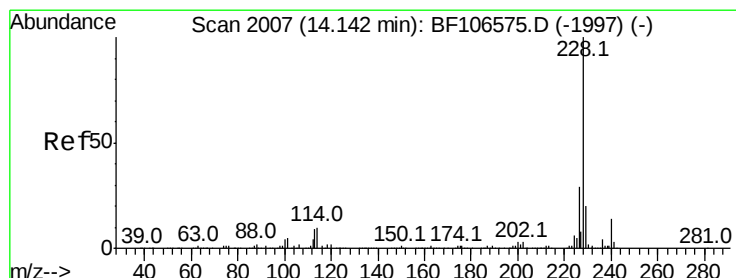
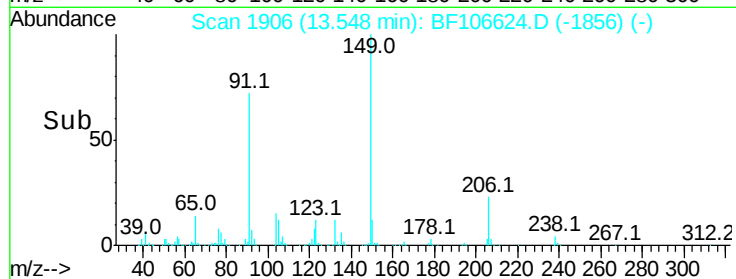
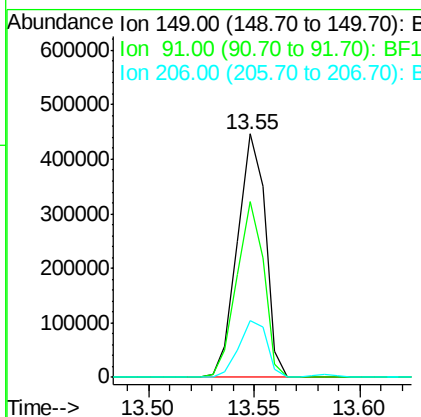
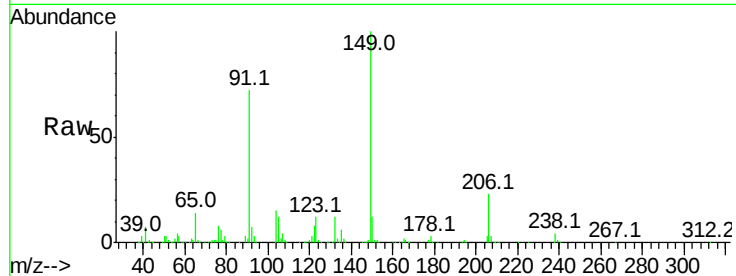
#79
Butylbenzylphthalate
Concen: 40.279 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.3	56.8	85.2	
206	23.2	14.1	21.1	

