

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106374.D
 Acq On : 13 Jun 2018 5:45
 Operator : JU/SJ
 Sample : J3164-15MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418MSD

Manual Integrations
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 6/13/2018 4:56:42 PM

Quant Time: Jun 13 07:29:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	109187	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	355640	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	150743	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	310625	20.00	ng	0.00
75) Chrysene-d12	14.15	240	302504	20.00	ng	0.00
86) Perylene-d12	15.69	264	220026	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	446314	69.18	ng	0.04
7) Phenol-d6	6.63	99	322066	39.51	ng	0.04
23) Nitrobenzene-d5	7.54	82	675623	111.76	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	272919	188.17	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1047245	163.40	ng	0.00
78) Terphenyl-d14	13.09	244	1292681	106.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	57953	17.358	ng	95
3) Pyridine	3.64	79	61364	6.595	ng	96
4) n-Nitrosodimethylamine	3.57	42	68438	16.057	ng	# 94
6) Aniline	6.65	93	125384	10.535	ng	# 11
8) 2-Chlorophenol	6.78	128	257178	37.071	ng	99
9) Benzaldehyde	6.52	77	159042	25.726	ng	97
10) Phenol	6.65	94	141227	15.872	ng	# 62
11) bis(2-Chloroethyl)ether	6.71	93	348549	45.759	ng	99
12) 1,3-Dichlorobenzene	6.92	146	352009	43.111	ng	97
13) 1,4-Dichlorobenzene	7.00	146	356826	43.065	ng	98
14) 1,2-Dichlorobenzene	7.15	146	326496	41.858	ng	98
15) Benzyl Alcohol	7.11	79	174841	25.049	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	510593	46.762	ng	58
17) 2-Methylphenol	7.25	107	166038	26.825	ng	# 81
18) Hexachloroethane	7.49	117	172996	58.595	ng	90
19) n-Nitroso-di-n-propylamine	7.38	70	238561	39.014	ng	96
20) 3+4-Methylphenols	7.40	107	205374	25.946	ng	93
22) Acetophenone	7.38	105	455543	50.828	ng	# 99
24) Nitrobenzene	7.56	77	364523	55.477	ng	99
25) Isophorone	7.80	82	613845	51.986	ng	100
26) 2-Nitrophenol	7.87	139	151690	59.477	ng	96
27) 2,4-Dimethylphenol	7.92	122	226332	45.277	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	363733	47.507	ng	99
29) 2,4-Dichlorophenol	8.14	162	236581	49.057	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	264220	48.863	ng	95
31) Naphthalene	8.28	128	936606	58.258	ng	99
32) Benzoic acid	8.00	122	18363	11.513	ng	# 1
33) 4-Chloroaniline	8.33	127	163338	22.926	ng	98
34) Hexachlorobutadiene	8.39	225	170202	48.994	ng	100
35) Caprolactam	8.71	113	10242	6.279	ng	# 71
36) 4-Chloro-3-methylphenol	8.82	107	210404	39.441	ng	97
37) 2-Methylnaphthalene	8.97	142	623945	56.982	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	268803	54.930	ng	# 96
40) Hexachlorocyclopentadiene	9.12	237	53176	19.695	ng	94

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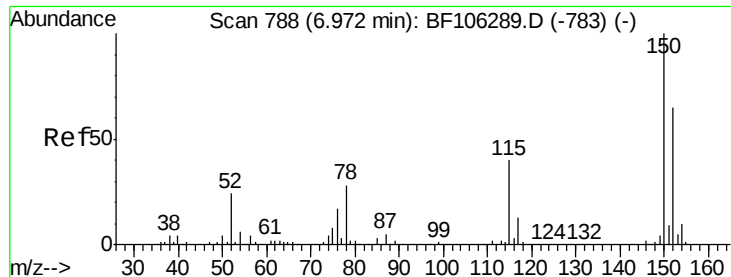
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	165753	53.151	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	147974	44.015	nq	92
45) 1,1'-Biphenyl	9.44	154	622895	53.349	nq	98
46) 2-Chloronaphthalene	9.46	162	478893	51.253	nq	99
47) 2-Nitroaniline	9.56	65	155161	52.787	nq	91
48) Acenaphthylene	9.88	152	762138	53.290	nq	99
49) Dimethylphthalate	9.73	163	635982	59.053	nq	99
50) 2,6-Dinitrotoluene	9.80	165	112680	51.220	nq	92
51) Acenaphthene	10.05	154	487947	52.830	nq	100
52) 3-Nitroaniline	9.97	138	93396	35.770	nq	93
53) 2,4-Dinitrophenol	10.07	184	50710	53.415	nq #	21
54) Dibenzofuran	10.22	168	667613	53.678	nq	98
55) 4-Nitrophenol	10.18	139	62783	31.370	nq	89
56) 2,4-Dinitrotoluene	10.20	165	157193	56.901	nq	94
57) Fluorene	10.57	166	555907	56.414	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	153932	57.769	nq #	84
59) Diethylphthalate	10.43	149	539204	50.442	nq #	94
60) 4-Chlorophenyl-phenylether	10.55	204	256460	49.482	nq	93
61) 4-Nitroaniline	10.58	138	111624	43.940	nq	99
62) Azobenzene	10.71	77	539661	48.416	nq	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	40840	27.471	nq	85
65) n-Nitrosodiphenylamine	10.67	169	474145	45.418	nq	95
66) 4-Bromophenyl-phenylether	11.05	248	174151	49.293	nq #	82
67) Hexachlorobenzene	11.11	284	182959	50.231	nq #	89
68) Atrazine	11.20	200	146060	45.400	nq	97
69) Pentachlorophenol	11.32	266	202082	90.116	nq	99
70) Phenanthrene	11.53	178	796678	52.370	nq	99
71) Anthracene	11.58	178	822372	53.961	nq	98
72) Carbazole	11.74	167	754964	53.658	nq	98
73) Di-n-butylphthalate	12.06	149	875671	55.921	nq	100
74) Fluoranthene	12.72	202	968706	59.711	nq	98
76) Benzidine	12.84	184	59169	5.877	nq	99
77) Pyrene	12.95	202	979757	51.733	nq	97
79) Butylbenzylphthalate	13.56	149	445588	62.855	nq	97
80) Benzo(a)anthracene	14.15	228	934321	51.901	nq	97
81) 3,3'-Dichlorobenzidine	14.10	252	210777	34.703	nq	97
82) Chrysene	14.18	228	871589	53.030	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	618063	60.805	nq	99
84) Di-n-octyl phthalate	14.74	149	1020856	69.665	nq	99
85) Indeno(1,2,3-cd)pyrene	17.26	276	658050	50.167	nq #	93
87) Benzo(b)fluoranthene	15.24	252	737797m	55.472	nq	
88) Benzo(k)fluoranthene	15.27	252	716052	54.361	nq #	97
89) Benzo(a)pyrene	15.62	252	646496	54.041	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	548847	55.030	nq #	95
91) Benzo(g,h,i)perylene	17.74	276	536303	55.331	nq #	93

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



#1

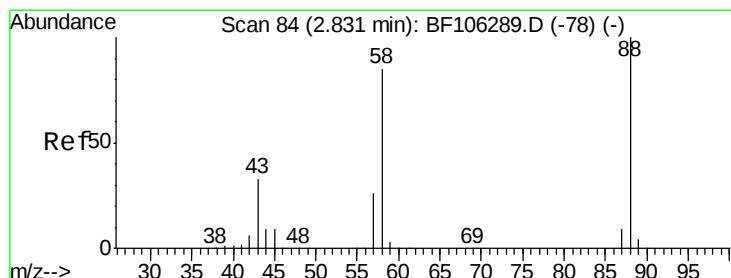
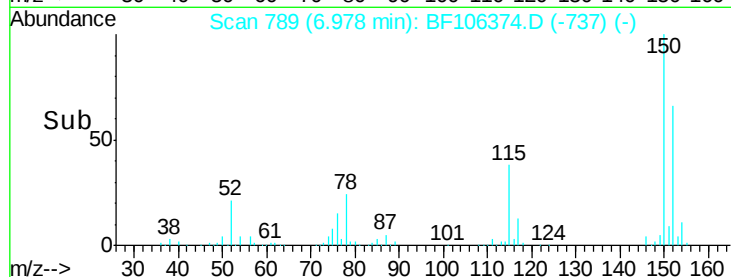
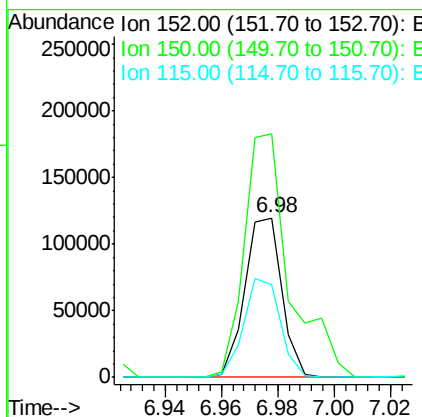
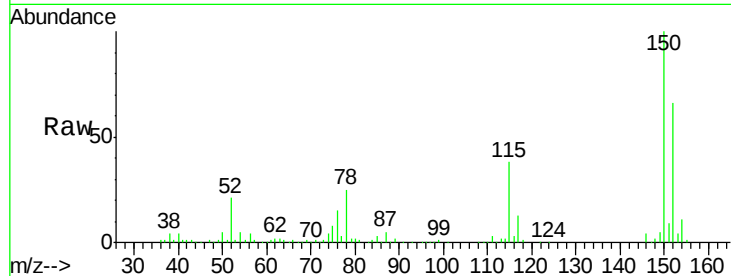
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	58.0	50.1	75.1

Manual Integrations
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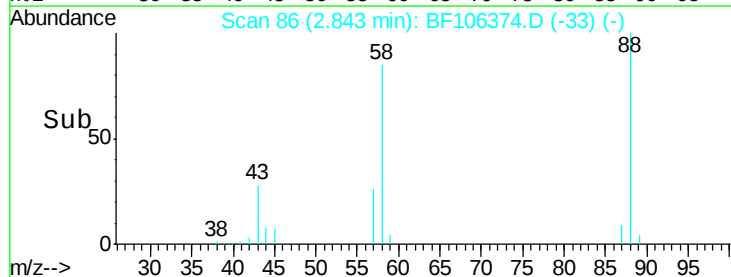
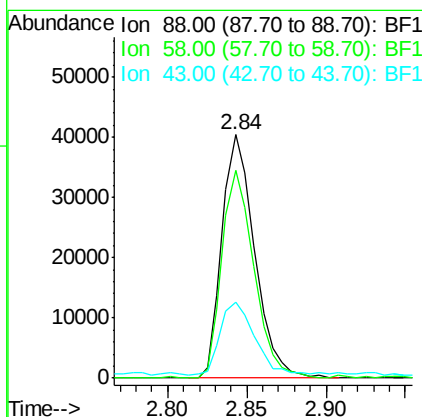
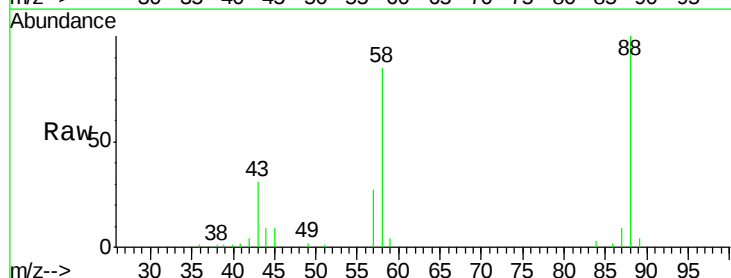
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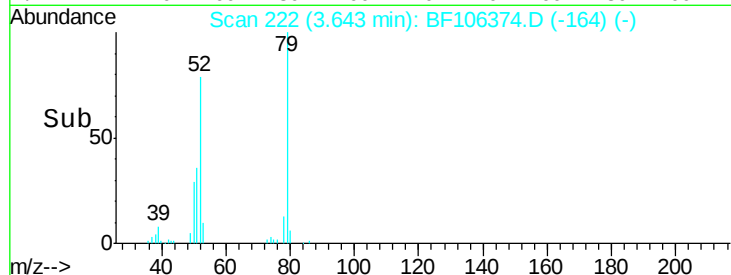
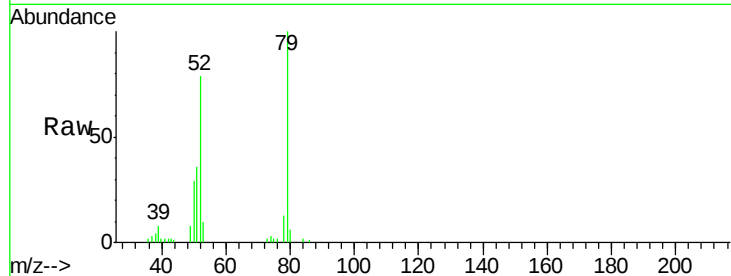
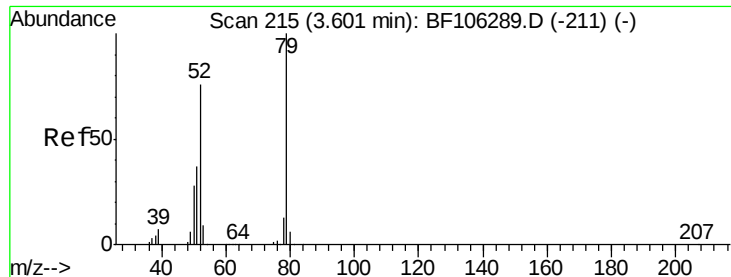


#2

1,4-Dioxane
Concen: 17.358 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	62.6	93.8
43	30.9	24.6	37.0





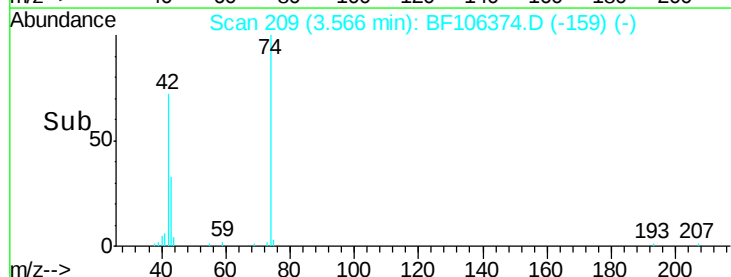
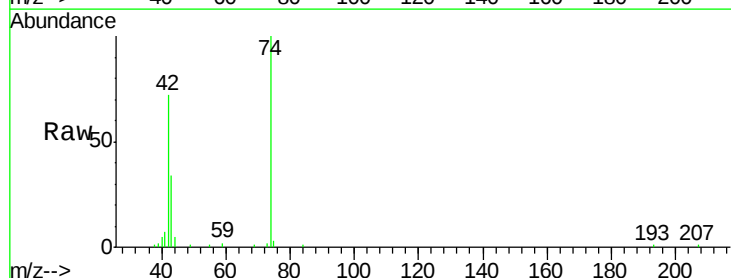
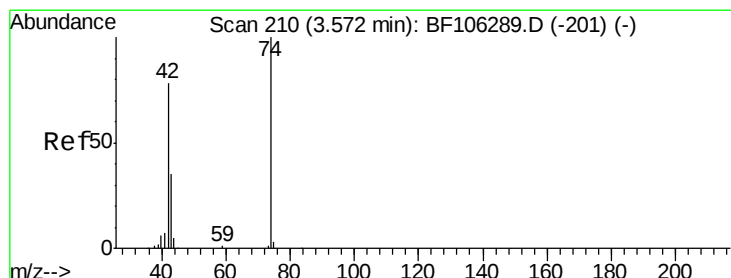
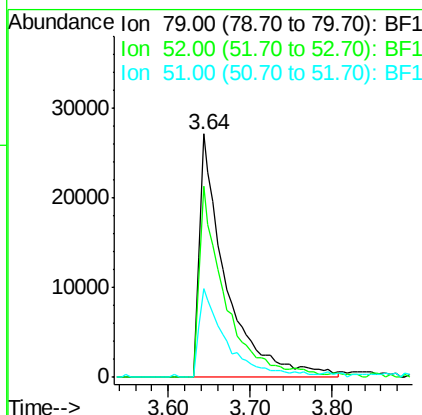
#3
 Pvridine
 Concen: 6.595 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	61364		
52	52	78.5		59.8	89.6
51	51	36.2		29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418MSD

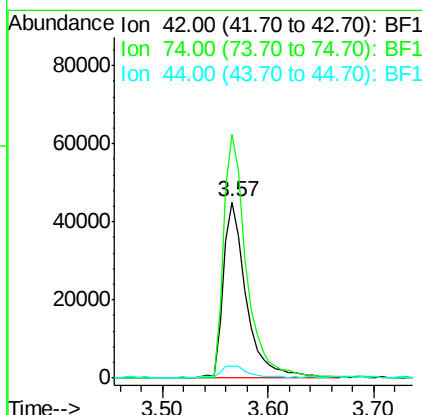
Manual Integrations
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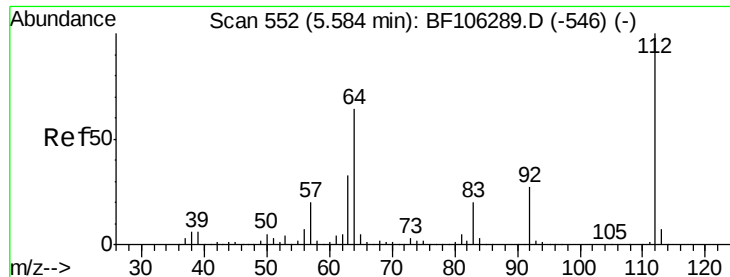
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#4
 n-Nitrosodimethylamine
 Concen: 16.057 ng
 RT: 3.57 min Scan# 209
 Delta R.T. -0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	68438		
74	74	138.4		104.9	157.3
44	44	6.8		6.9	10.3#





#5

2-Fluorophenol

Concen: 69.183 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.04 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

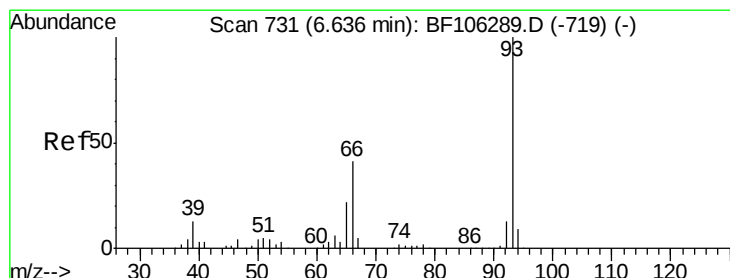
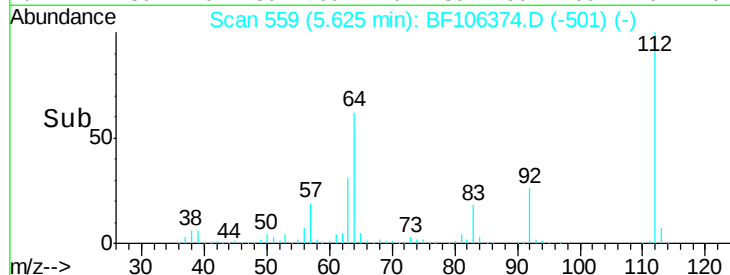
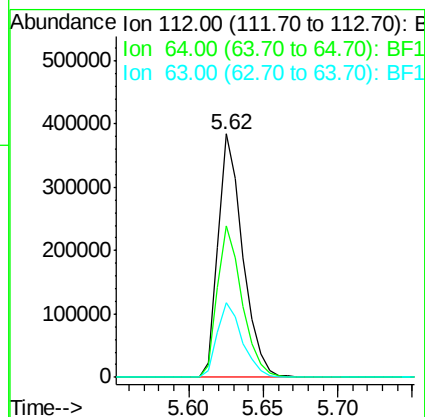
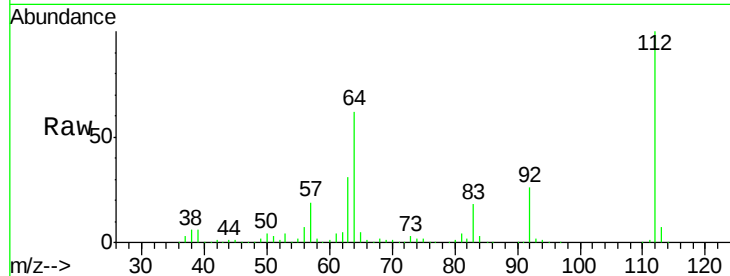
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	112	Resp:	446314
Ion Ratio		Lower	Upper
112	100		
64	62.2	47.9	71.9
63	30.9	23.7	35.5

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#6

Aniline

Concen: 10.535 ng

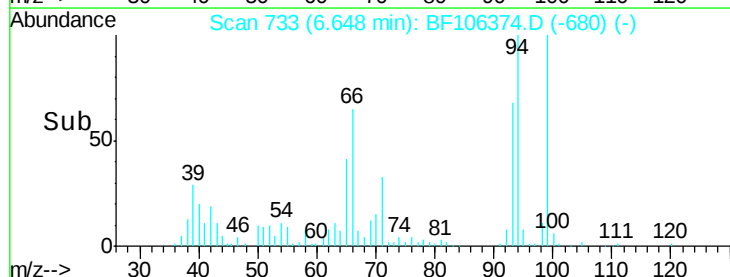
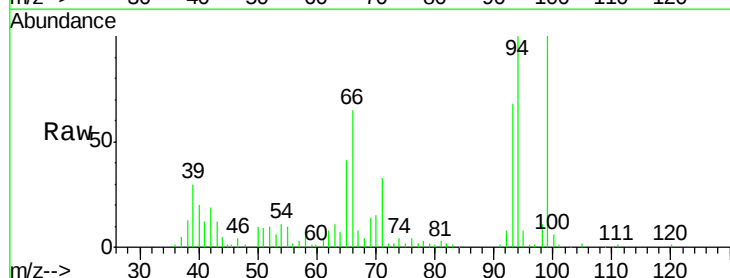
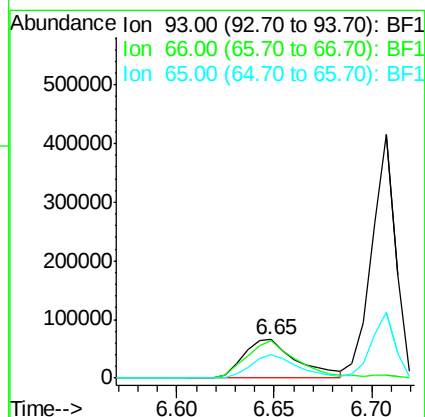
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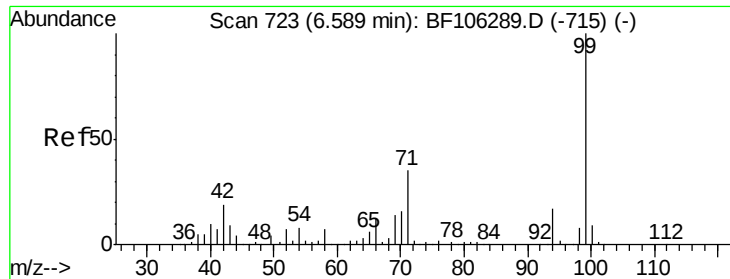
Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	93	Resp:	125384
Ion Ratio		Lower	Upper
93	100		
66	96.1	32.2	48.2#
65	60.1	16.4	24.6#





#7

Phenol-d6

Concen: 39.515 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.04 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