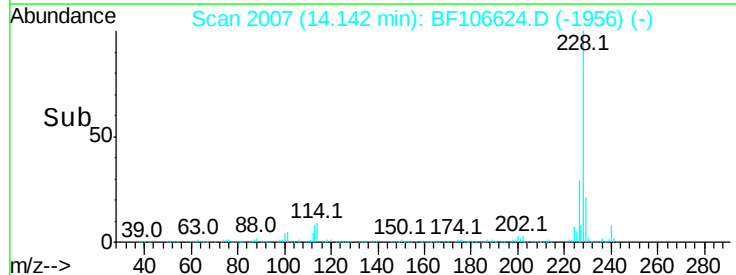
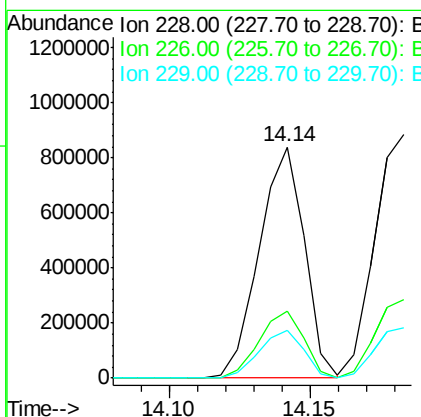
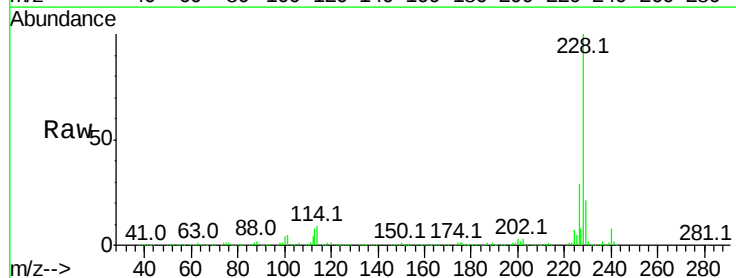
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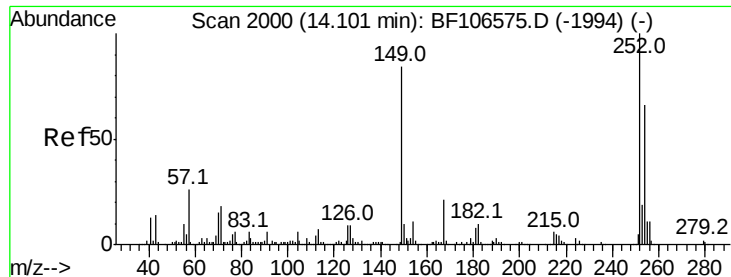
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#80
Benzo(a)anthracene
Concen: 40.599 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.1	22.6	33.8	
229	20.8	15.8	23.6	





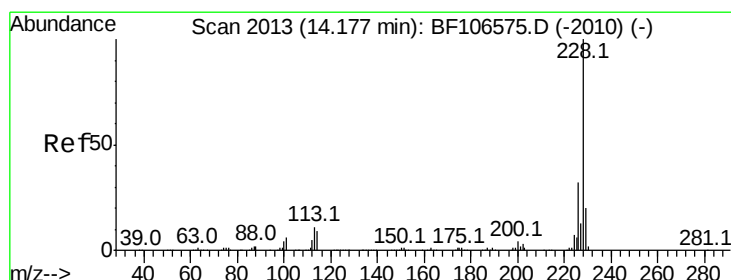
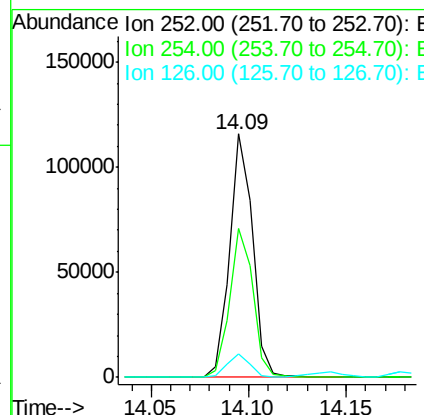
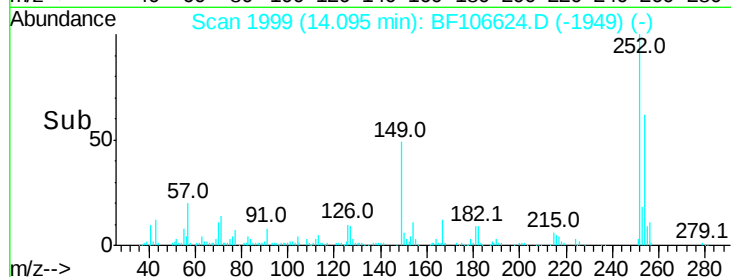
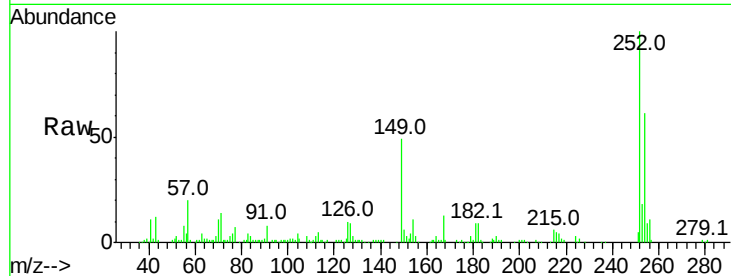
#81
 3,3'-Dichlorobenzidine
 Concen: 11.762 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	61.3	50.4	75.6	
126	9.6	11.3	16.9	

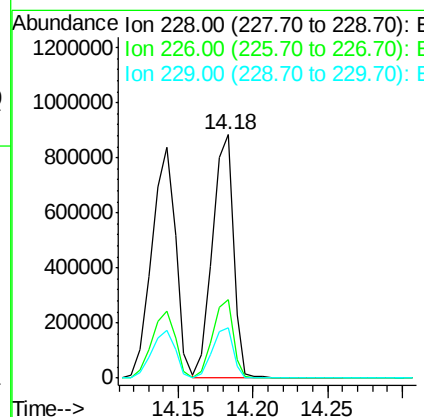
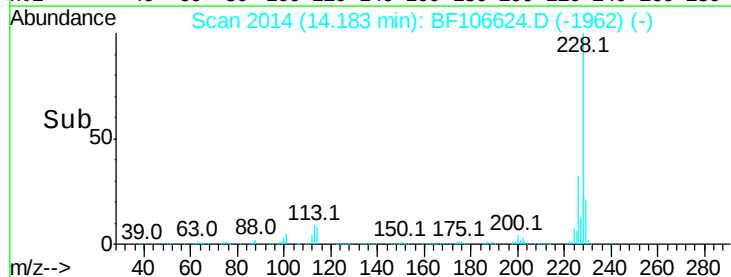
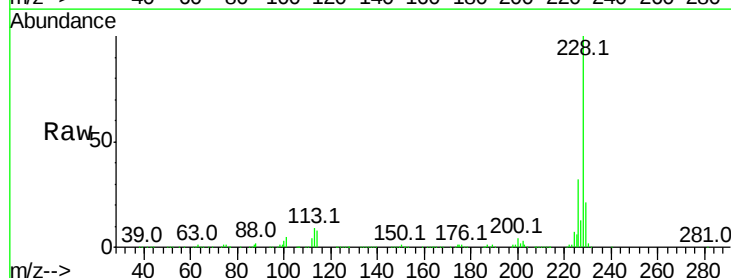
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#82
 Chrysene
 Concen: 40.763 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.2	25.0	37.6	
229	20.5	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.034 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

Instrument :

BNA_F

ClientSampleId :

PB110384BSD

Tot Ion:149 Resp: 573616

Ion Ratio Lower Upper

149 100

167 28.3 21.3 31.9

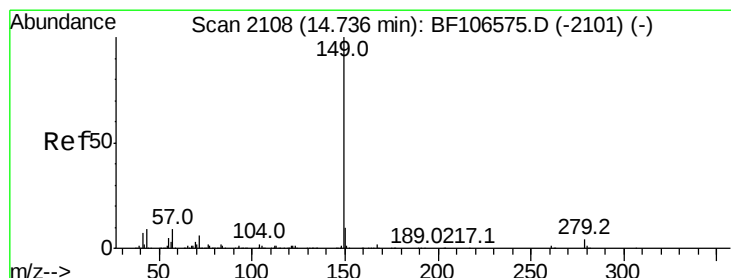
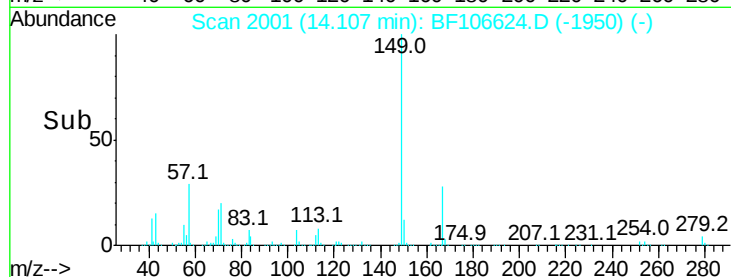
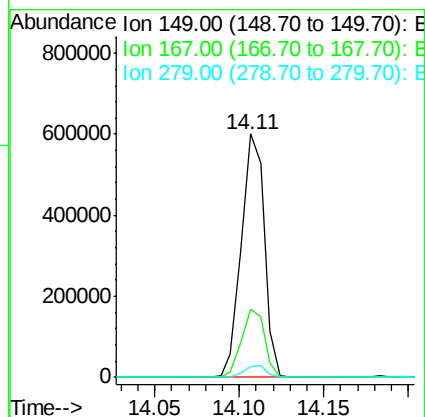
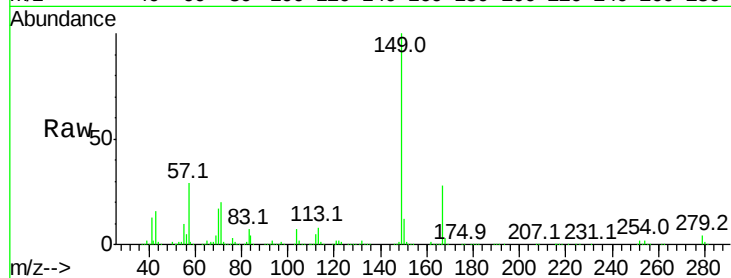
279 4.2 3.0 4.4