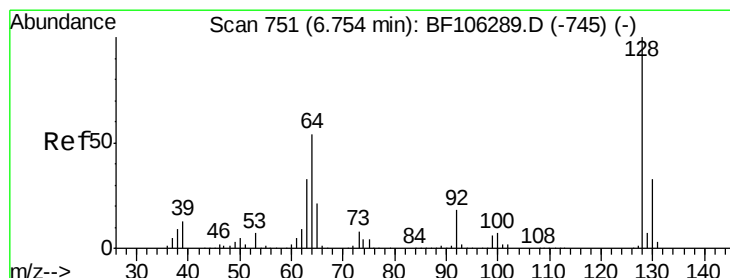
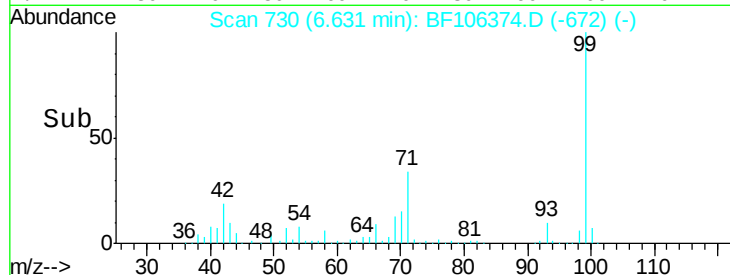
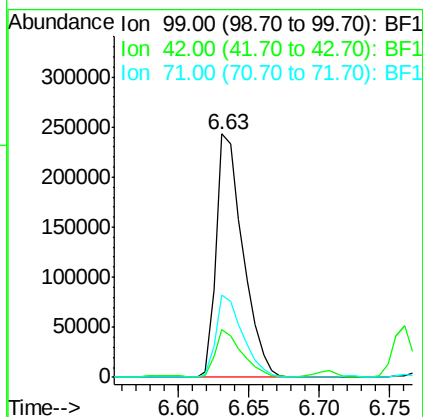
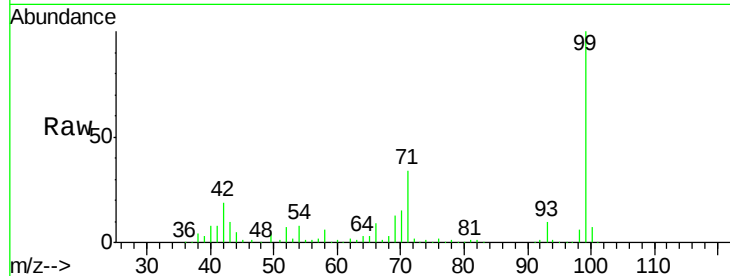
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	99	Resp:	322066
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	34.0	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.071 ng

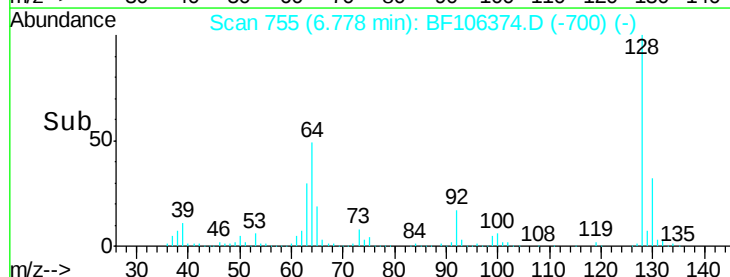
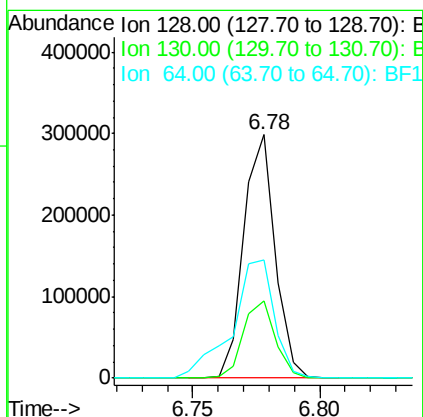
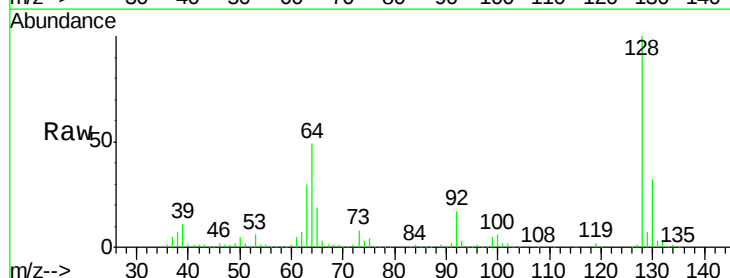
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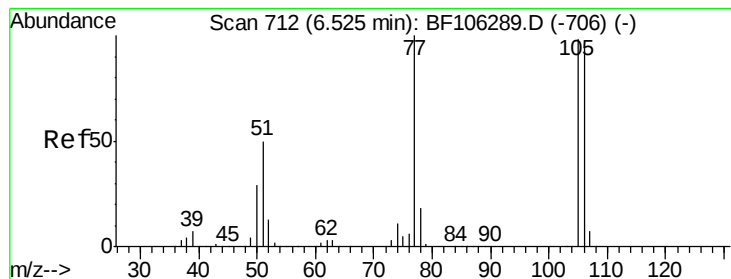
Delta R.T. 0.02 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	128	Resp:	257178
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	48.8	29.4	69.4





#9

Benzaldehyde

Concen: 25.726 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

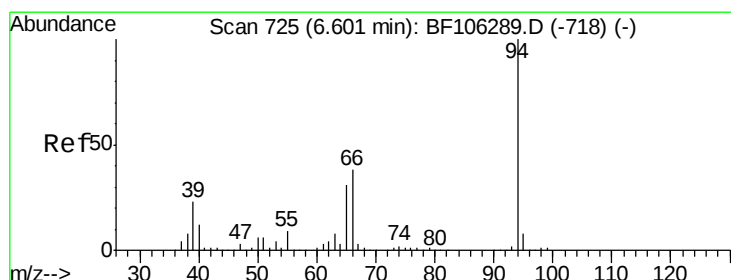
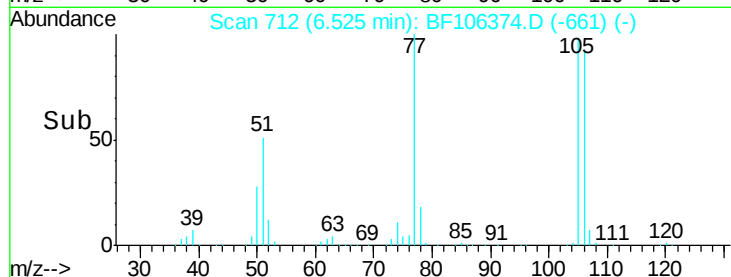
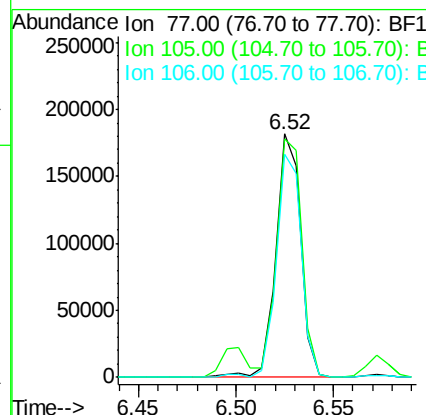
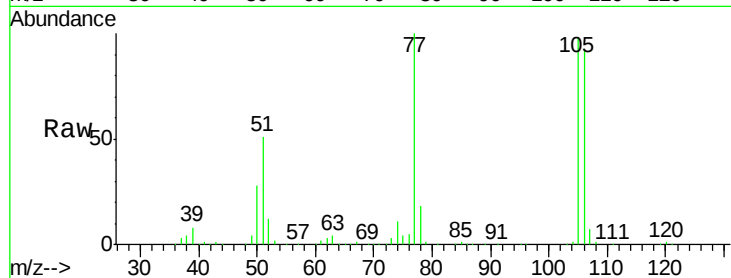
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	77	Resp:	159042
Ion Ratio	Lower	Upper	
77	100		
105	97.7	81.1	121.1
106	91.8	74.5	114.5

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#10

Phenol

Concen: 15.872 ng

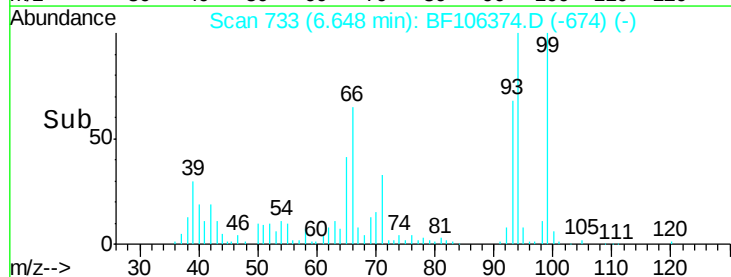
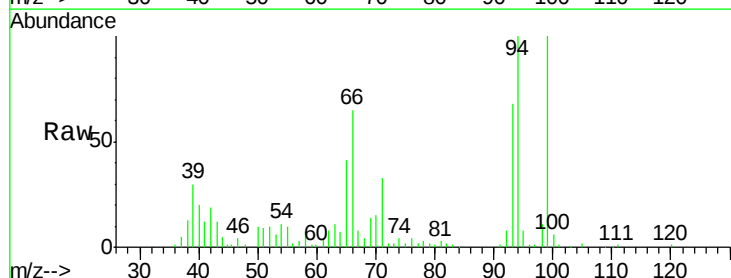
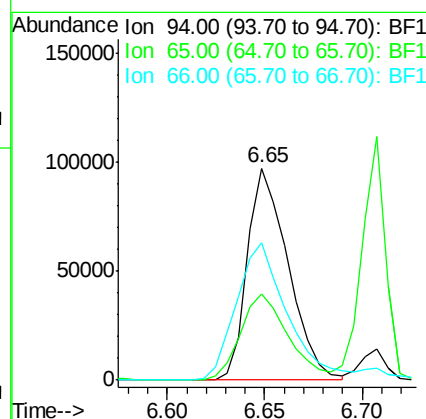
RT: 6.65 min Scan# 733

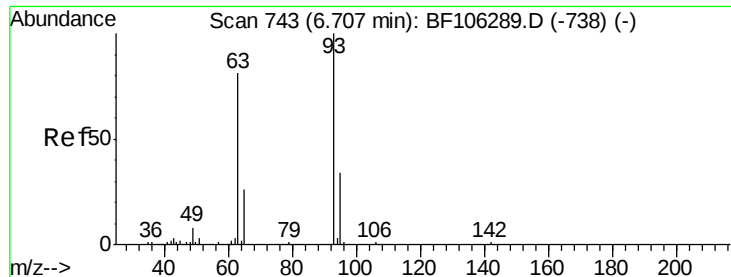
Delta R.T. 0.05 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	94	Resp:	141227
Ion Ratio	Lower	Upper	
94	100		
65	40.7	7.9	47.9
66	65.1	16.2	56.2





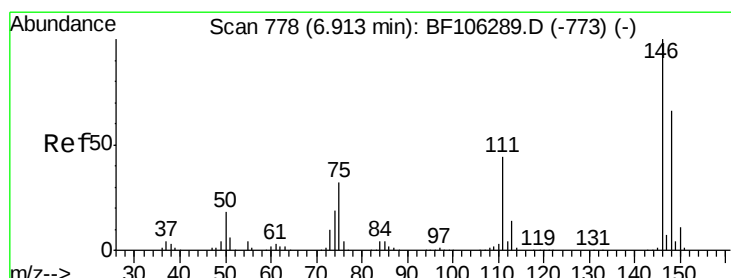
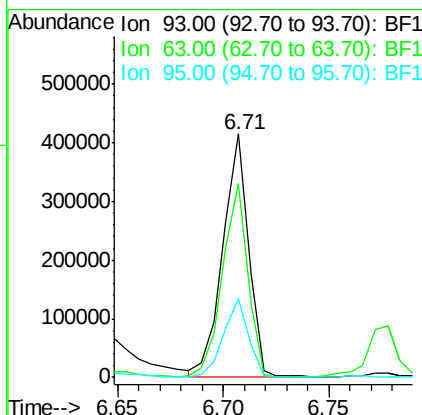
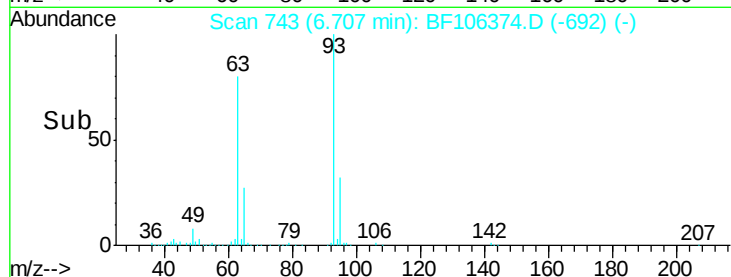
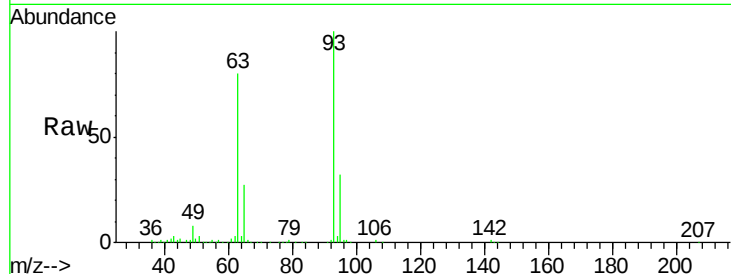
#11
bis(2-Chloroethyl)ether
Concen: 45.759 ng
RT: 6.71 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	93	Resp:	348549
Ion Ratio	Lower	Upper	
93	100		
63	79.5	58.6	98.6
95	32.2	11.8	51.8

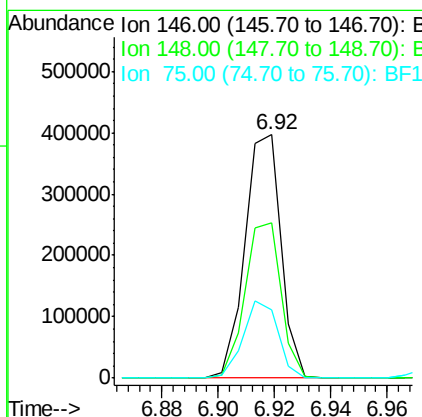
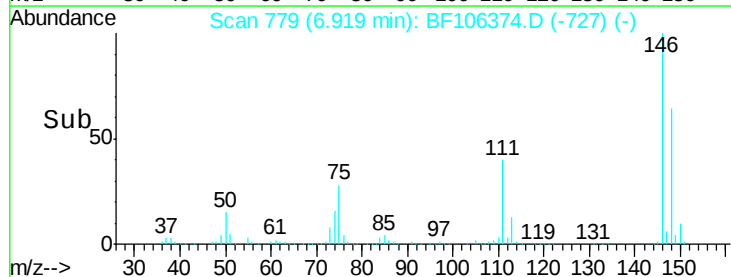
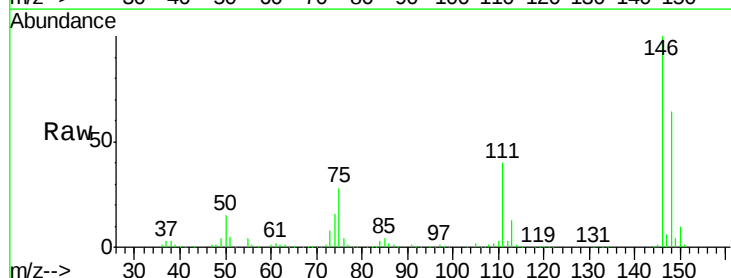
Manual Integrations
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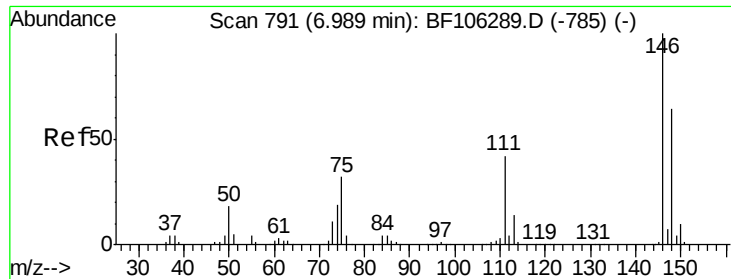
Sohil
6/13/2018 4:56:42 PM



#12
1,3-Dichlorobenzene
Concen: 43.111 ng
RT: 6.92 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion:	146	Resp:	352009
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.8
75	27.8	24.2	36.4





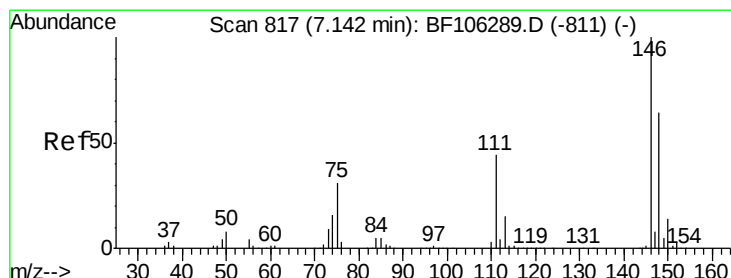
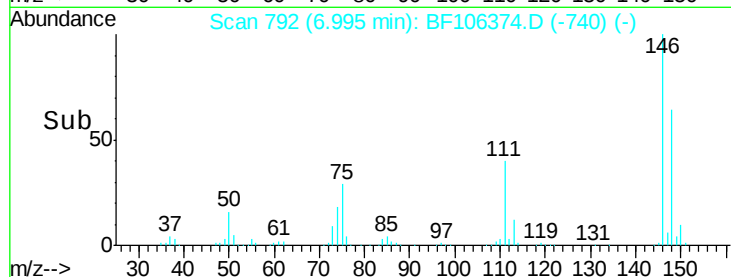
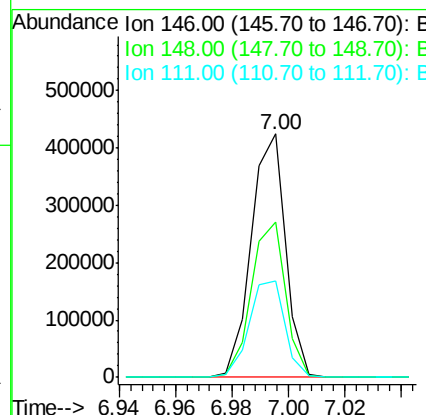
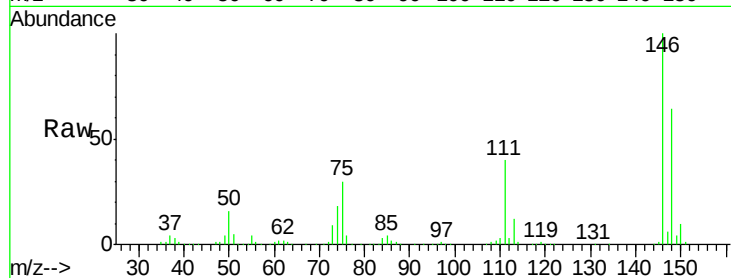
#13
 1,4-Dichlorobenzene
 Concen: 43.065 ng
 RT: 7.00 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418MSD

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

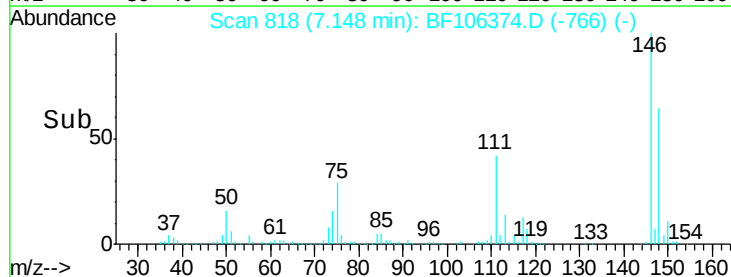
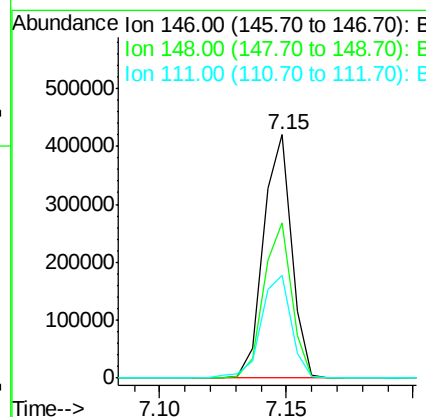
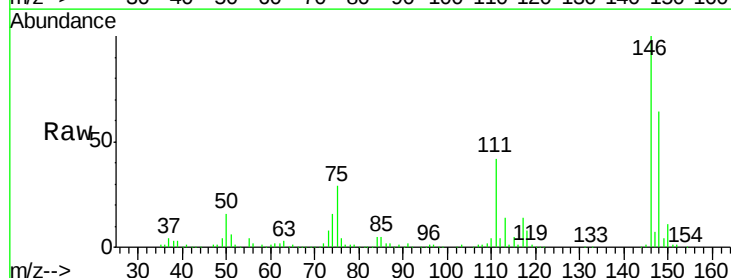
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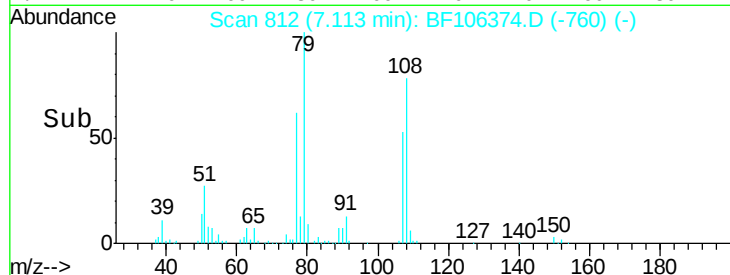
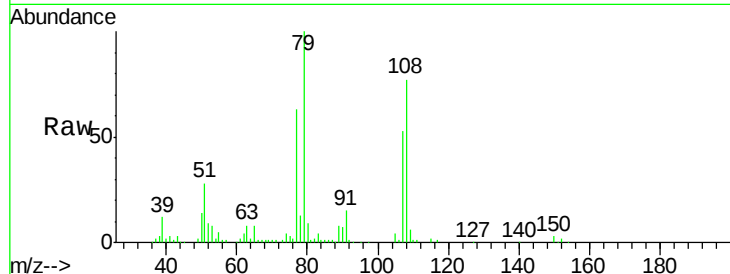
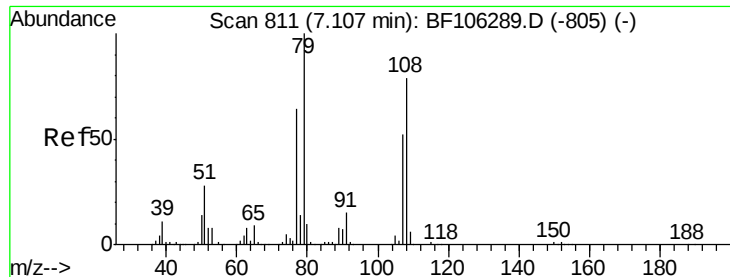
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#14
 1,2-Dichlorobenzene
 Concen: 41.858 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	42.3	36.0	54.0