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#84

Di-n-octyl phthalate

Concen: 40.930 ng

RT: 14.75 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF106624.D

Acq: 20 Jun 2018 17:23

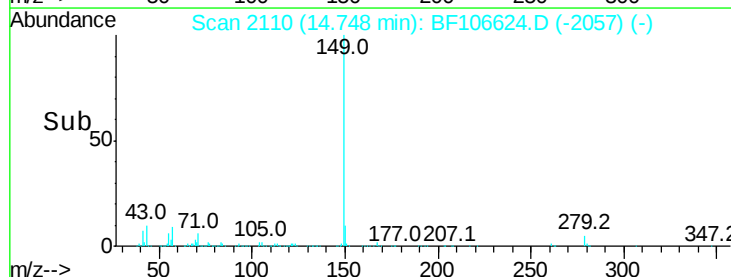
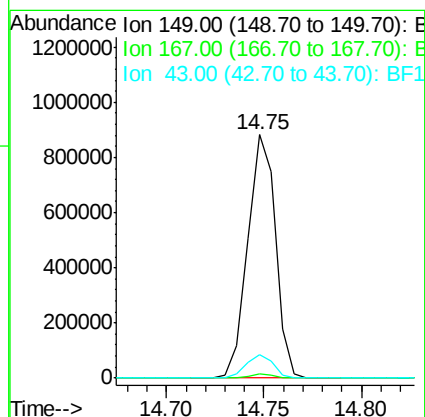
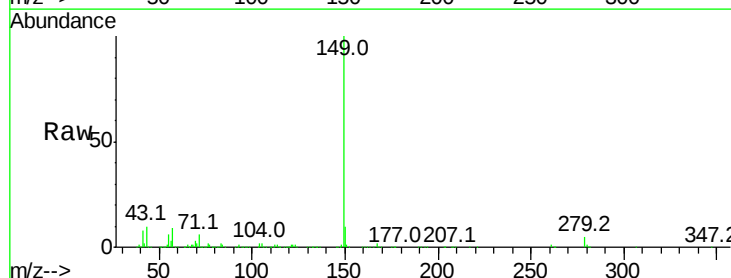
Tgt Ion:149 Resp: 869103

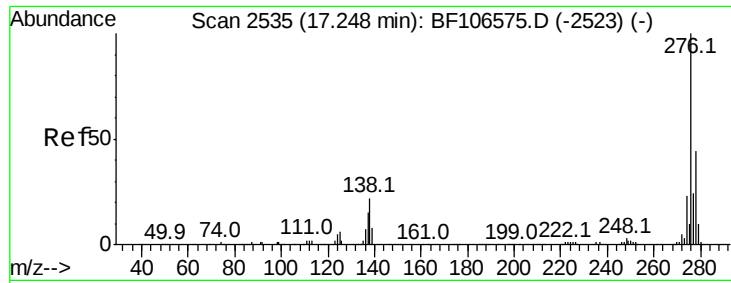
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.2 8.4 12.6