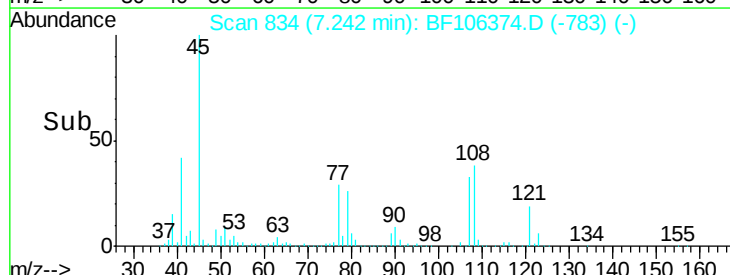
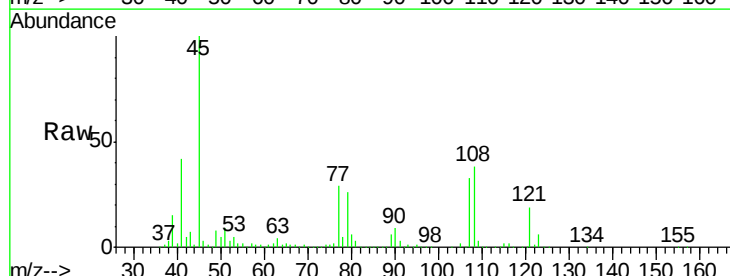
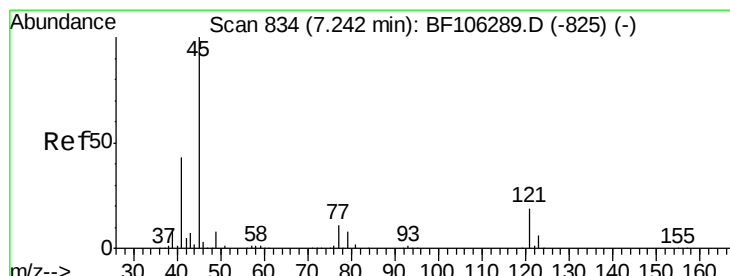
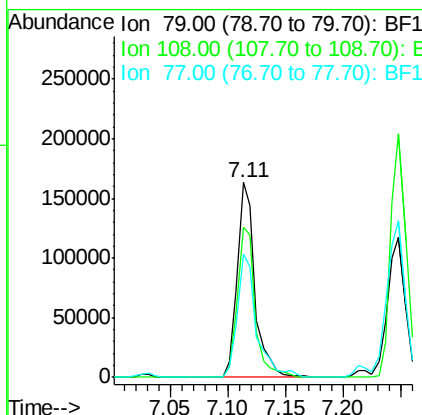
#15
Benzyl Alcohol
Concen: 25.049 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tot Ion:	79	Resp:	174841
Ion Ratio	Lower	Upper	
79	100		
108	77.3	65.1	97.7
77	63.1	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

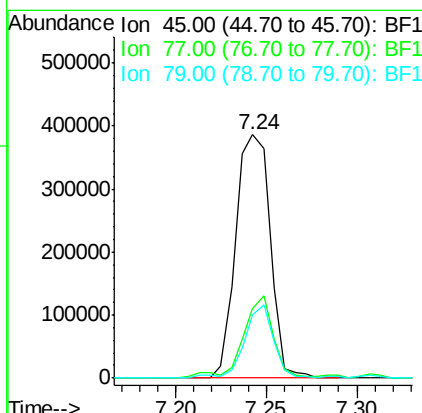
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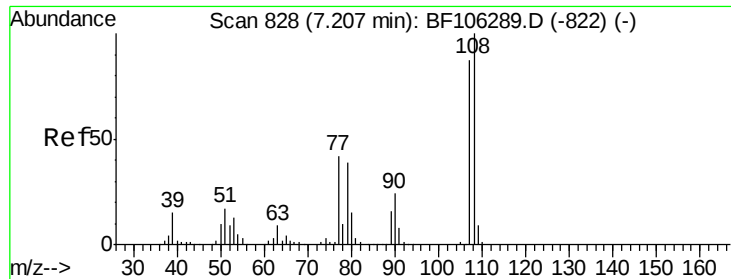
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.762 ng
RT: 7.24 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion:	45	Resp:	510593
Ion Ratio	Lower	Upper	
45	100		
77	28.8	0.0	32.9
79	25.9	0.0	29.6





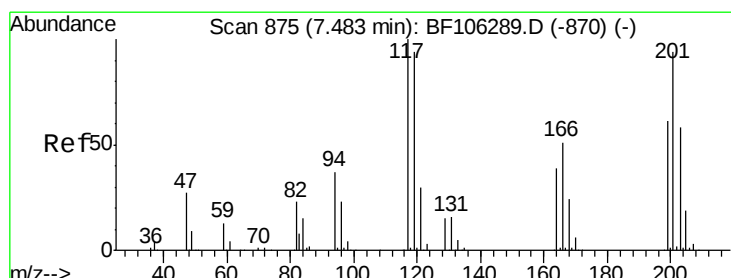
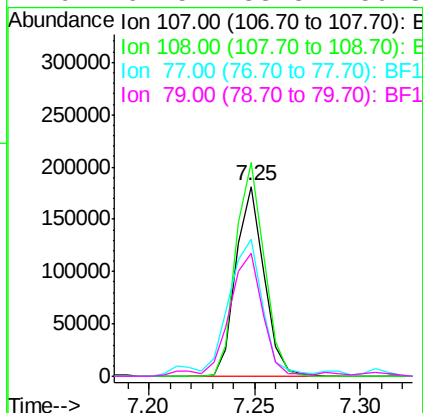
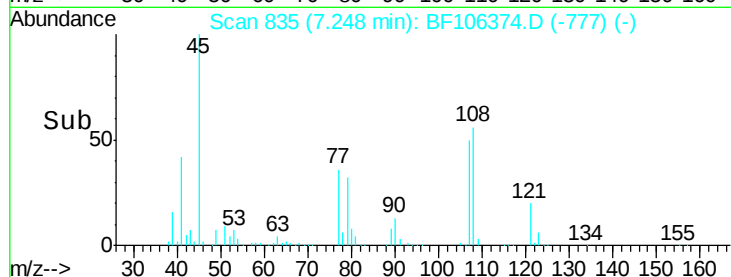
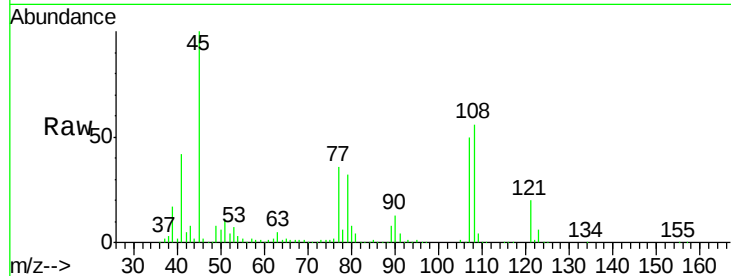
#17
2-Methylphenol
Concen: 26.825 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.04 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.7	137.5	
77	72.5	33.8	50.8#	
79	64.5	33.8	50.8#	

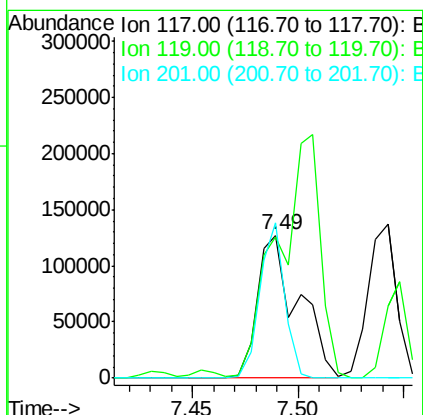
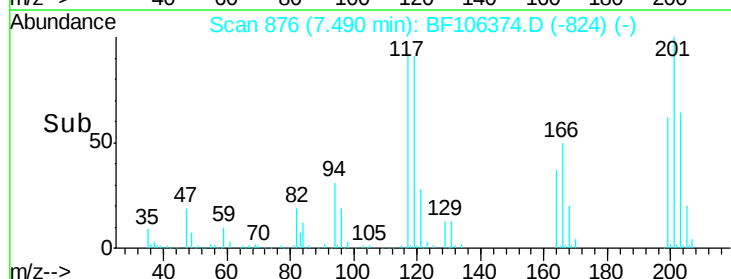
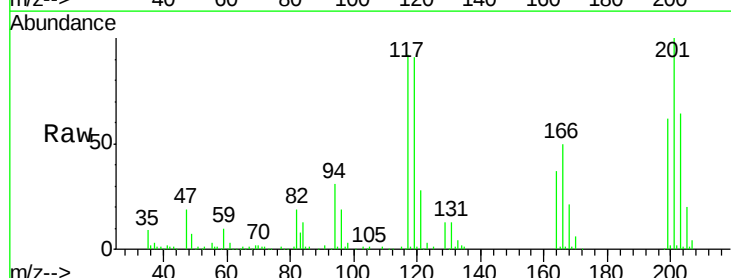
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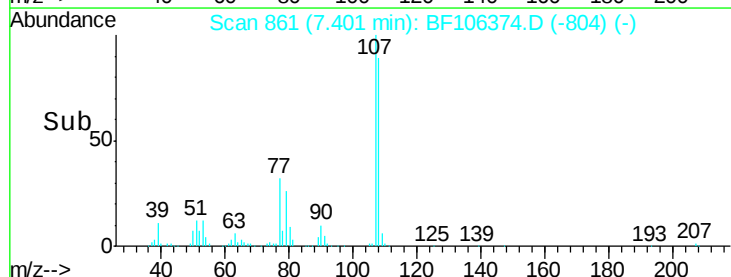
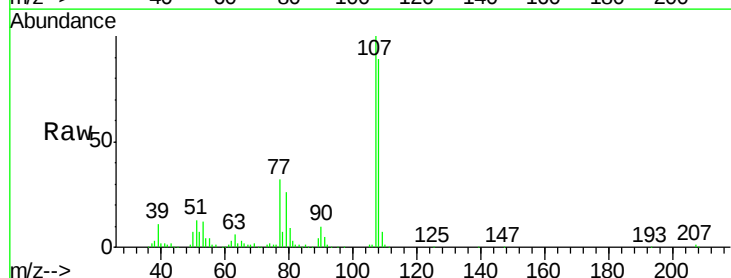
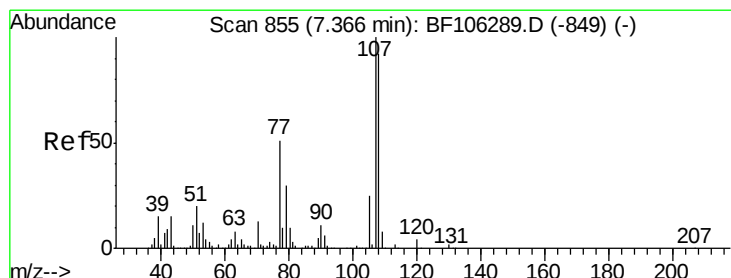
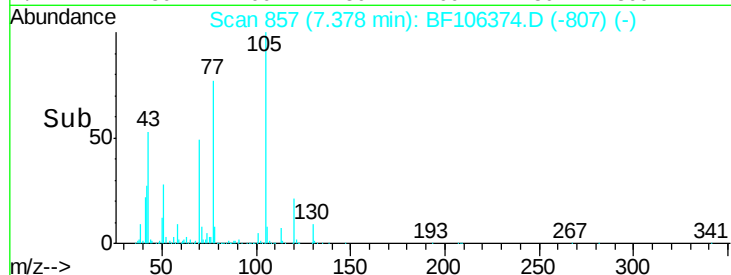
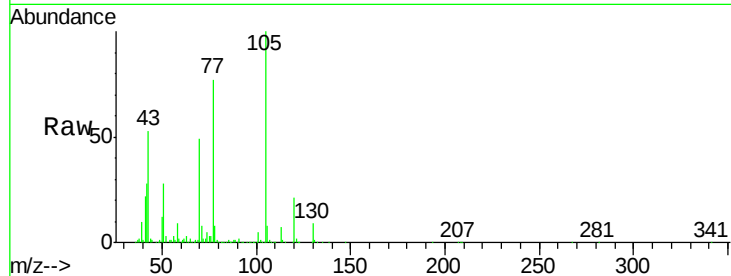
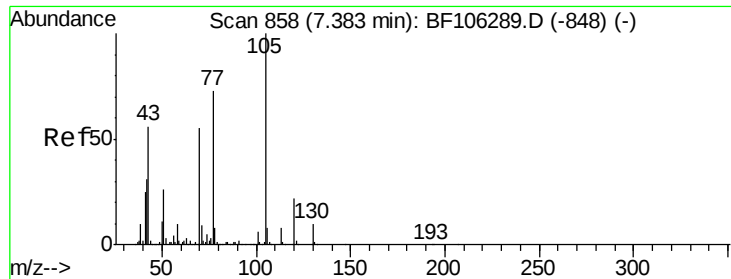
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#18
Hexachloroethane
Concen: 58.595 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

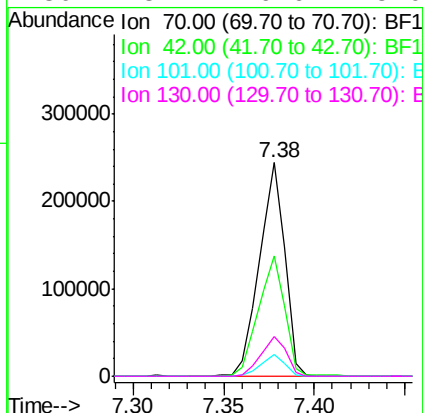
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	75.8	113.8	
201	109.1	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 39.014 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tot Ion	70	Resp	238561
Ion Ratio	Lower	Upper	
70	100		
42	56.2	47.5	71.3
101	9.9	7.4	11.2
130	18.7	16.6	25.0



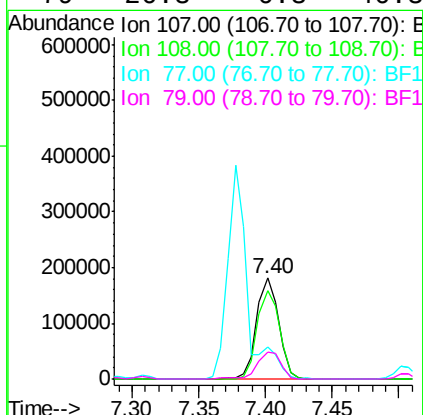
Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

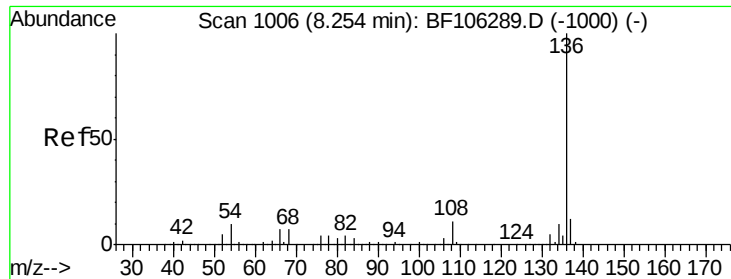
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#20
3+4-Methylphenols
Concen: 25.946 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.04 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	107	Resp	205374
Ion Ratio	Lower	Upper	
107	100		
108	88.5	68.2	108.2
77	32.1	26.7	66.7
79	26.3	6.3	46.3





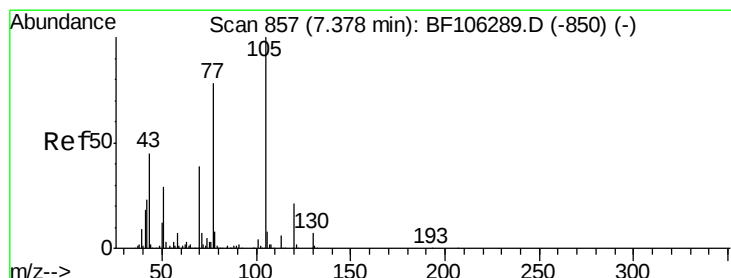
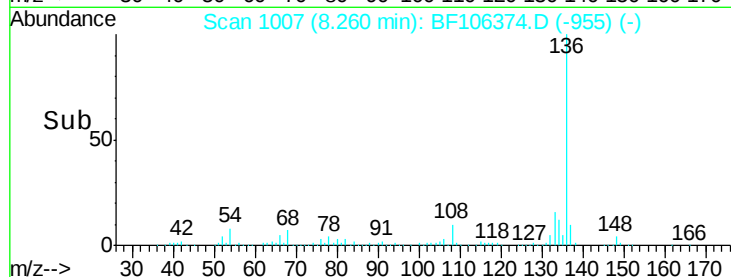
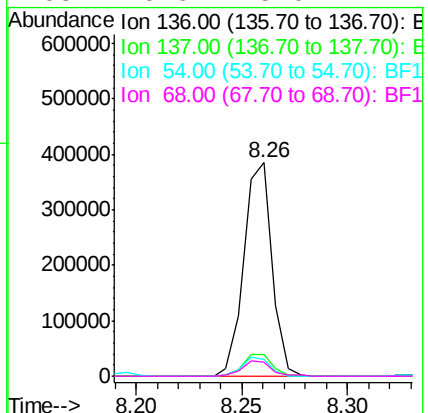
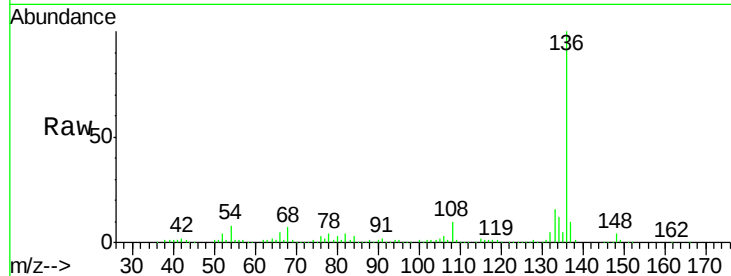
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.1		8.9	13.3	
54	8.1		6.6	9.8	
68	6.6		5.0	7.4	

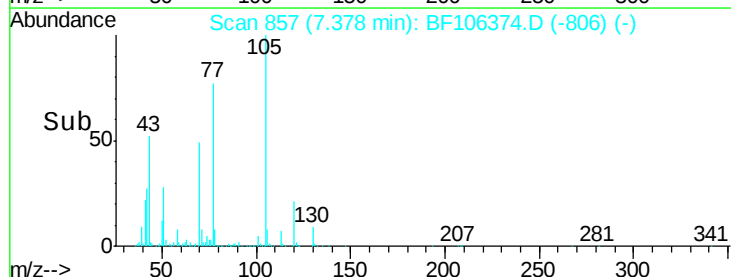
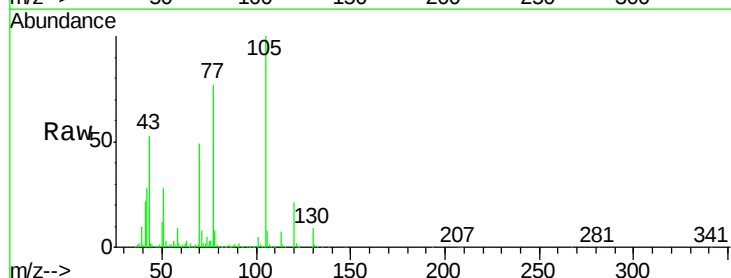
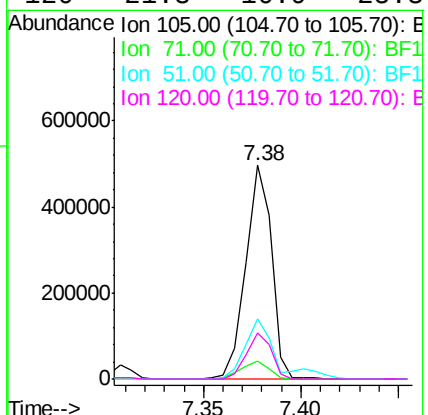
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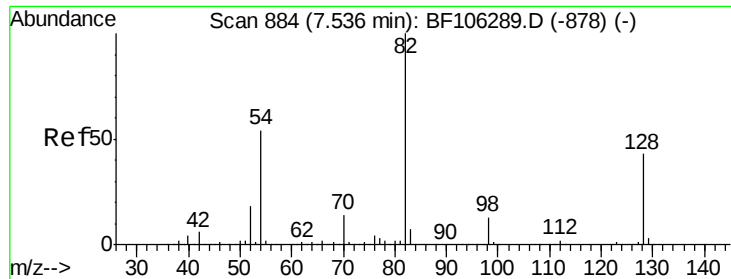
Sohil
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#22
Acetophenone
Concen: 50.828 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.1		4.4	6.6#	
51	27.9		22.3	33.5	
120	21.3		16.9	25.3	





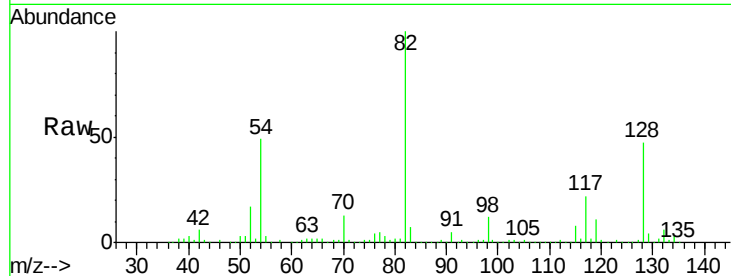
#23
Nitrobenzene-d5
Concen: 111.759 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

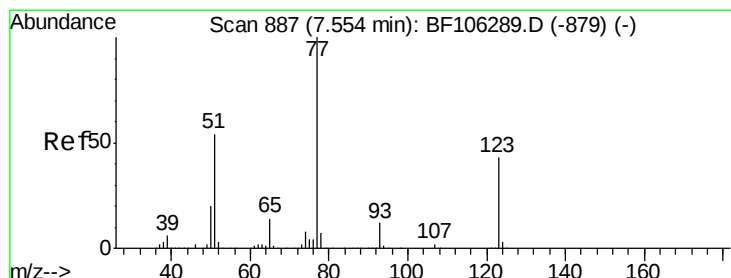
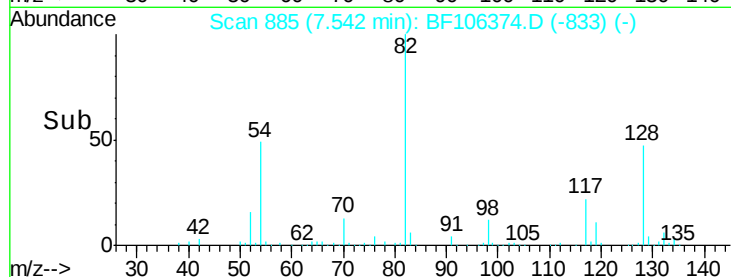
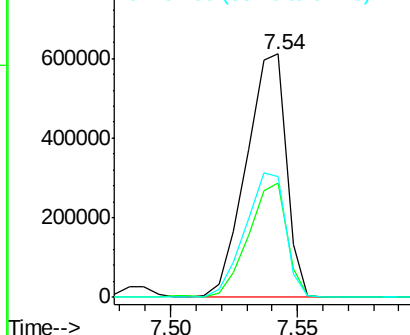
Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	47.0	36.1	54.1
54	49.3	41.4	62.2

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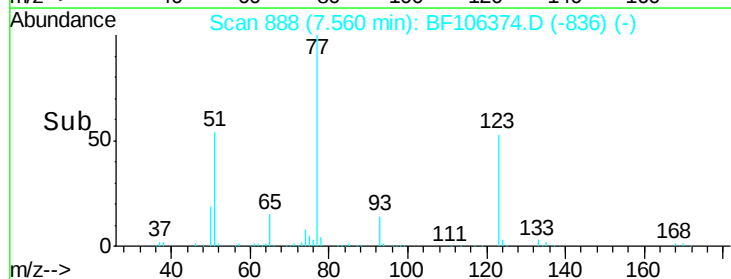
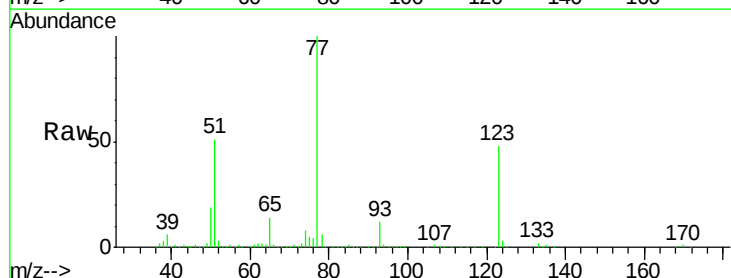
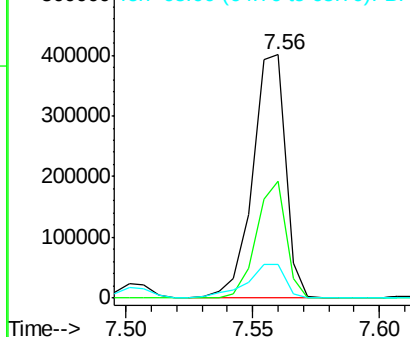
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

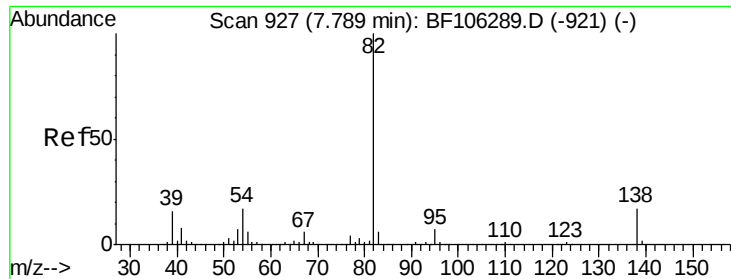


#24
Nitrobenzene
Concen: 55.477 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	48.0	37.9	56.9
65	13.7	11.0	16.4

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 51.986 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

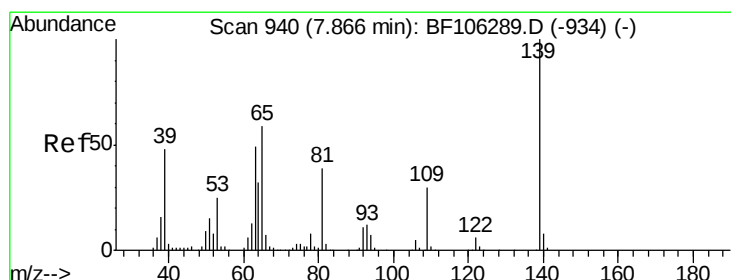
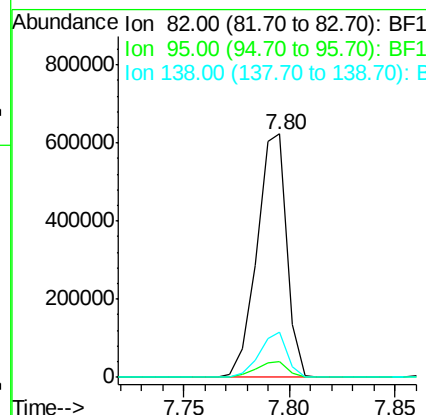
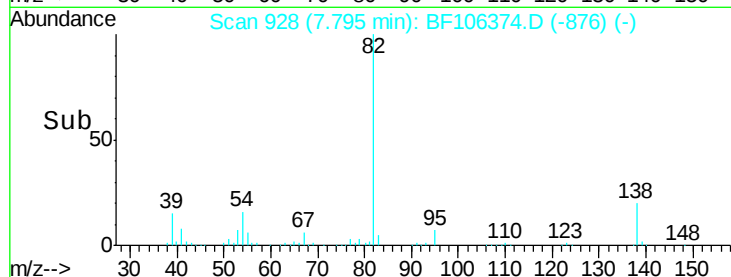
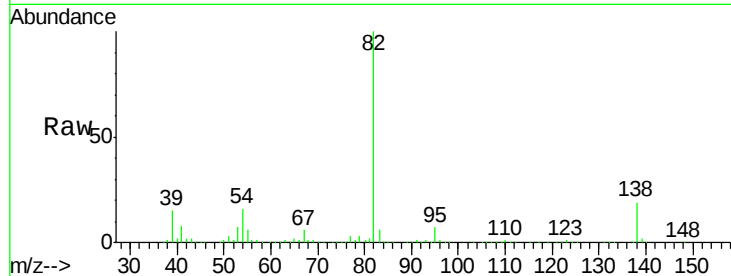
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	82	Resp:	613845
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 59.477 ng

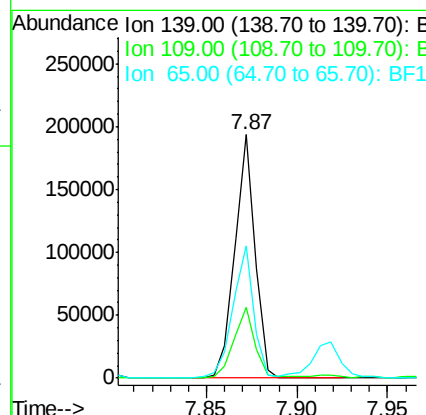
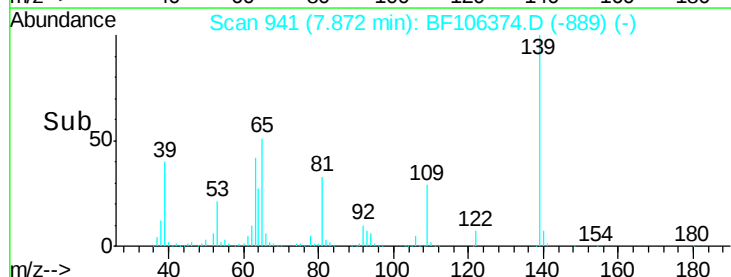
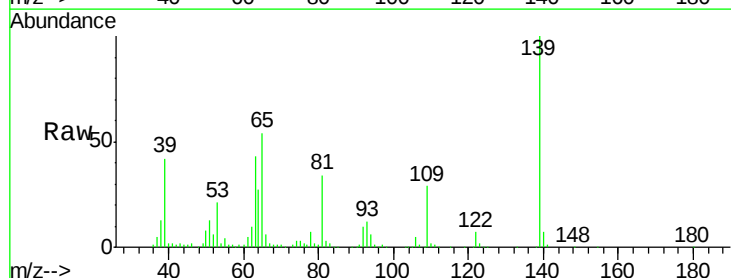
RT: 7.87 min Scan# 941

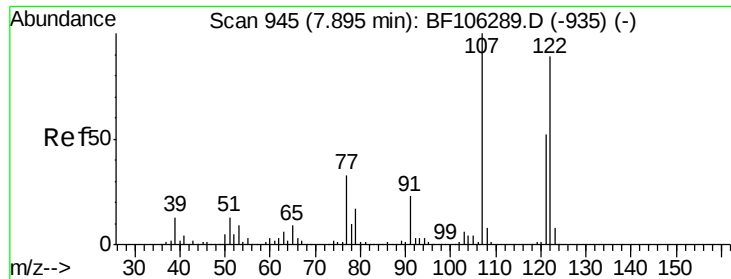
Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	139	Resp:	151690
Ion Ratio	Lower	Upper	
139	100		
109	29.3	22.7	34.1
65	54.5	40.5	60.7





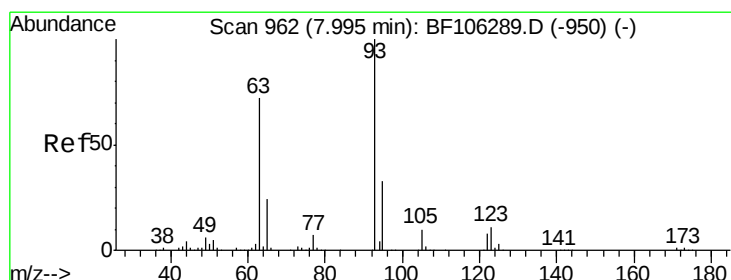
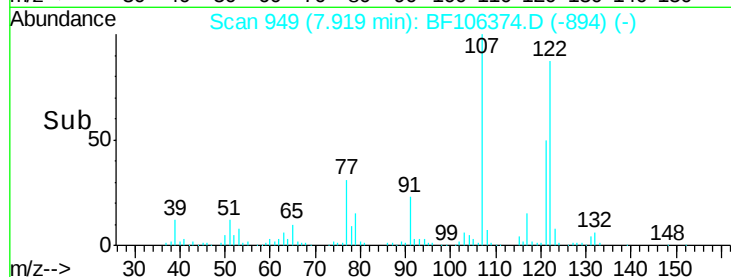
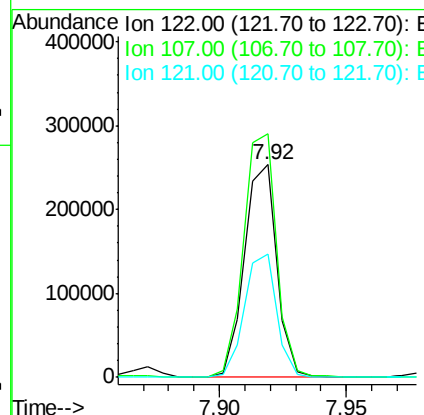
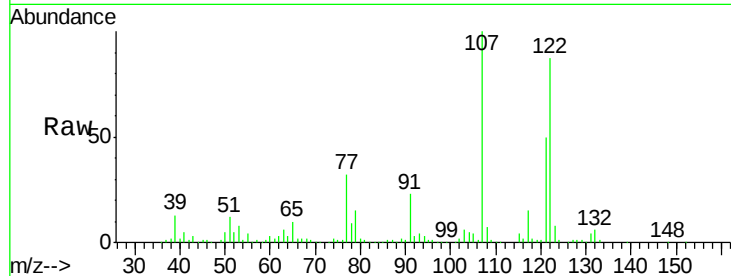
#27
2,4-Dimethylphenol
Concen: 45.277 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	226332		
107	114.6	91.2	136.8	
121	57.8	47.2	70.8	

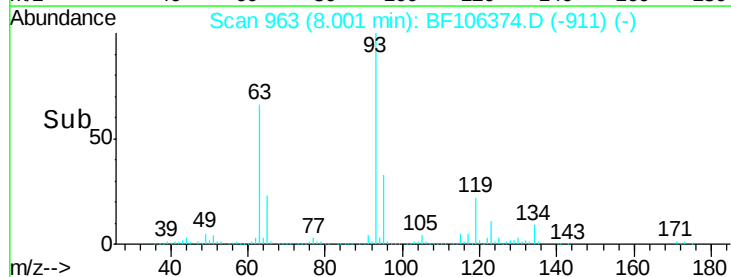
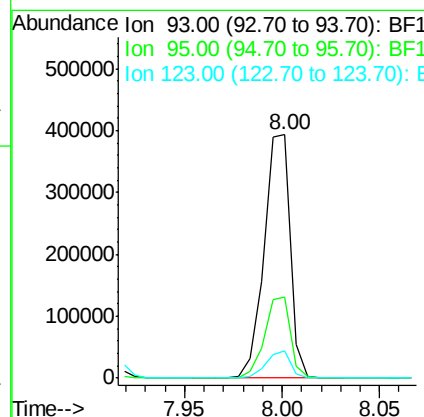
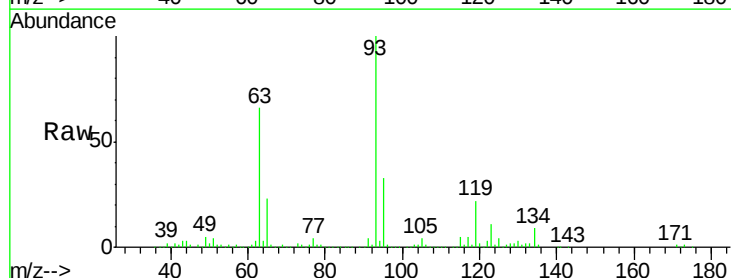
Manual Integrations
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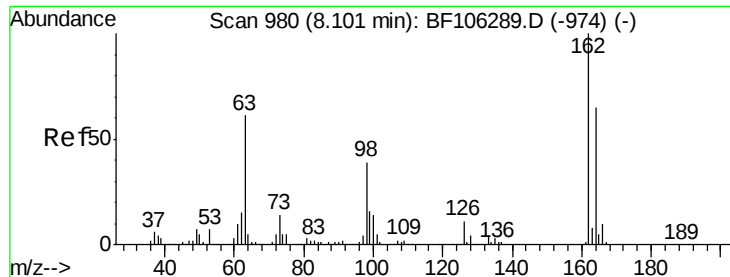
Sohil
6/13/2018 4:56:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.507 ng
RT: 8.00 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	363733		
95	33.5	26.3	39.5	
123	11.1	9.8	14.6	





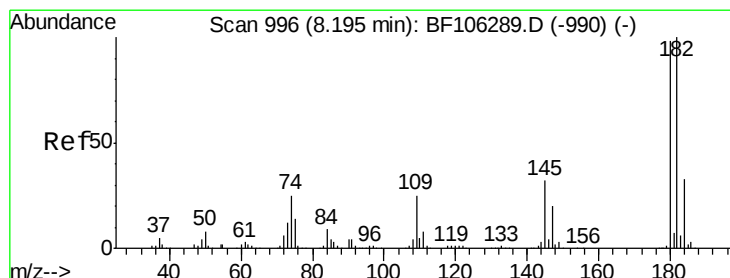
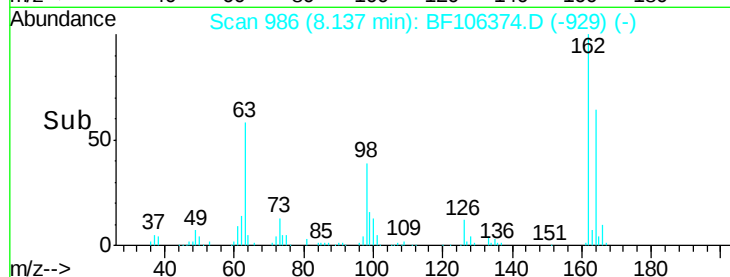
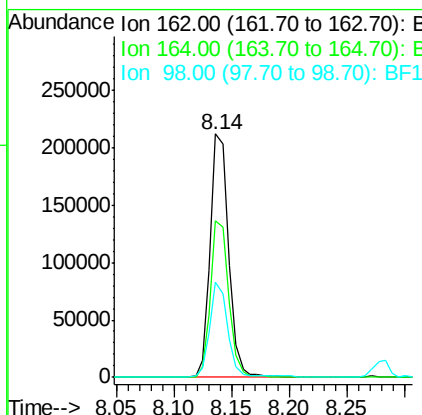
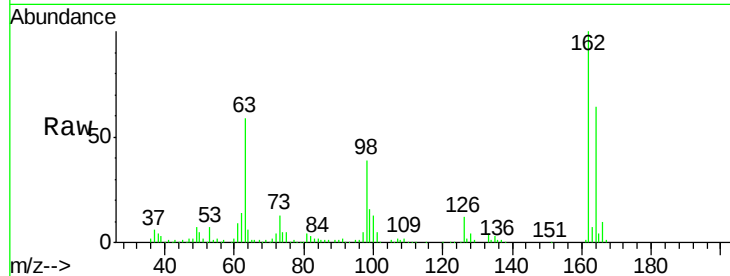
#29
2,4-Dichlorophenol
Concen: 49.057 ng
RT: 8.14 min Scan# 986
Delta R.T. 0.04 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	236581		
164	64.2	42.7	82.7	
98	38.9	18.1	58.1	

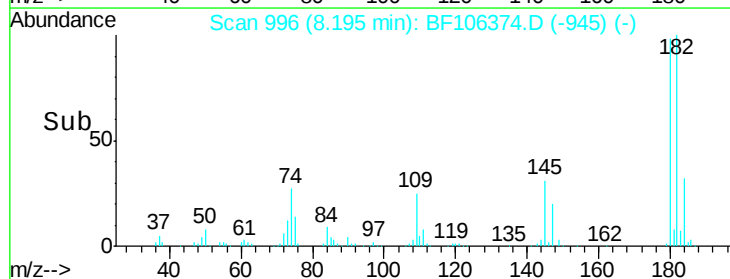
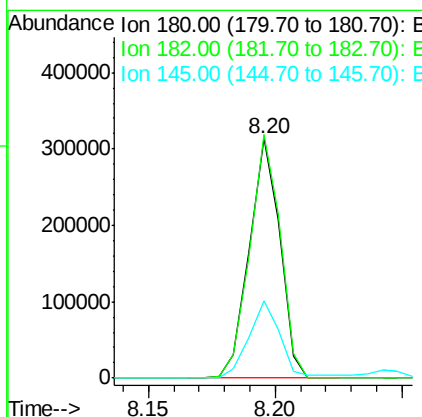
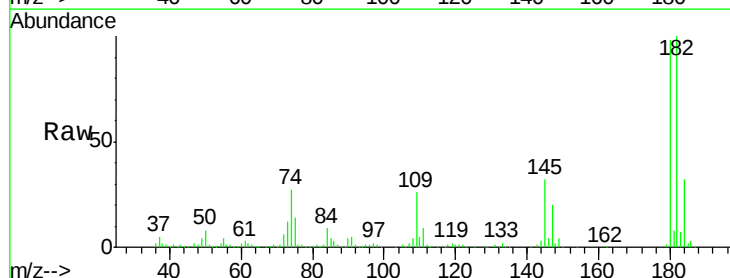
Manual Integrations
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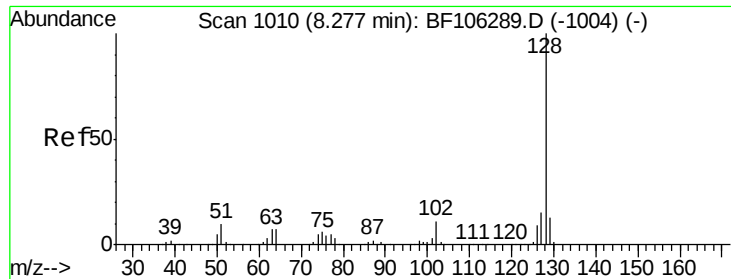
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 48.863 ng
RT: 8.20 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	264220		
182	101.7	76.8	115.2	
145	32.2	26.5	39.7	





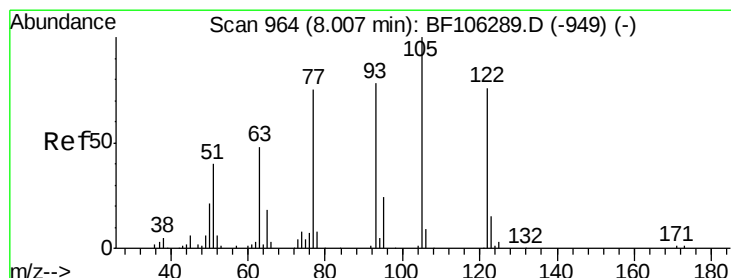
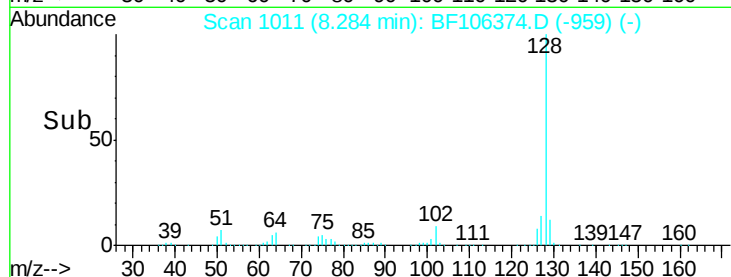
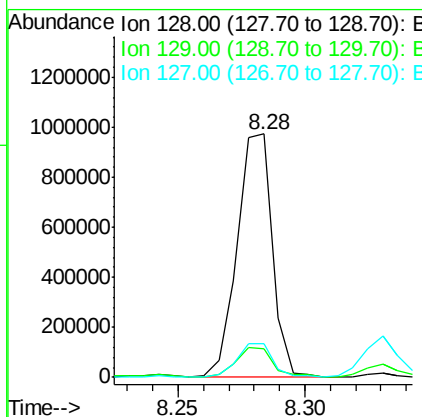
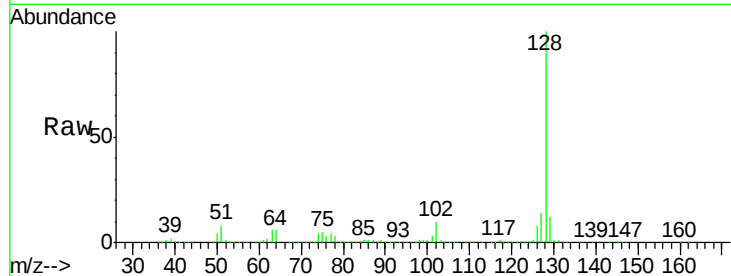
#31
Naphthalene
Concen: 58.258 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	8.8	13.2	
127	13.9	10.9	16.3	

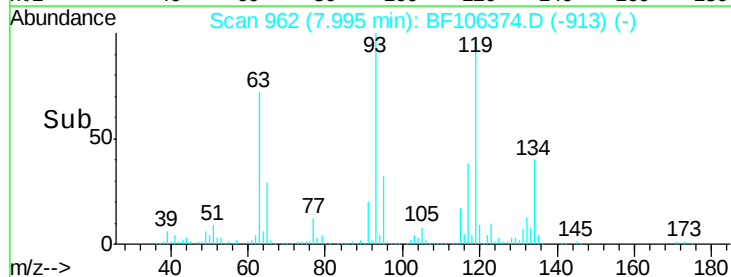
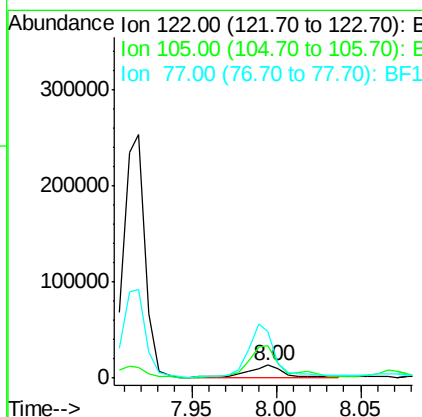
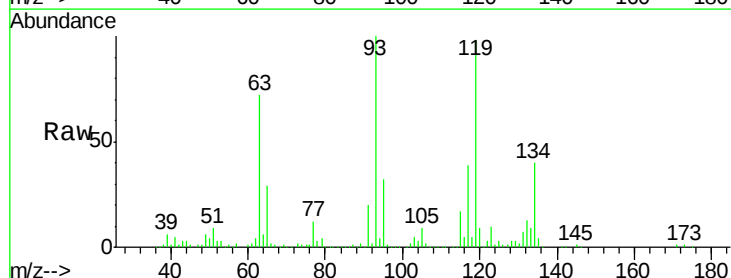
Manual Integrations
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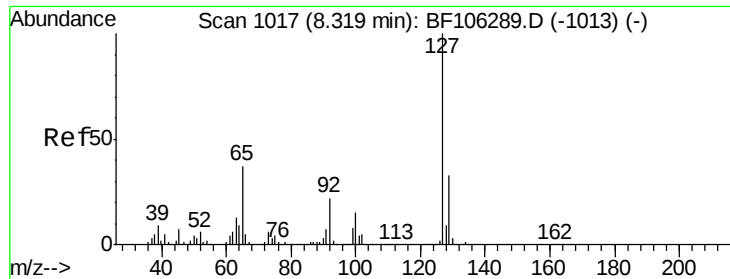
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#32
Benzoic acid
Concen: 11.513 ng
RT: 8.00 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	244.5	101.1	141.1#	
77	356.5	70.7	110.7#	





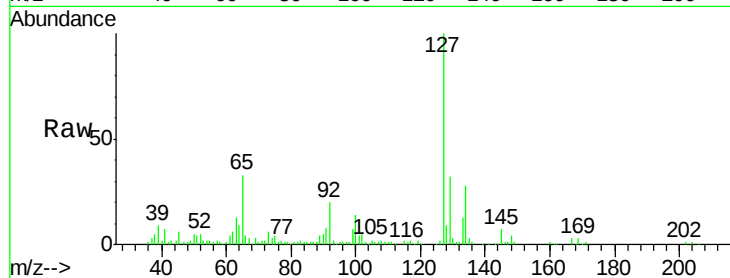
#33
4-Chloroaniline
Concen: 22.926 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.9	38.9		
65	32.7	25.0	37.4		
92	20.5	15.2	22.8		