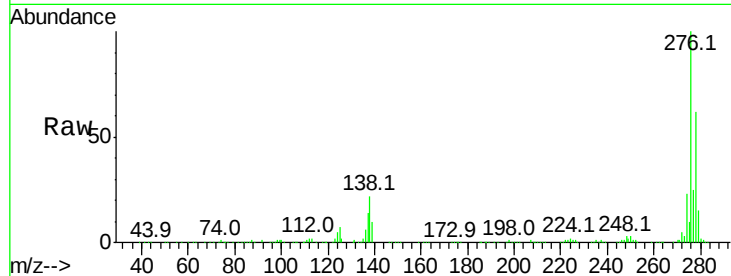
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.831 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.02 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

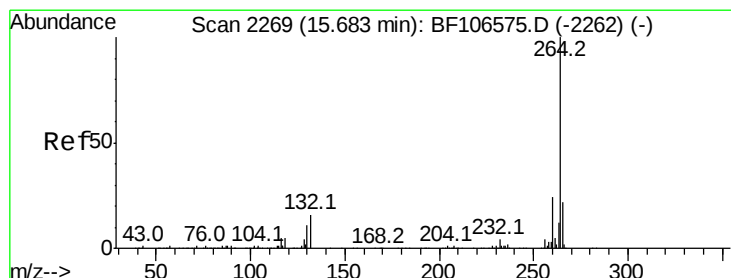
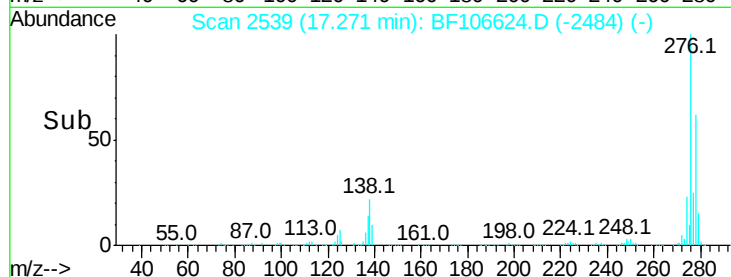
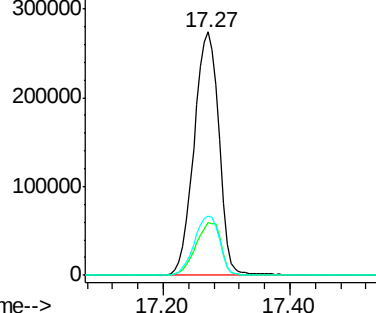
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	25.0	37.6
277	24.9	20.1	30.1

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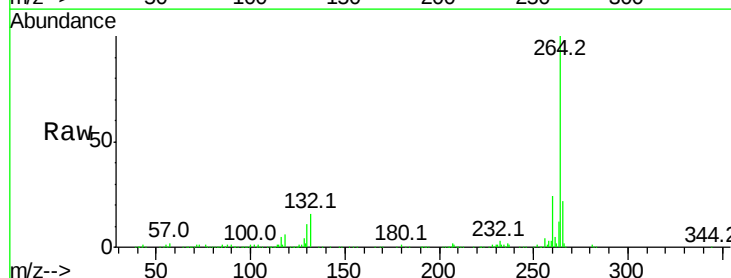