Manual Integrations
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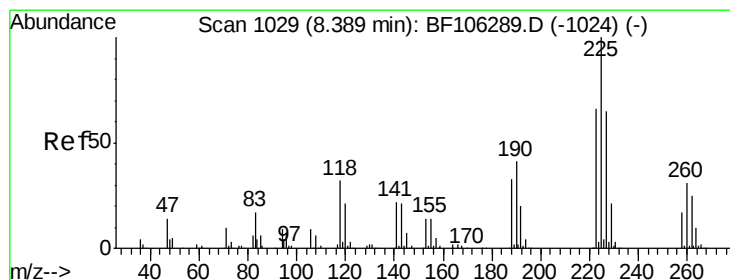
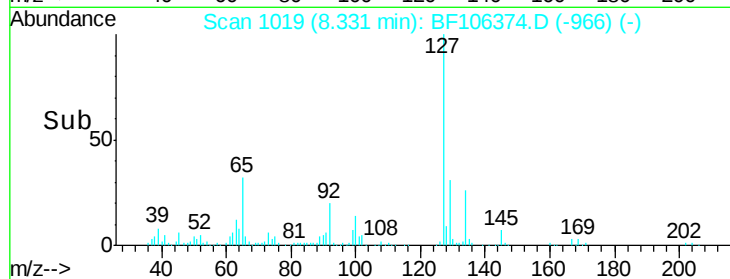
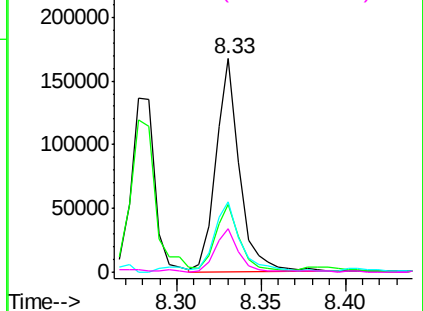
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 48.994 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

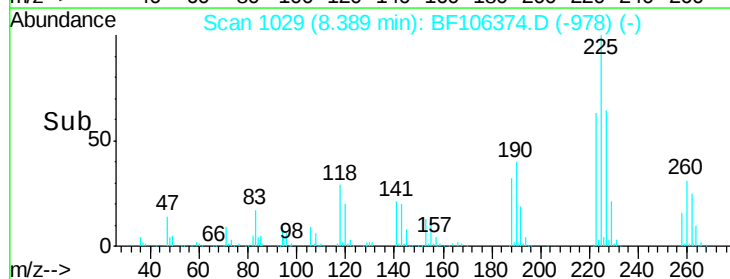
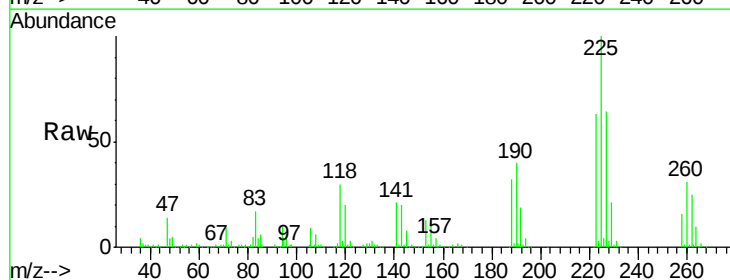
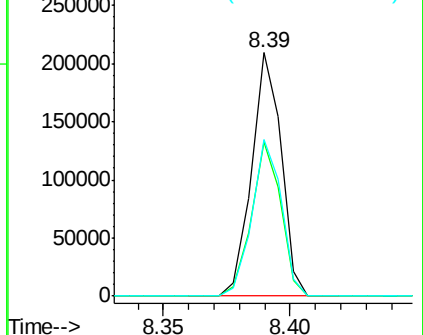
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.6	76.0		
227	64.2	51.9	77.9		

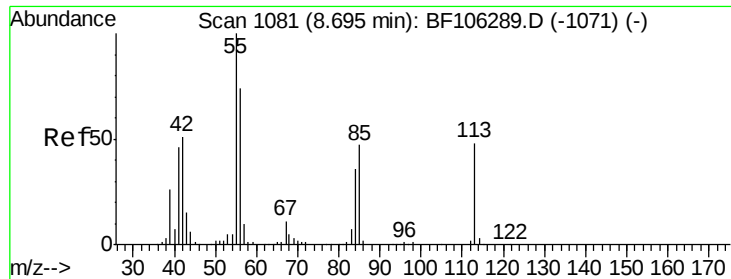
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





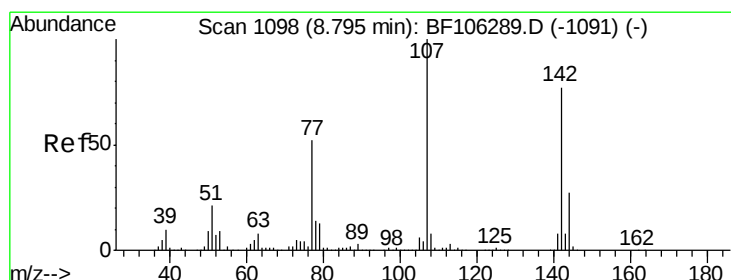
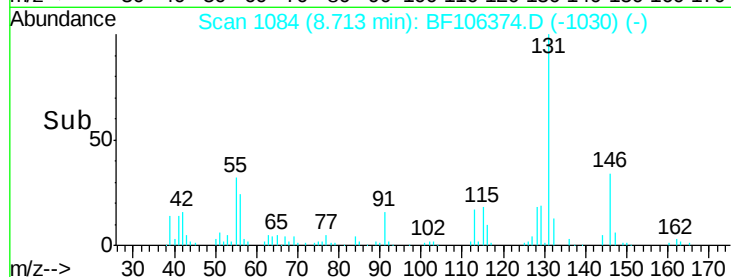
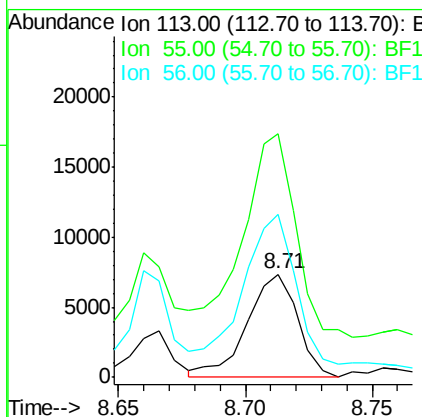
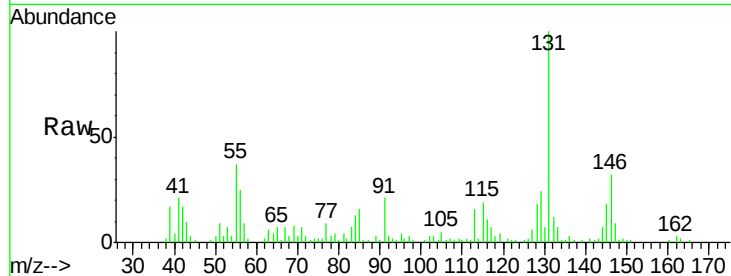
#35
Caprolactam
Concen: 6.279 ng
RT: 8.71 min Scan# 1084
Delta R.T. 0.02 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion:113 Resp: 10242
Ion Ratio Lower Upper
113 100
55 235.5 163.3 203.3#
56 157.2 115.7 155.7#

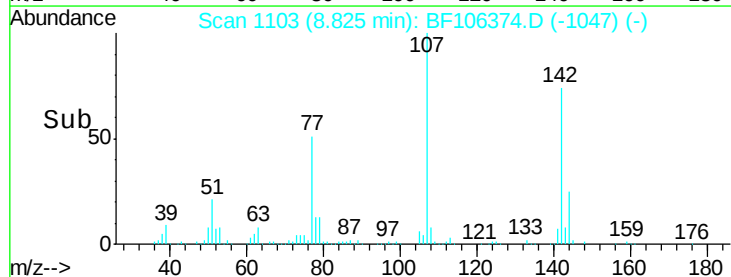
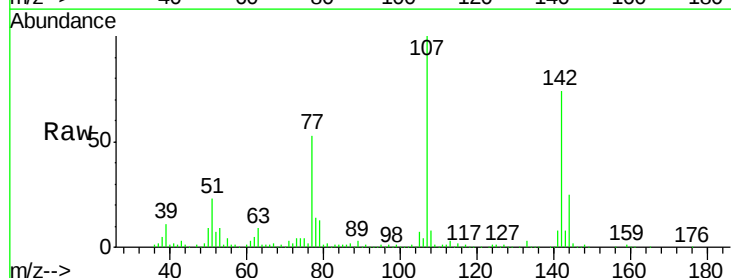
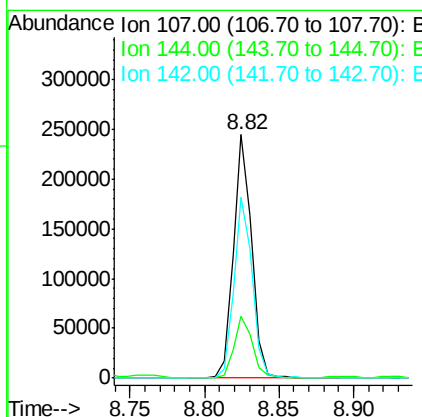
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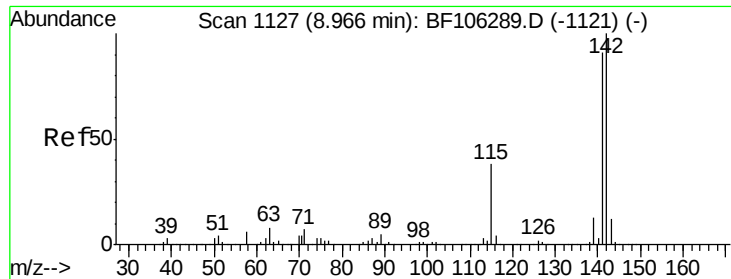
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#36
4-Chloro-3-methylphenol
Concen: 39.441 ng
RT: 8.82 min Scan# 1103
Delta R.T. 0.03 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion:107 Resp: 210404
Ion Ratio Lower Upper
107 100
144 25.4 20.5 30.7
142 74.2 62.0 93.0





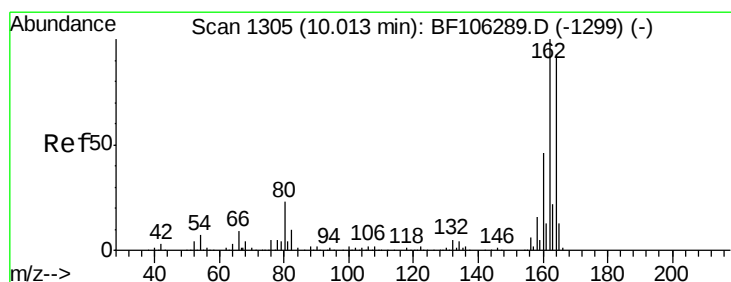
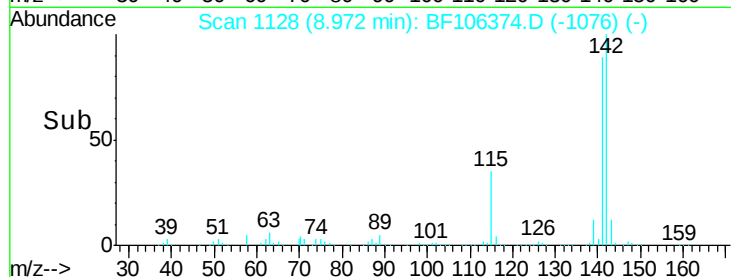
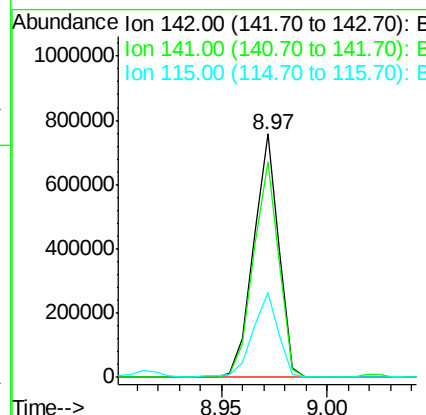
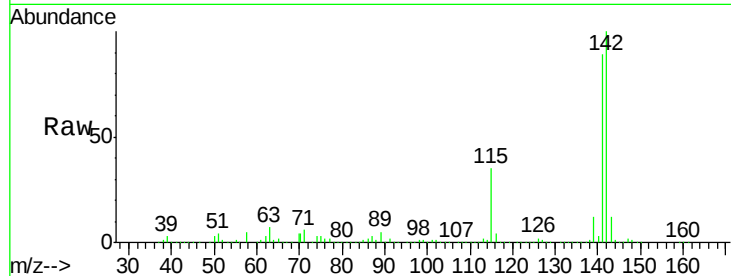
#37
2-Methylnaphthalene
Concen: 56.982 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	34.8	26.1	39.1

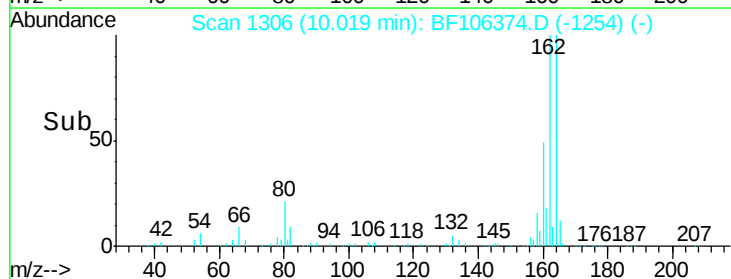
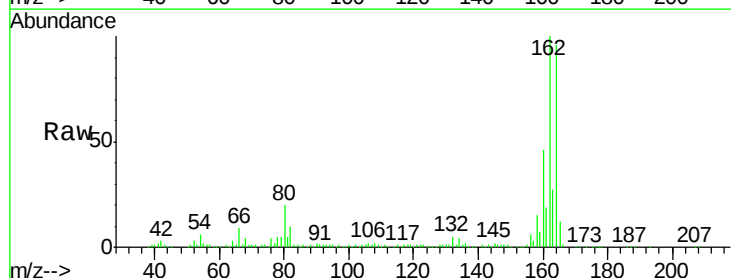
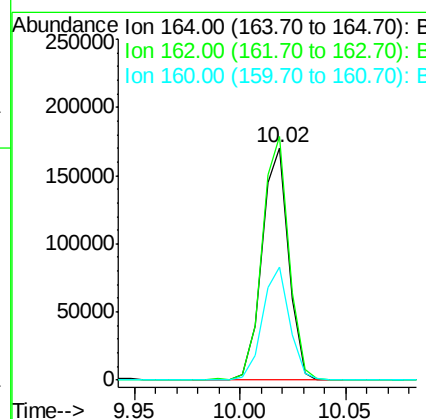
Manual Integrations
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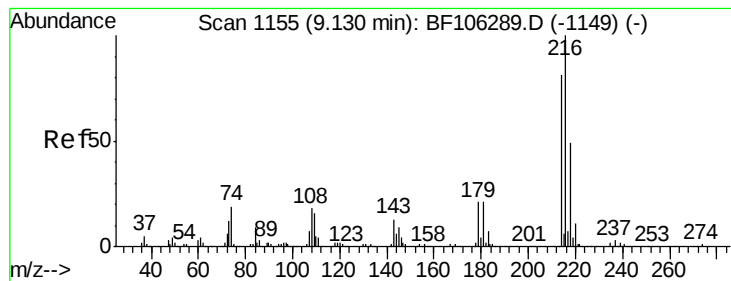
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	48.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.930 ng

RT: 9.14 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

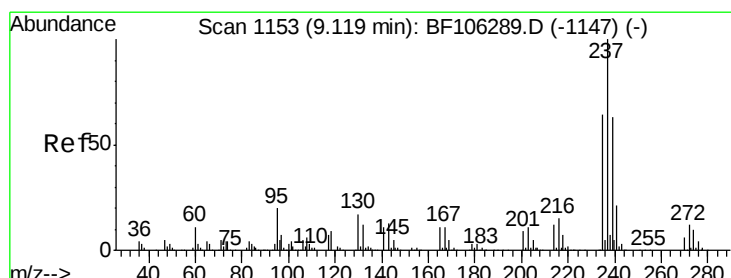
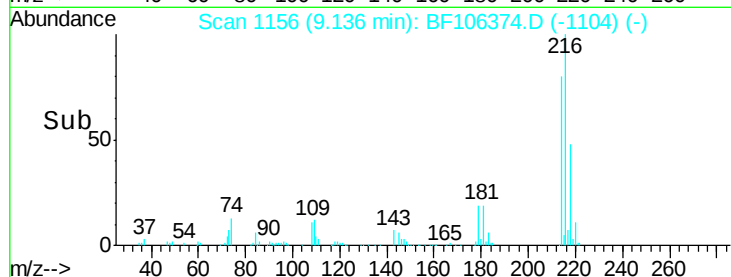
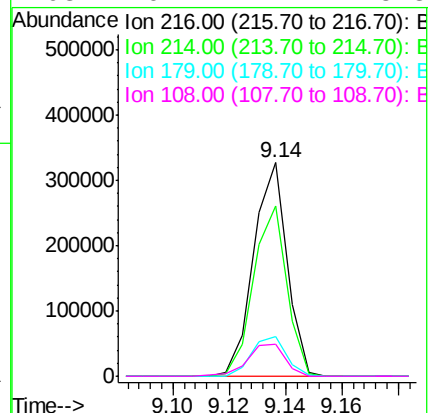
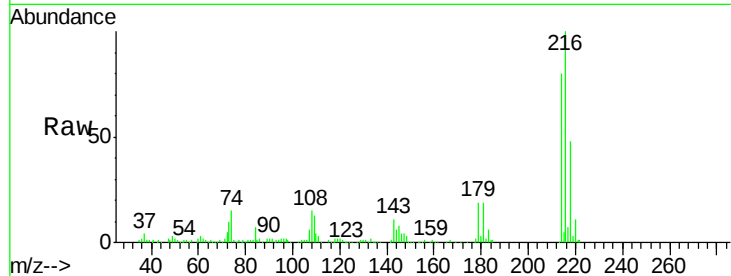
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		268803		
214	79.7		63.0	94.4	
179	19.6		18.1	27.1	
108	16.7		17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 19.695 ng

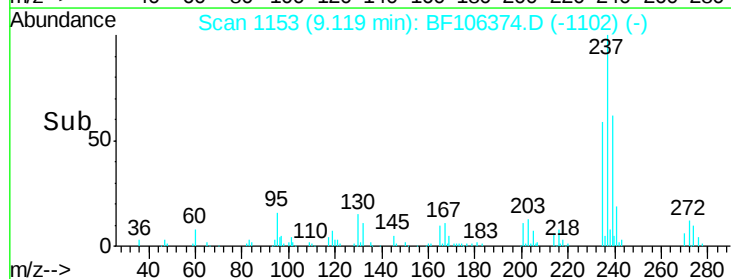
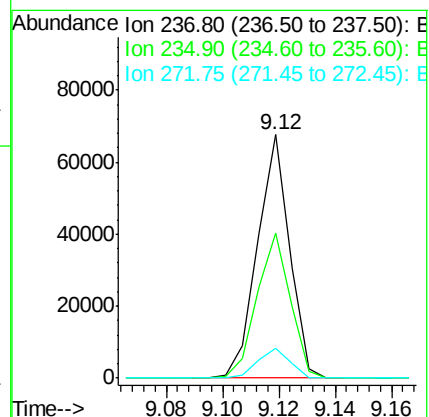
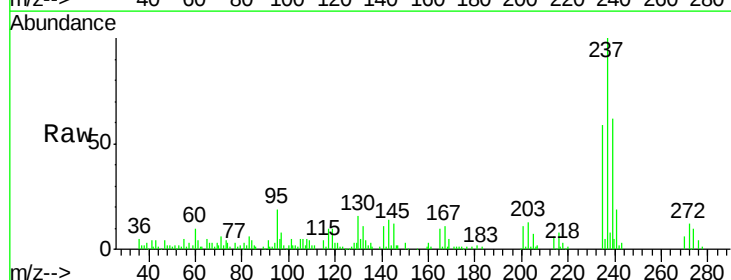
RT: 9.12 min Scan# 1153

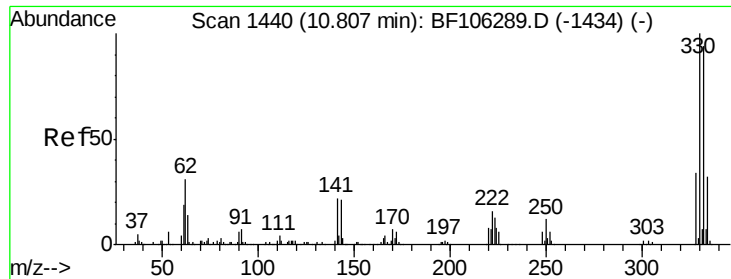
Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		53176		
235	59.4		44.8	84.8	
272	12.4		0.0	33.3	





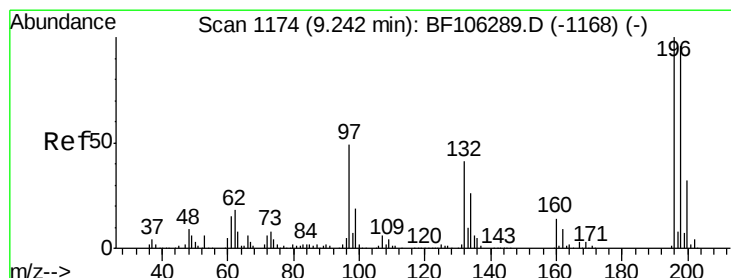
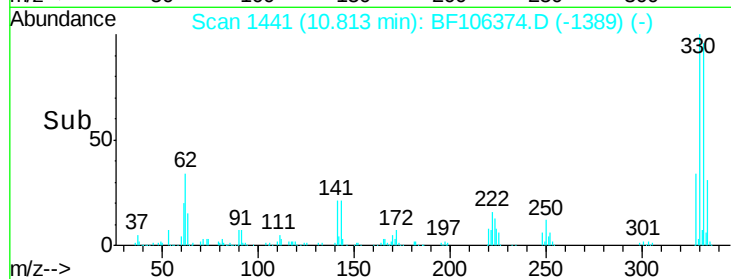
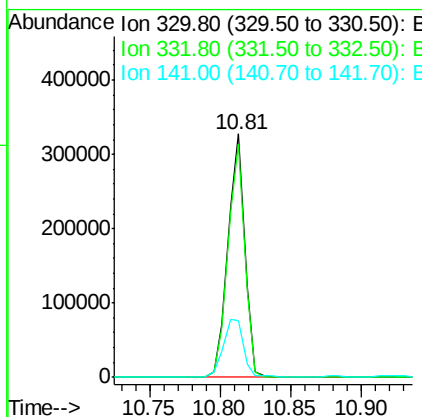
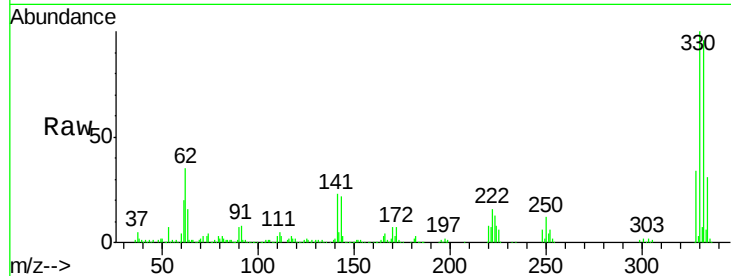
#41
 2,4,6-Tribromophenol
 Concen: 188.167 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	272919		
332	96.1	77.0	115.6	
141	29.1	29.9	44.9	

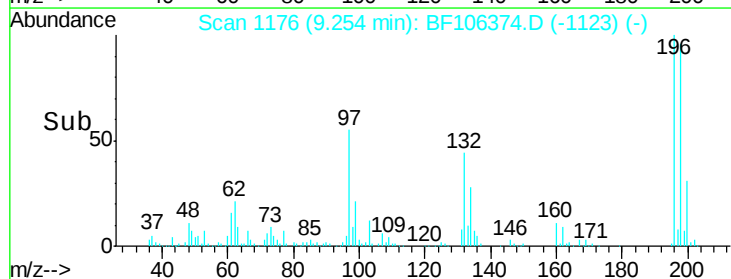
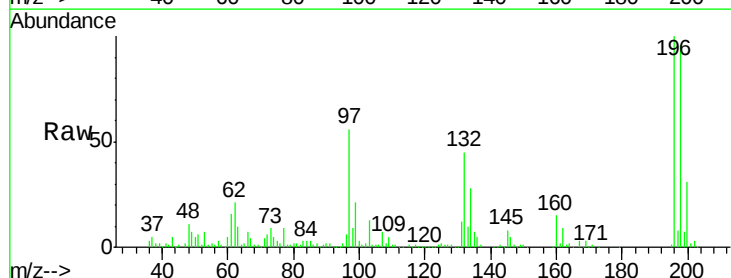
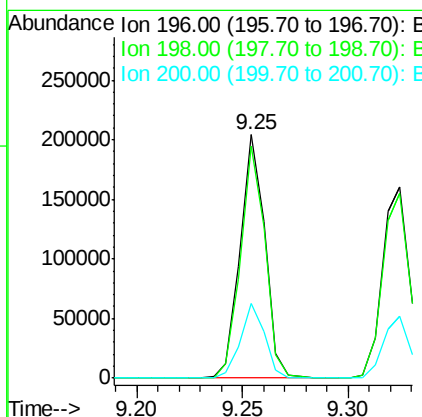
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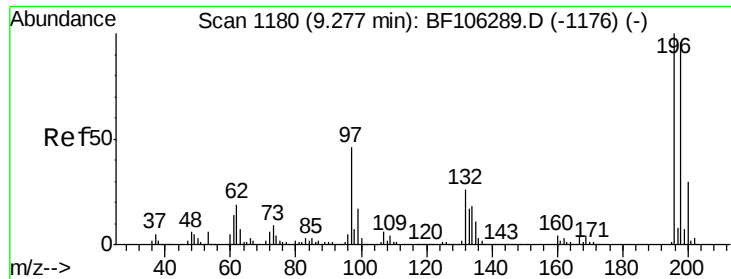
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#42
 2,4,6-Trichlorophenol
 Concen: 53.151 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165753		
198	95.6	75.7	113.5	
200	30.7	24.5	36.7	





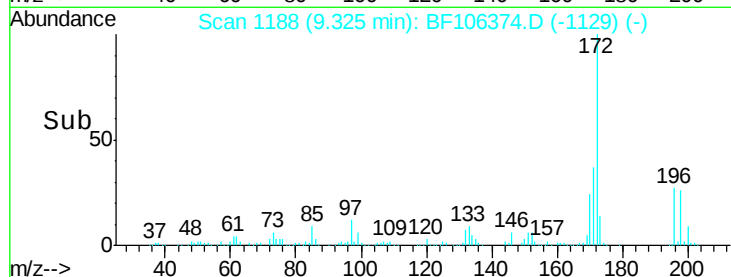
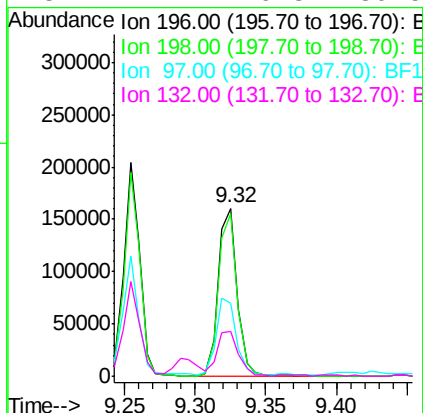
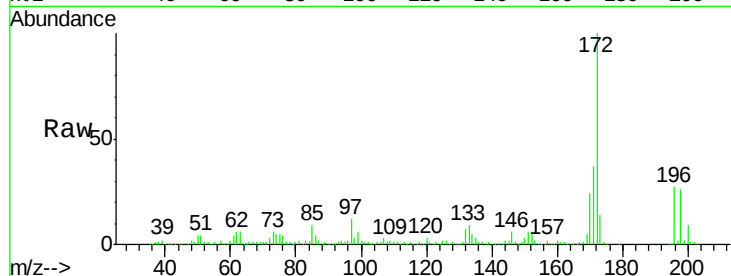
#43
 2,4,5-Trichlorophenol
 Concen: 44.015 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.05 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		147974		
198	96.6	74.6	112.0		
97	43.5	42.9	64.3		
132	27.1	26.3	39.5		

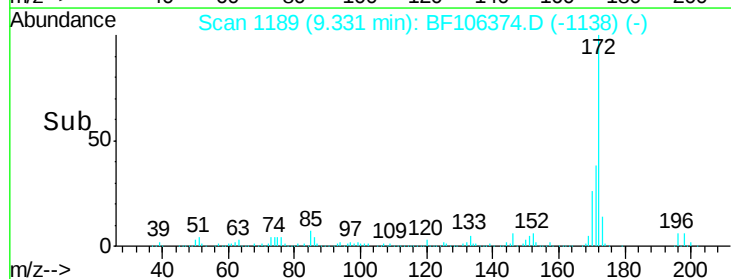
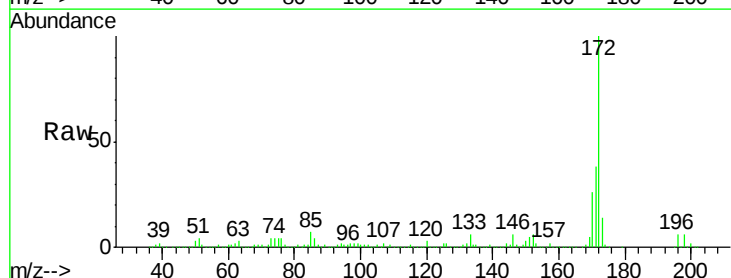
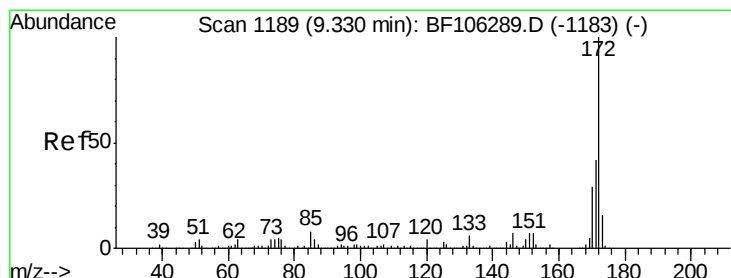
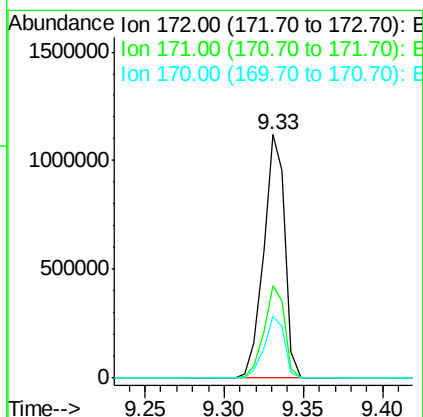
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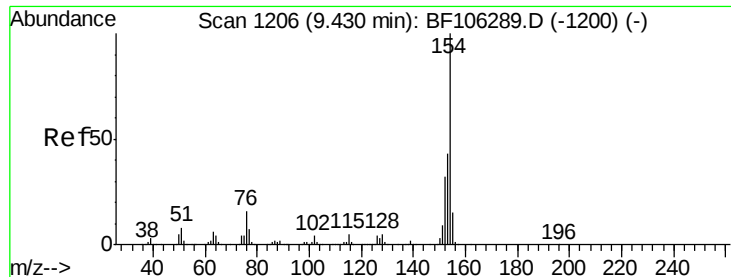
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 163.396 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1047245		
171	37.8	29.7	44.5		
170	25.6	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 53.349 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

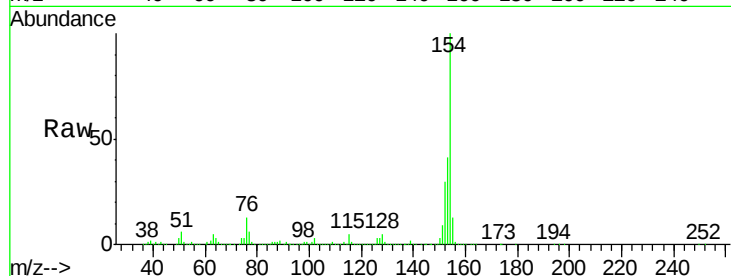
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

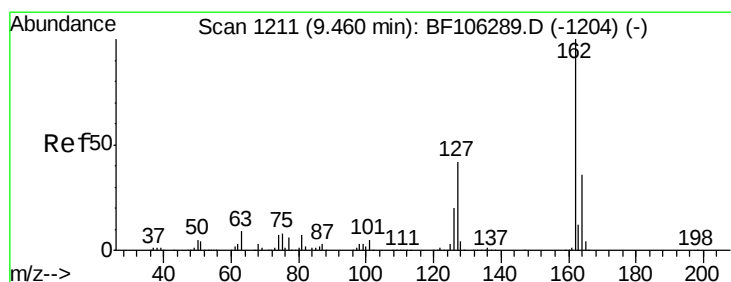
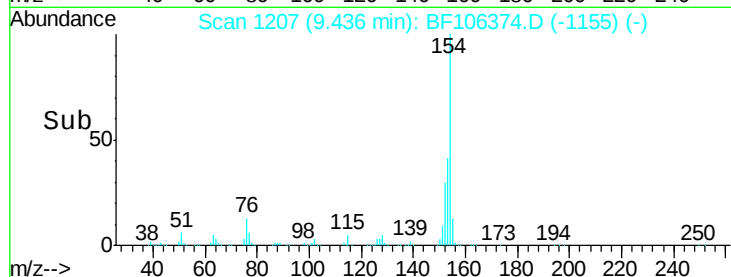
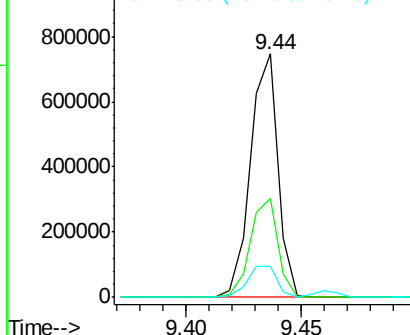
Tot Ion:	154	Resp:	622895
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	12.7	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 51.253 ng

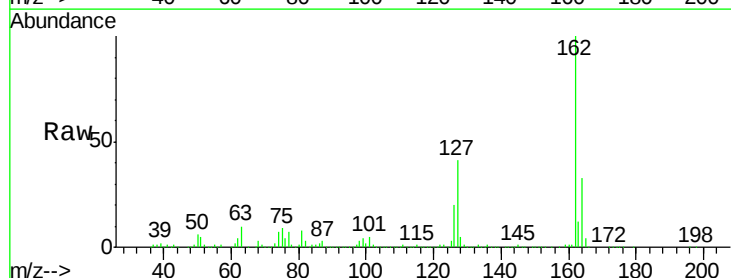
RT: 9.46 min Scan# 1211

Delta R.T. 0.00 min

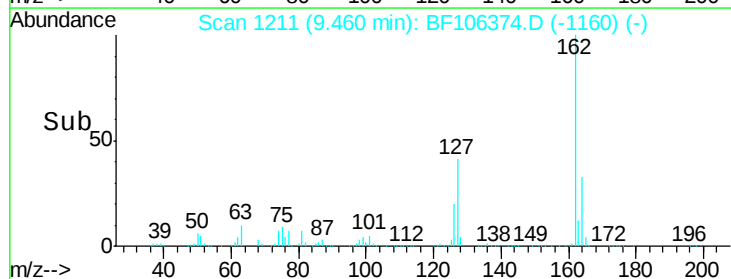
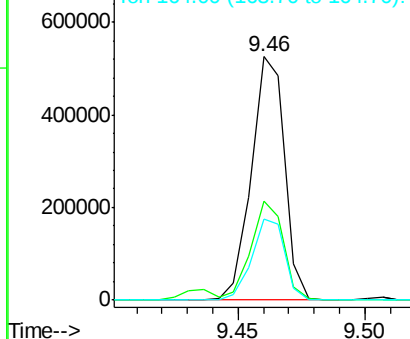
Lab File: BF106374.D

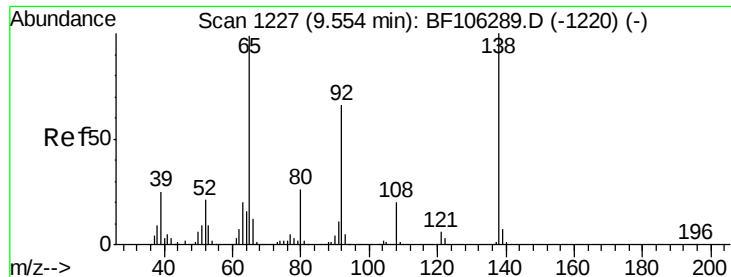
Acq: 13 Jun 2018 5:45

Tgt Ion:	162	Resp:	478893
Ion Ratio	Lower	Upper	
162	100		
127	40.8	33.9	50.9
164	33.1	26.5	39.7



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





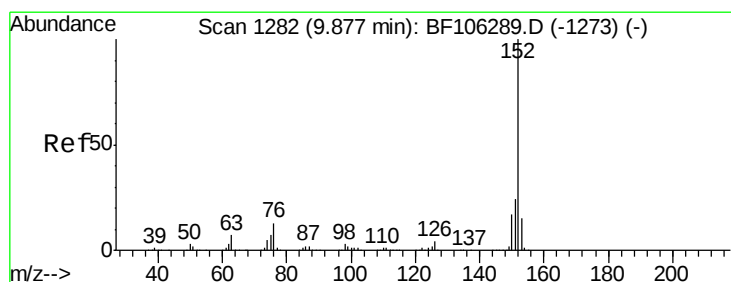
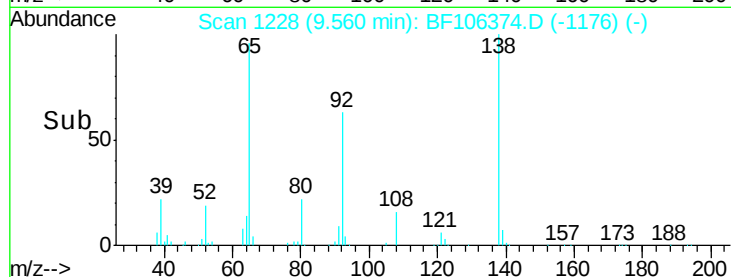
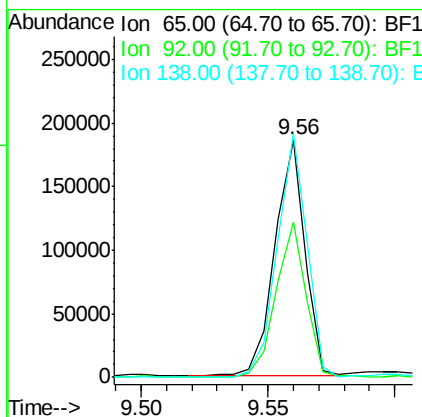
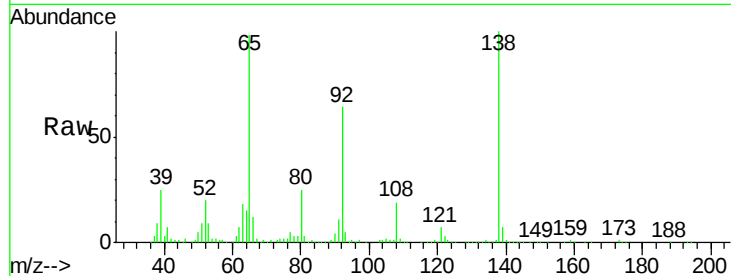
#47
2-Nitroaniline
Concen: 52.787 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	55.8	83.6
138	102.5	91.2	136.8

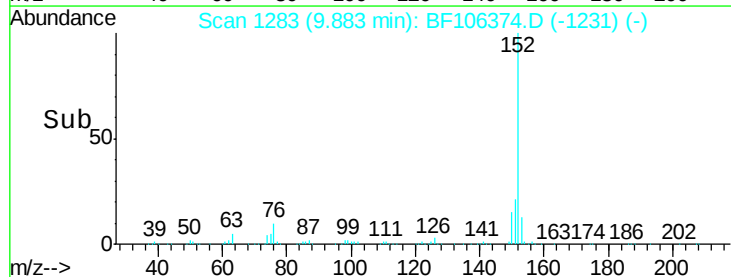
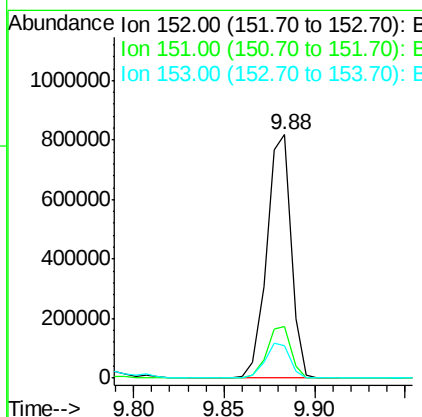
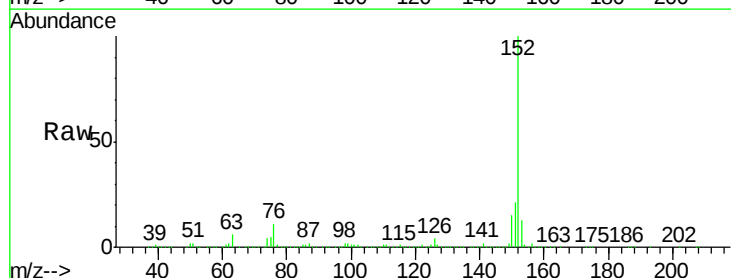
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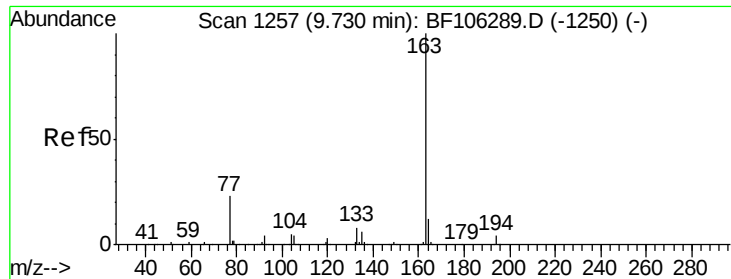
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#48
Acenaphthylene
Concen: 53.290 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.5	10.7	16.1





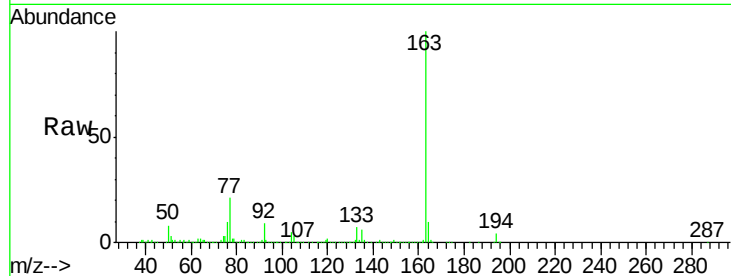
#49
Dimethylphthalate
Concen: 59.053 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	635982		
194	3.9	2.7	4.1	
164	10.3	8.2	12.2	

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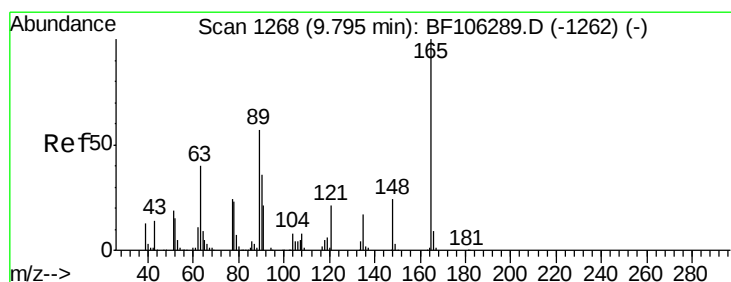
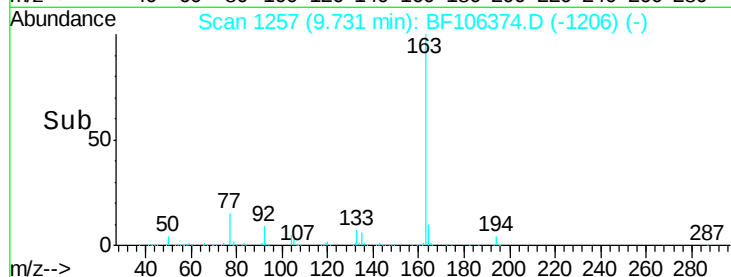
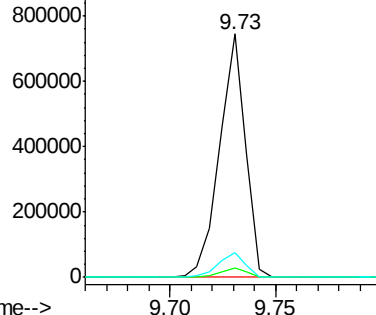


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 51.220 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

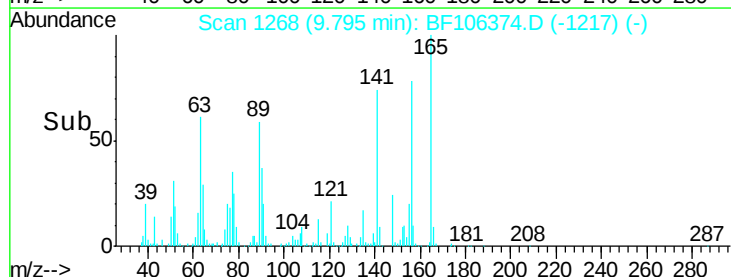
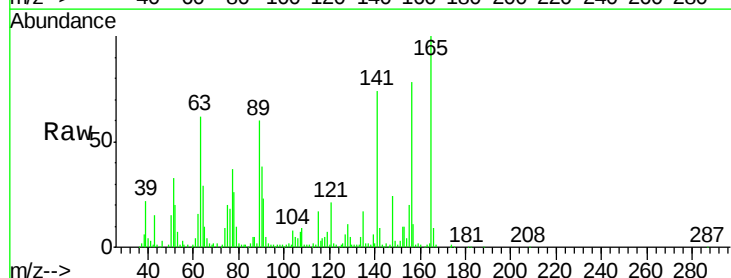
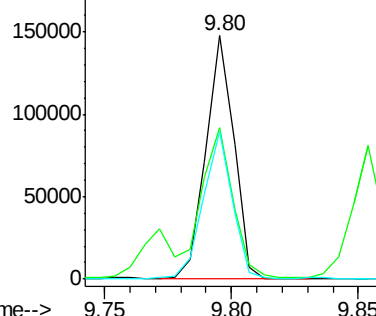
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	112680		
63	62.5	44.7	67.1	
89	60.4	44.0	66.0	