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

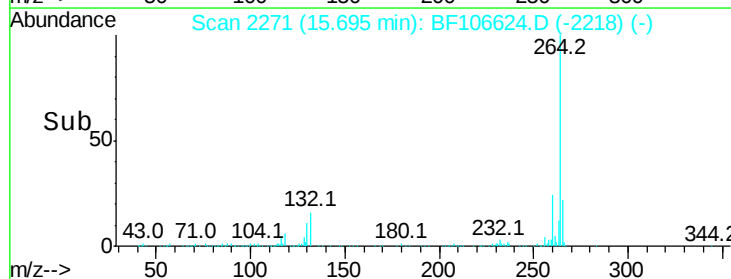
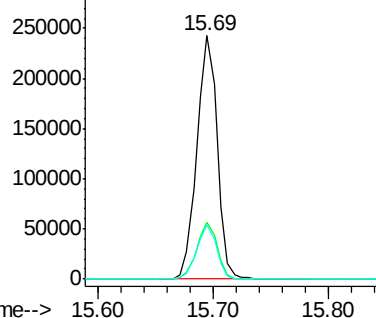


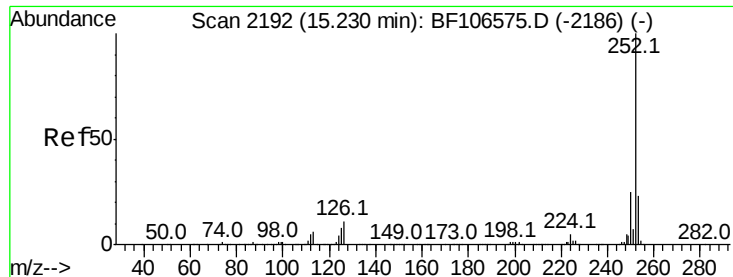
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.5	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





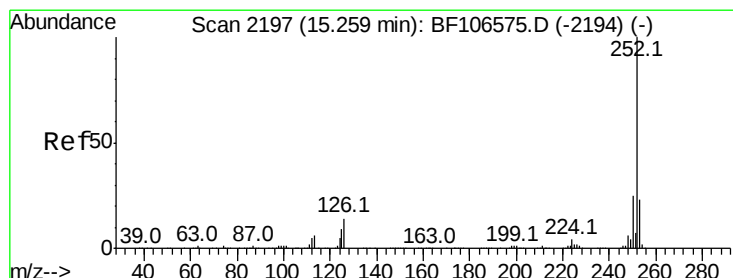
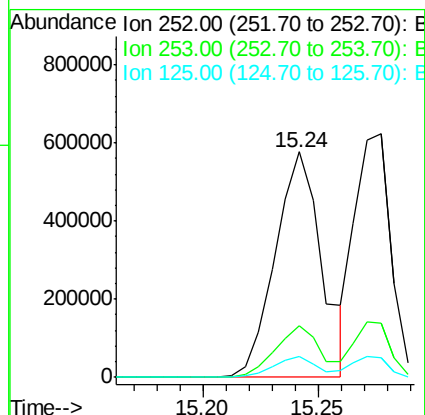
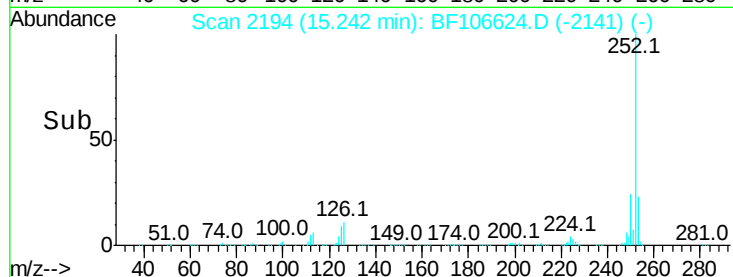
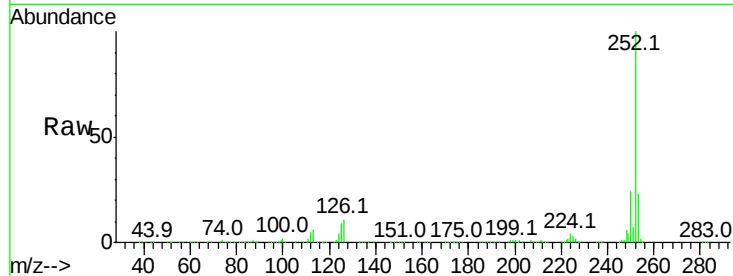
#87
Benzo(b)fluoranthene
Concen: 43.748 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	9.0	9.0	13.6

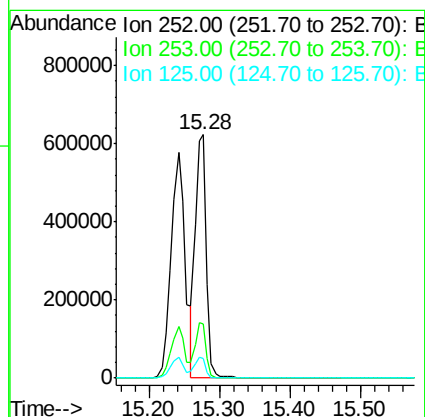
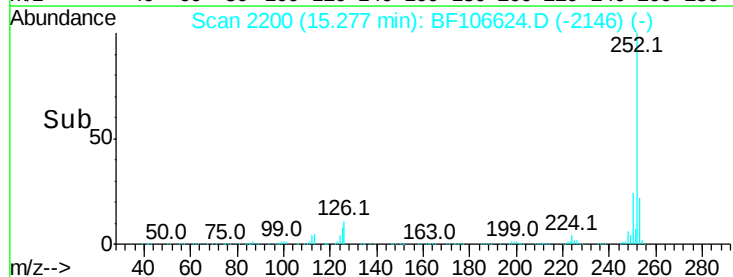
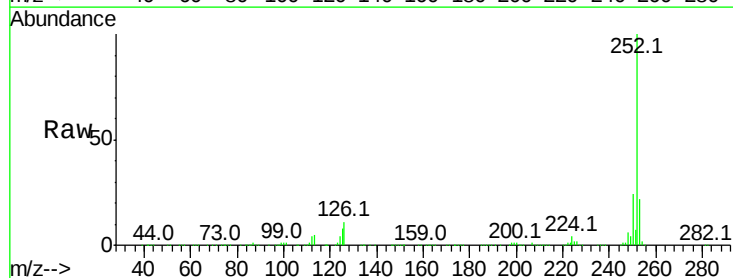
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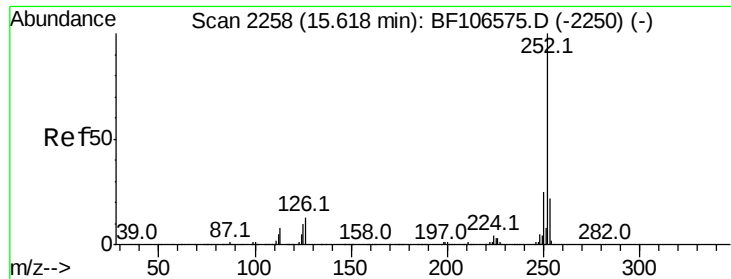
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#88
Benzo(k)fluoranthene
Concen: 39.349 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.8	10.2	15.2