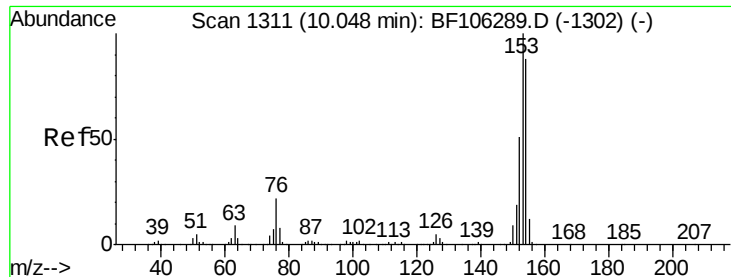
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 52.830 ng

RT: 10.05 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

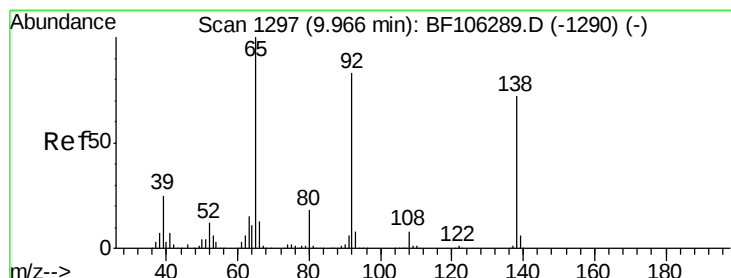
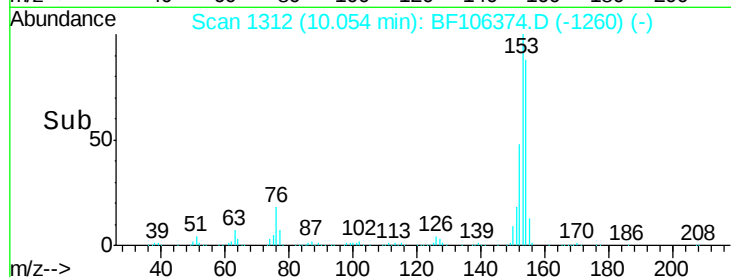
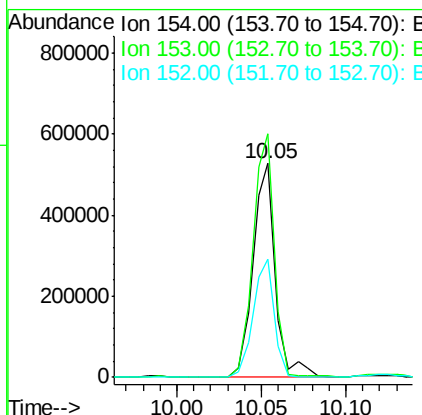
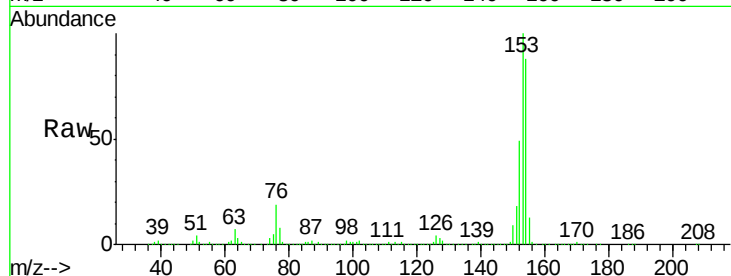
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	154	Resp:	487947
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.2	136.8
152	55.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 35.770 ng

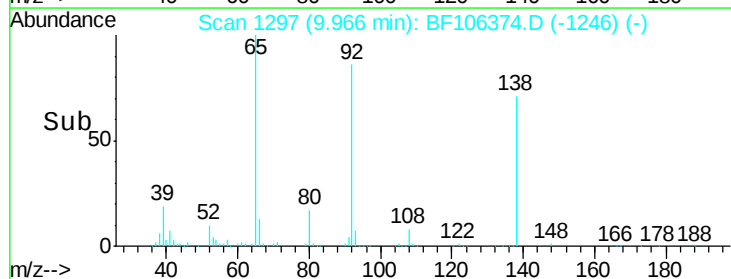
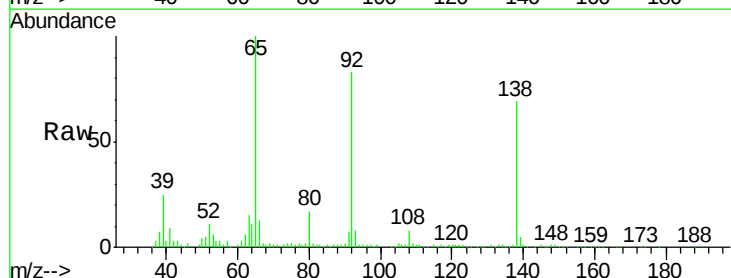
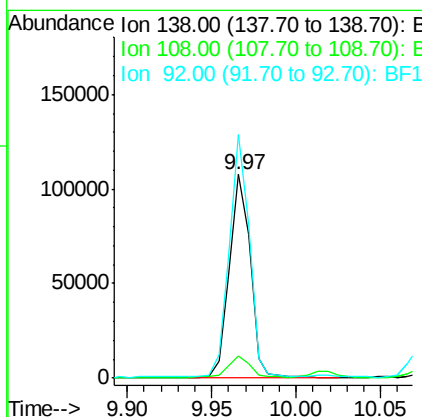
RT: 9.97 min Scan# 1297

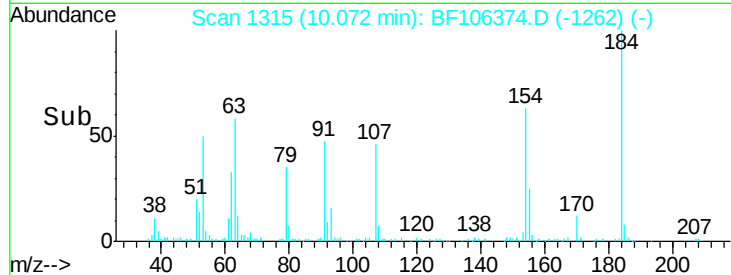
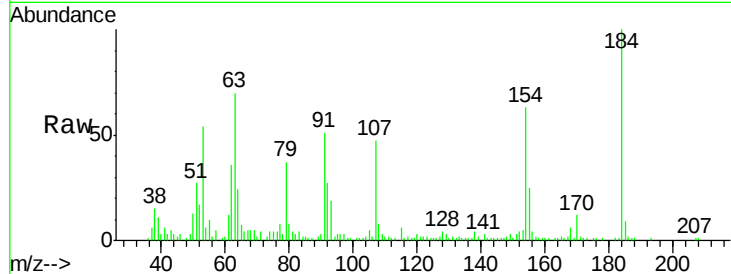
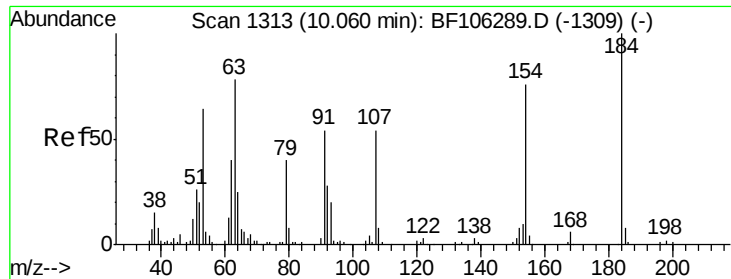
Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	138	Resp:	93396
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	119.4	89.4	134.2





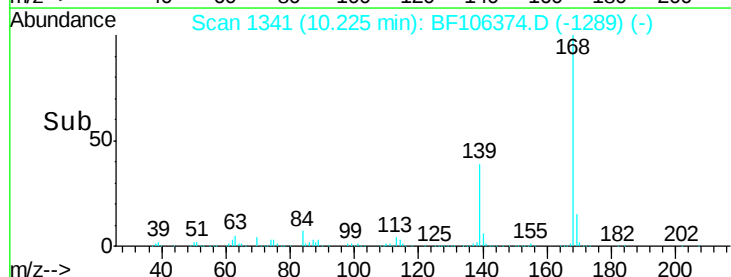
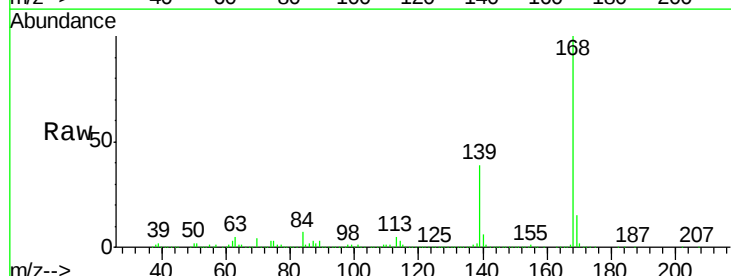
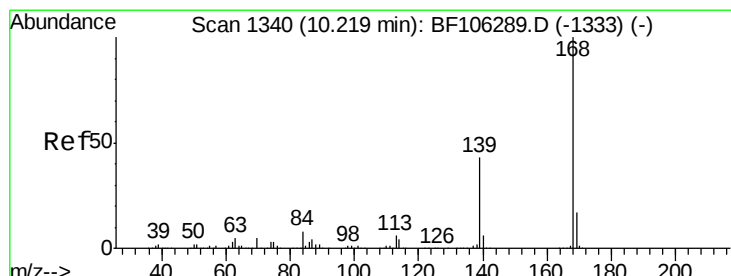
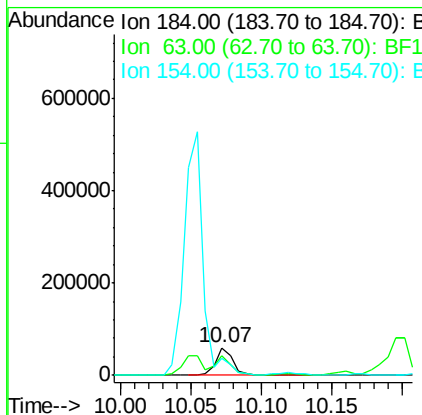
#53
2,4-Dinitrophenol
Concen: 53.415 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.8	54.2	81.2	
154	63.1	184.0	276.0	

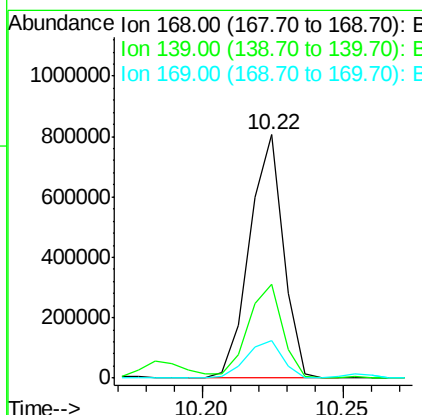
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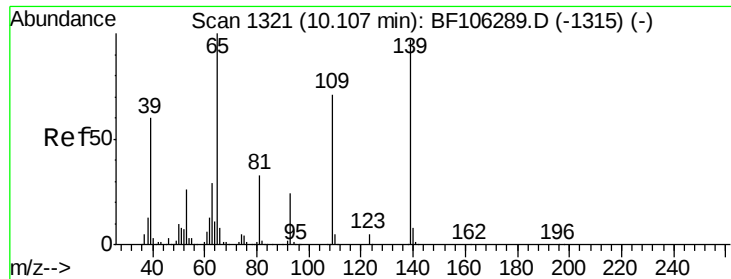
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#54
Dibenzofuran
Concen: 53.678 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.5	30.1	45.1	
169	15.2	10.9	16.3	





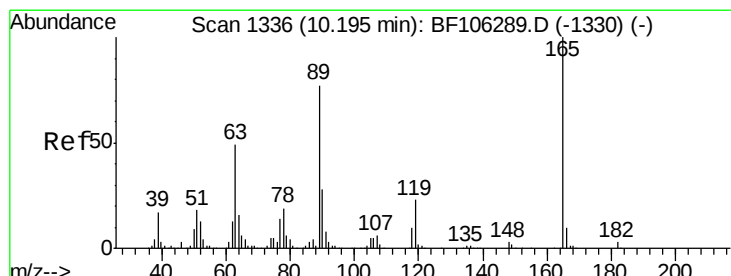
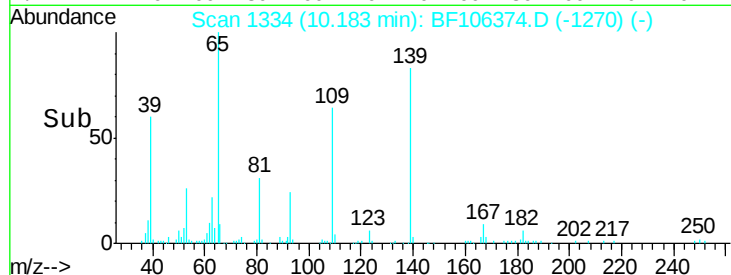
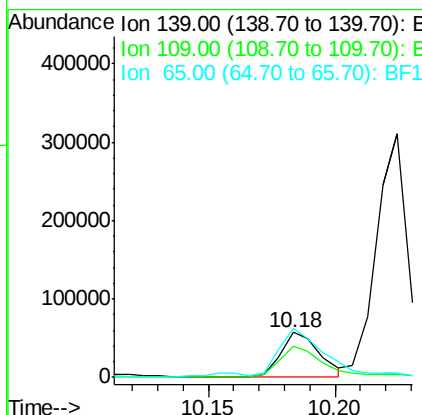
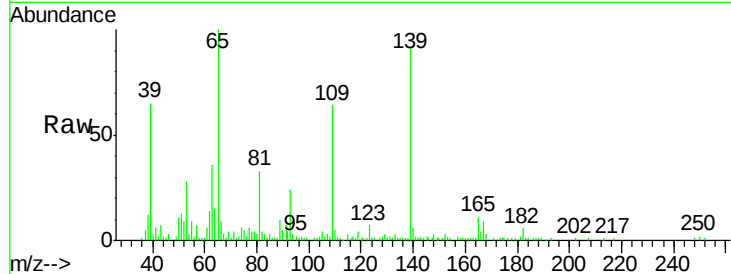
#55
4-Nitrophenol
Concen: 31.370 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.08 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.5	48.4	88.4
65	109.4	72.6	112.6

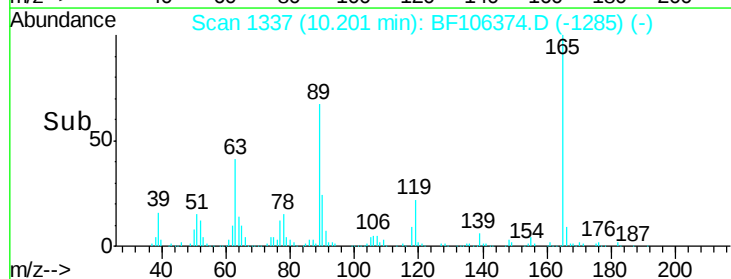
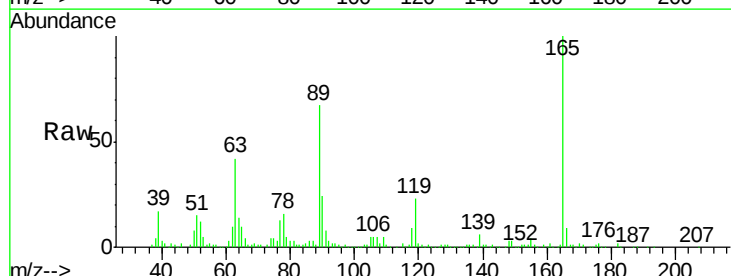
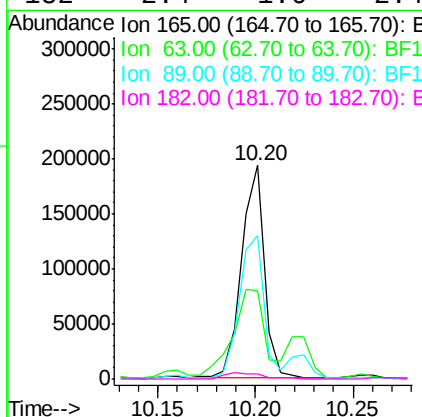
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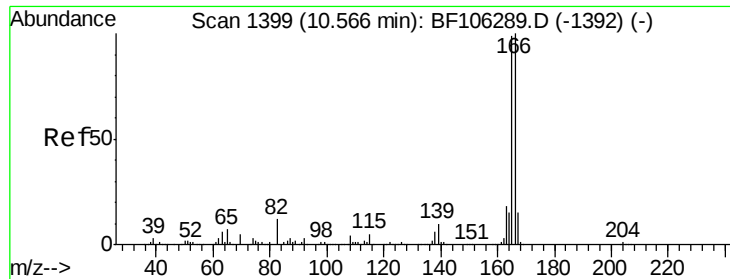
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#56
2,4-Dinitrotoluene
Concen: 56.901 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.5	36.4	54.6
89	67.2	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 56.414 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

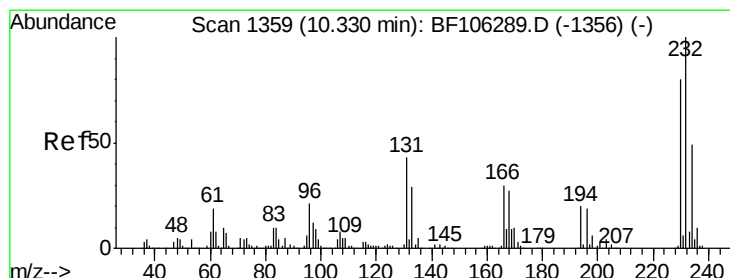
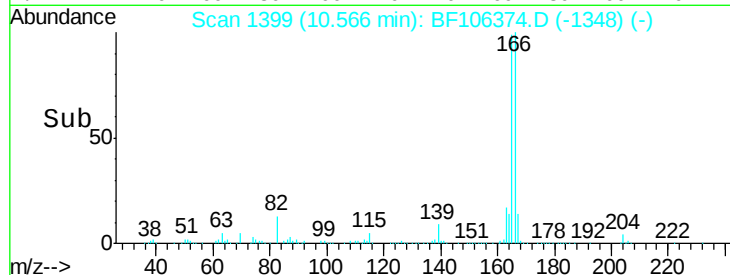
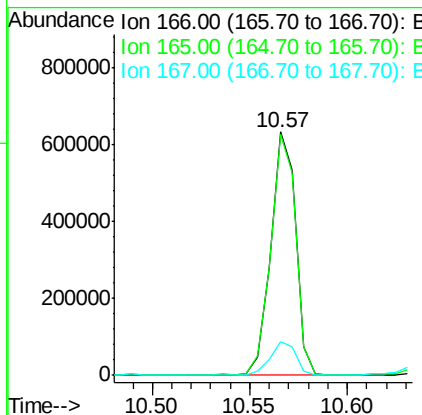
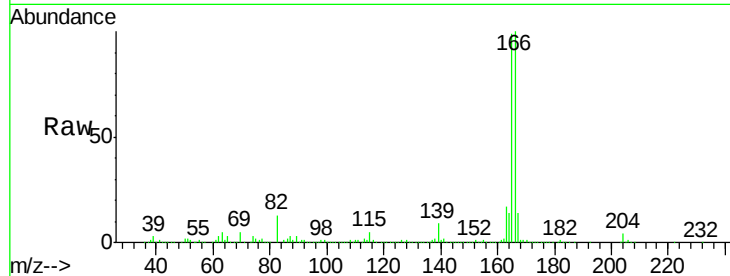
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	166	Resp:	555907
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.8	119.8
167	14.0	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 57.769 ng

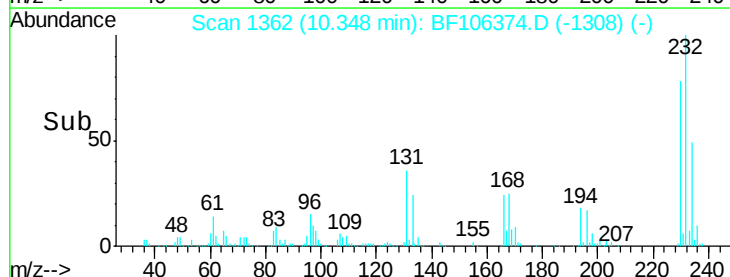
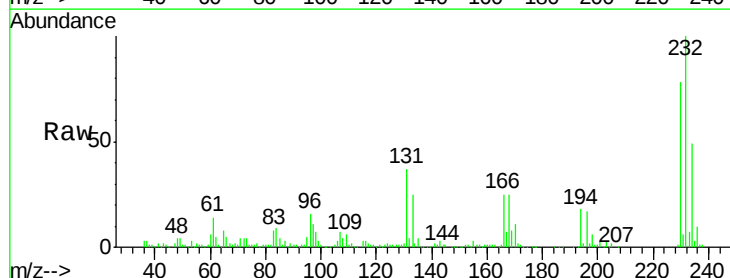
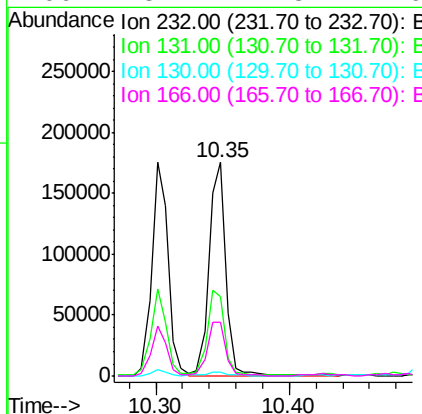
RT: 10.35 min Scan# 1362

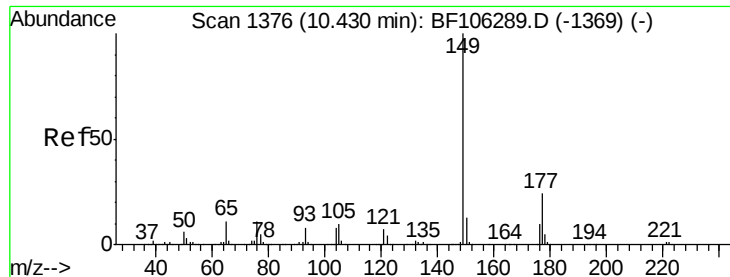
Delta R.T. 0.02 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	232	Resp:	153932
Ion Ratio	Lower	Upper	
232	100		
131	40.3	43.8	65.8#
130	3.3	2.1	3.1#
166	28.1	27.8	41.6





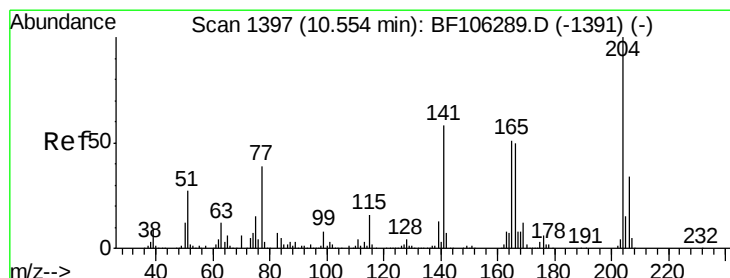
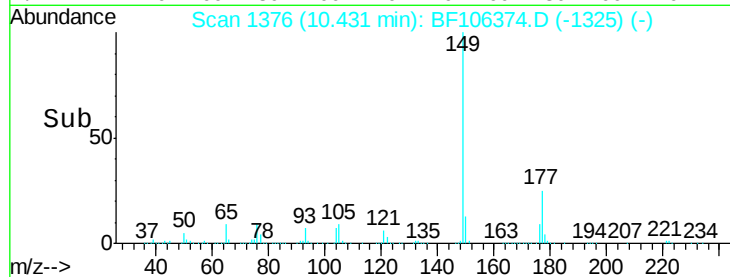
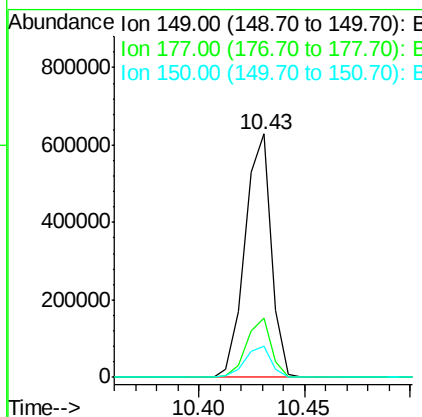
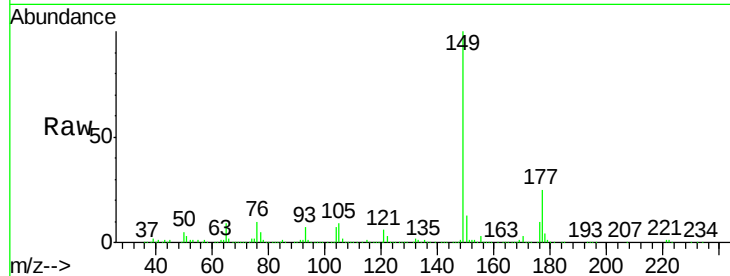
#59
Diethylphthalate
Concen: 50.442 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.5	16.1	24.1#
150	12.9	10.1	15.1