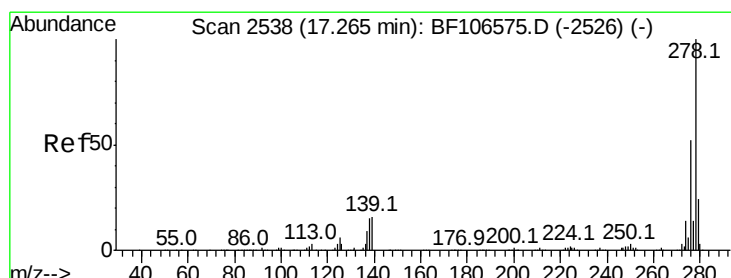
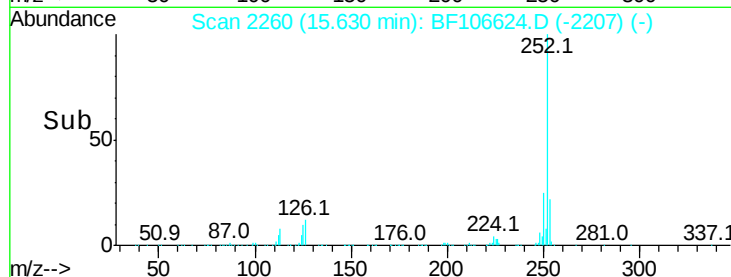
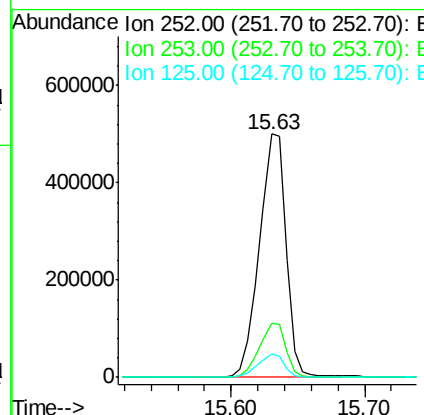
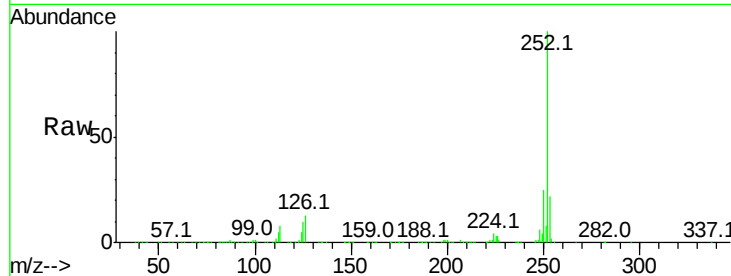
#89
Benzo(a)pyrene
Concen: 42.057 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.6	9.8	14.6

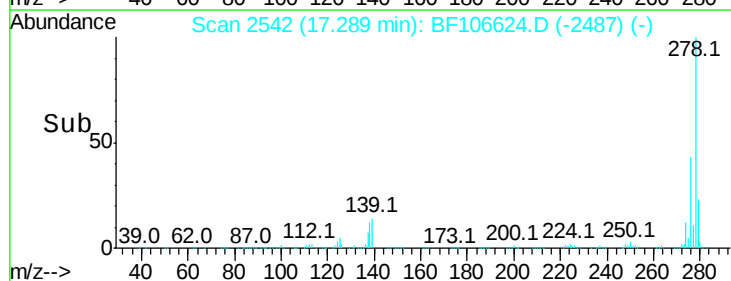
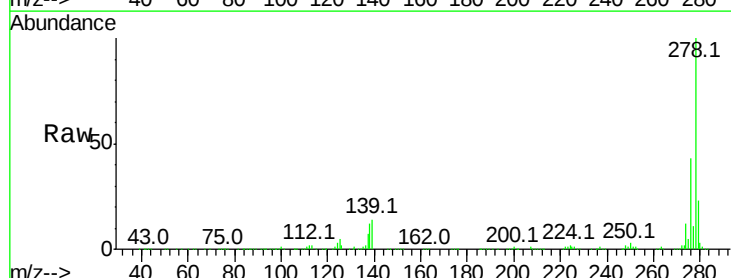
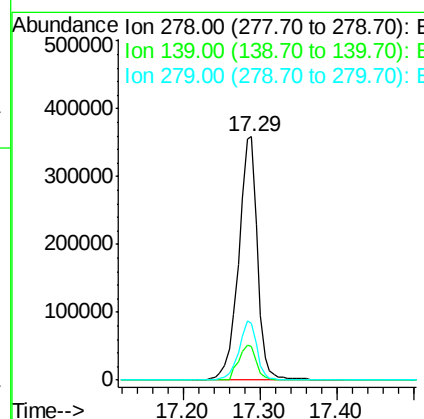
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#90
Dibenzo(a,h)anthracene
Concen: 44.435 ng
RT: 17.29 min Scan# 2542
Delta R.T. 0.02 min
Lab File: BF106624.D
Acq: 20 Jun 2018 17:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.9	23.9
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.420 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. 0.02 min
 Lab File: BF106624.D
 Acq: 20 Jun 2018 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB110384BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	18.7	21.8	32.8

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