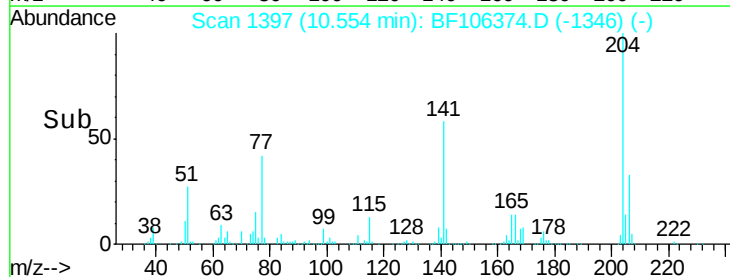
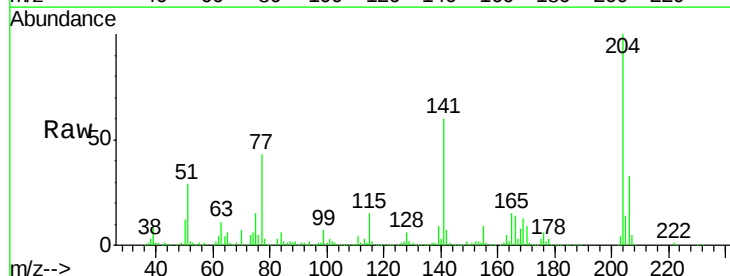
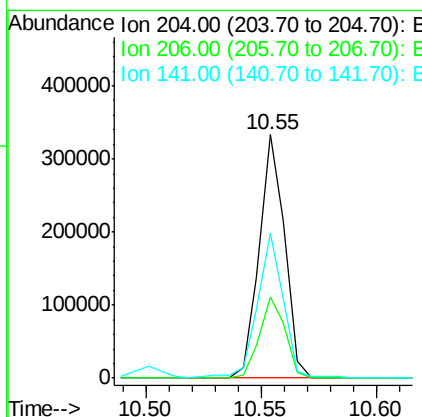
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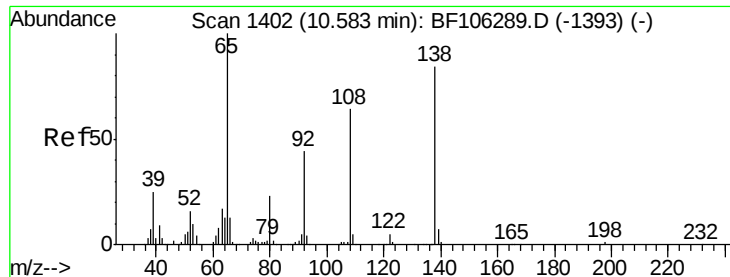
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#60
4-Chlorophenyl-phenylether
Concen: 49.482 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	59.7	54.6	81.8





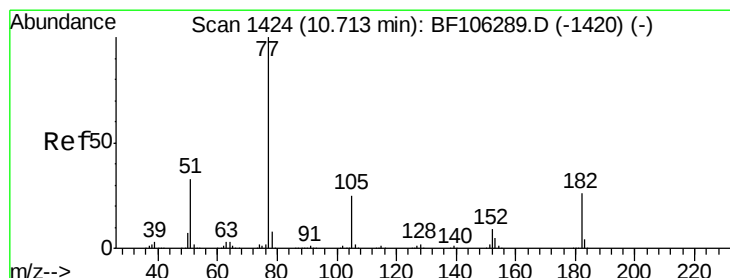
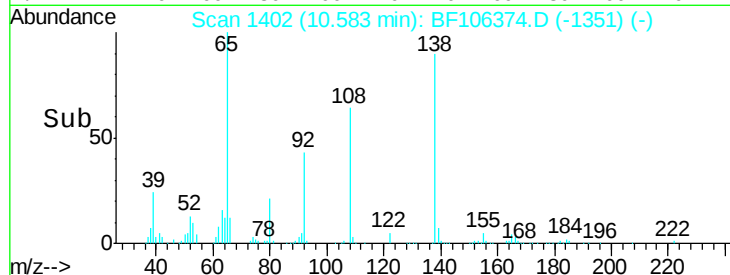
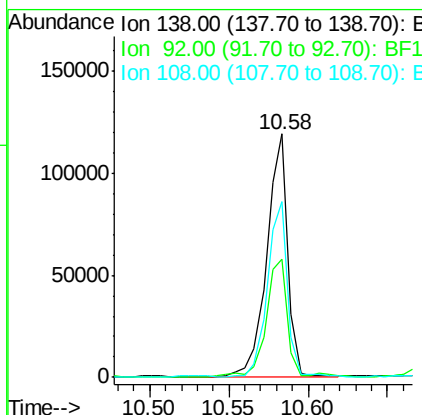
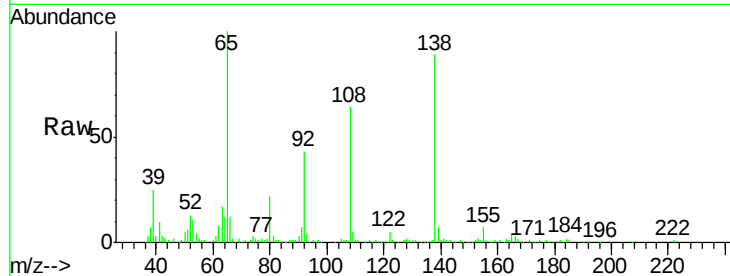
#61
4-Nitroaniline
Concen: 43.940 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.2	70.2
108	72.0	52.5	92.5

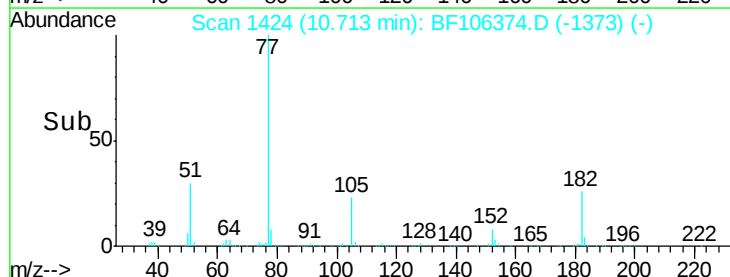
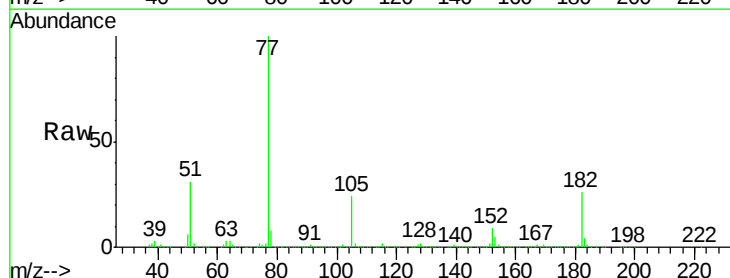
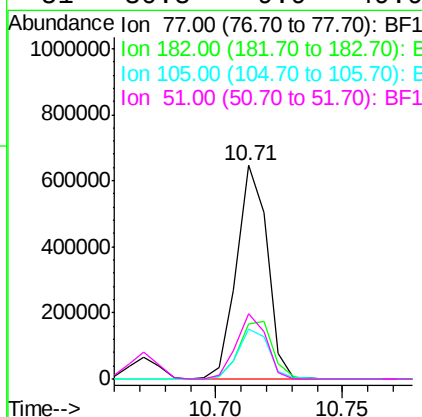
Manual Integrations
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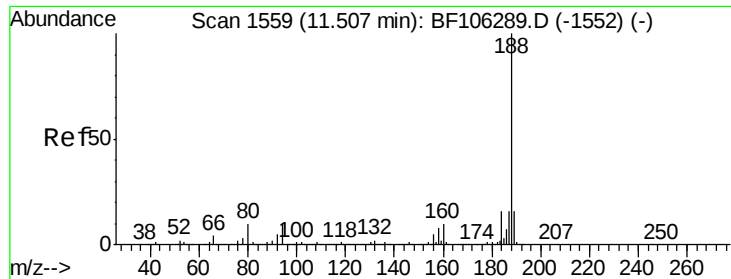
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#62
Azobenzene
Concen: 48.416 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	1.7	41.7
105	23.6	3.0	43.0
51	30.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

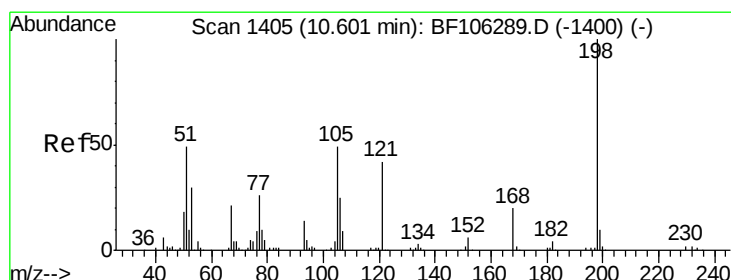
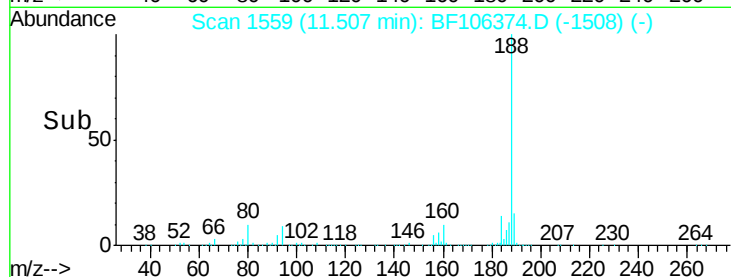
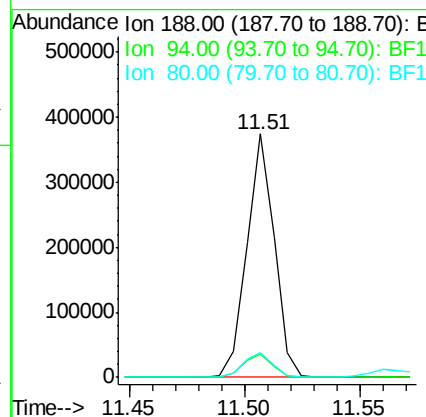
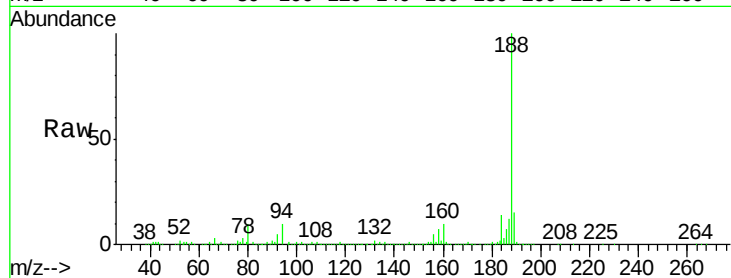
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	188	Resp:	310625
Ion Ratio		Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.1	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 27.471 ng

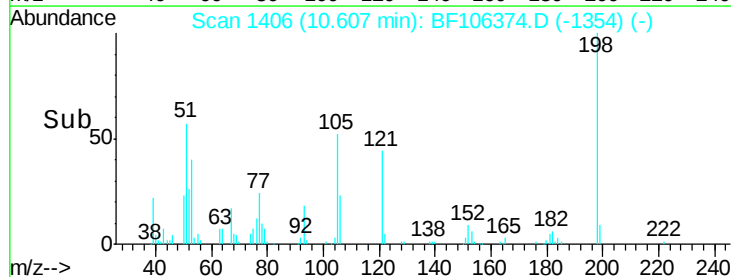
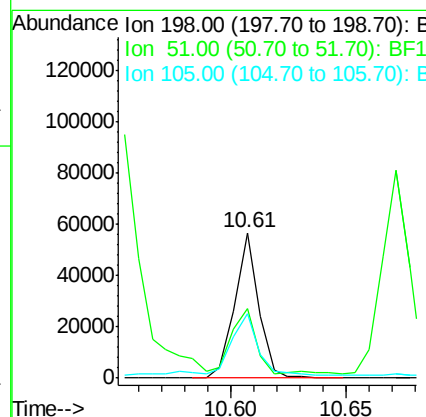
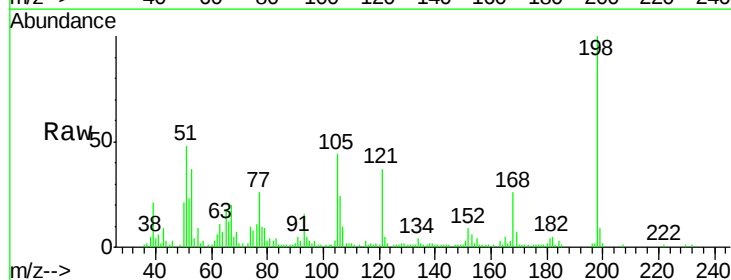
RT: 10.61 min Scan# 1406

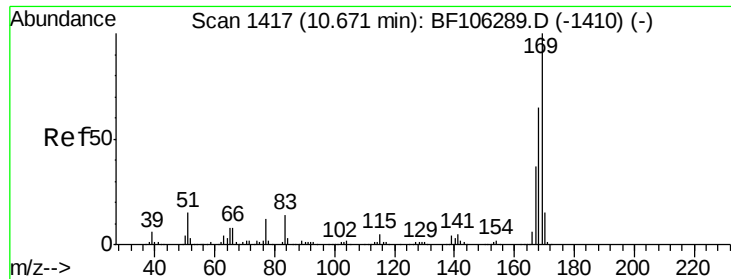
Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	198	Resp:	40840
Ion Ratio		Lower	Upper
198	100		
51	47.8	37.7	77.7
105	44.4	36.3	76.3





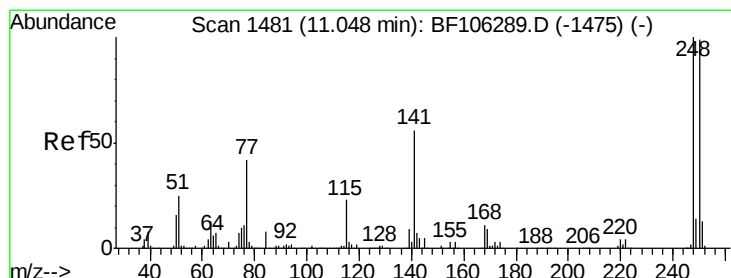
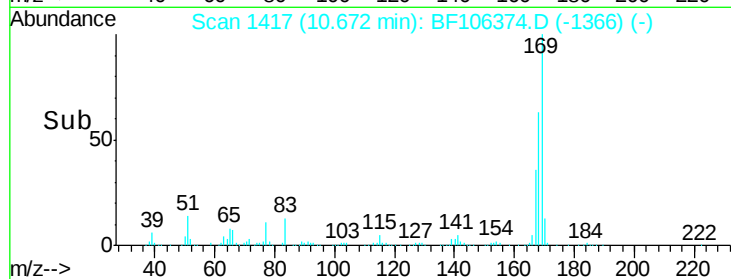
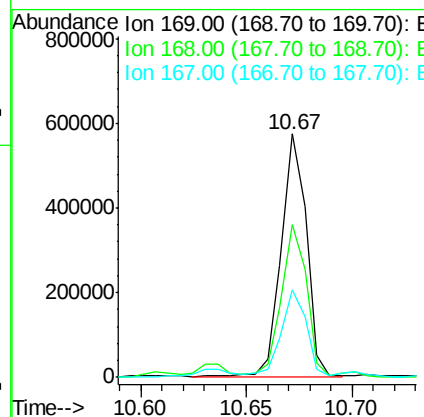
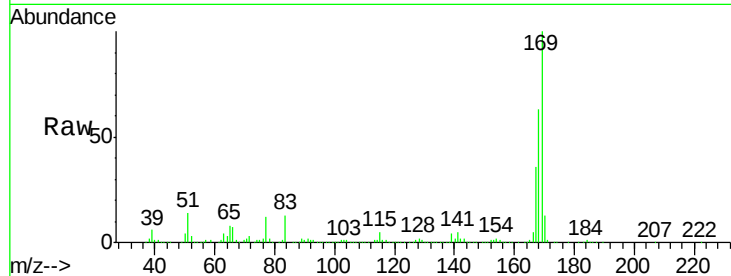
#65
n-Nitrosodiphenylamine
Concen: 45.418 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	474145		
168	62.8		54.4	81.6
167	35.8		29.8	44.6

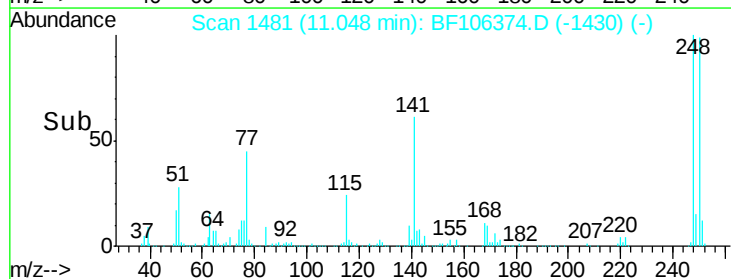
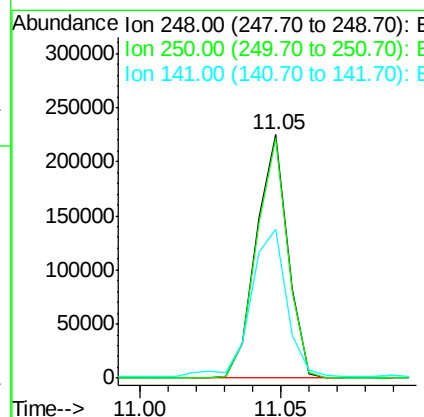
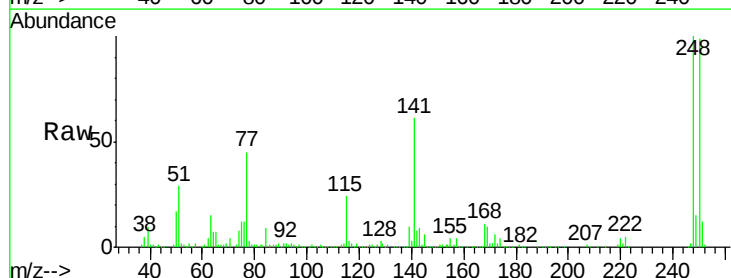
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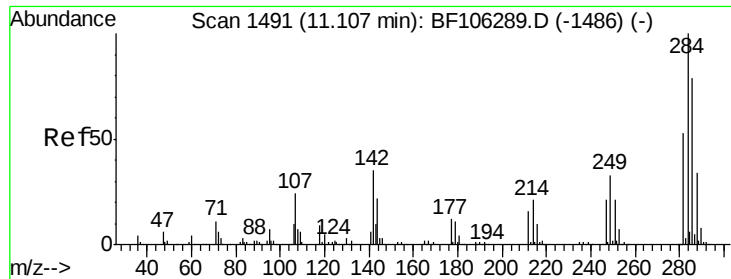
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#66
4-Bromophenyl-phenylether
Concen: 49.293 ng
RT: 11.05 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	174151		
250	98.5		76.9	115.3
141	61.1		74.4	111.6#





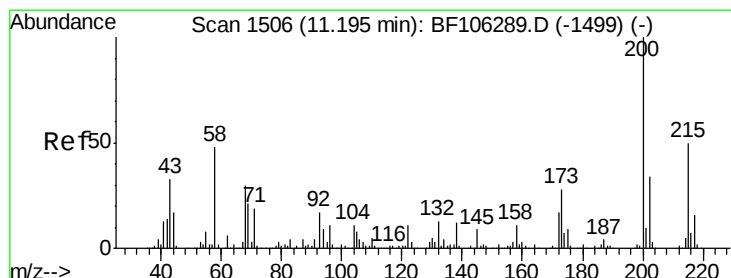
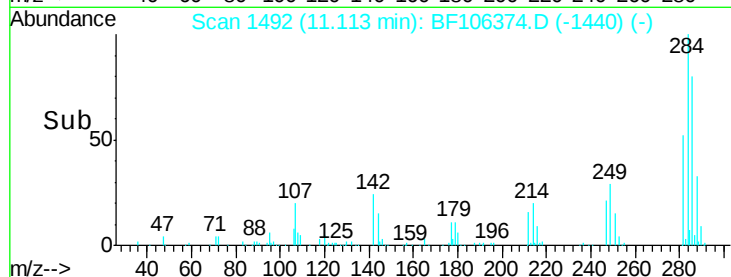
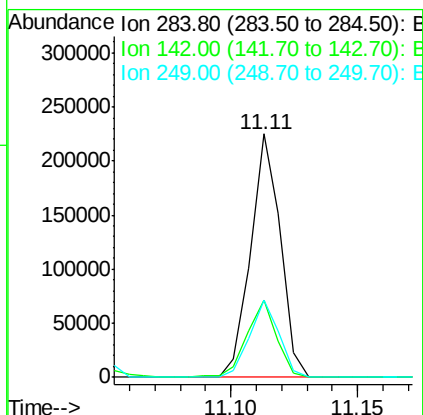
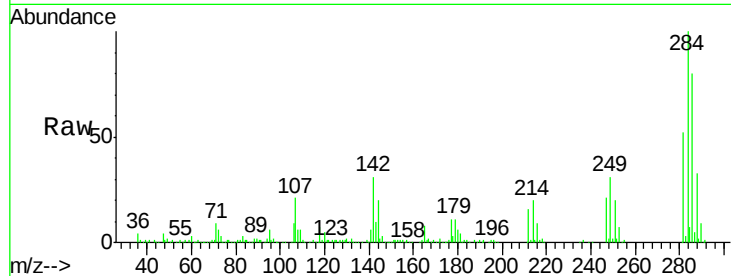
#67
Hexachlorobenzene
Concen: 50.231 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	182959		
142	31.5	34.6	52.0	
249	31.5	24.8	37.2	

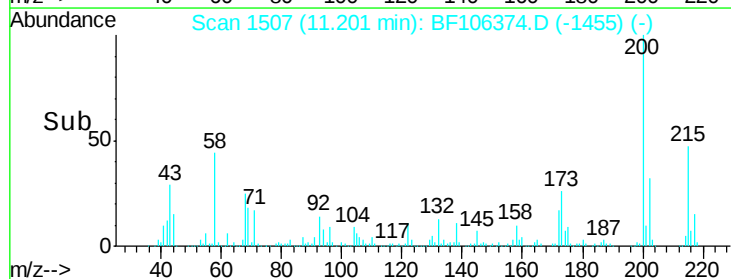
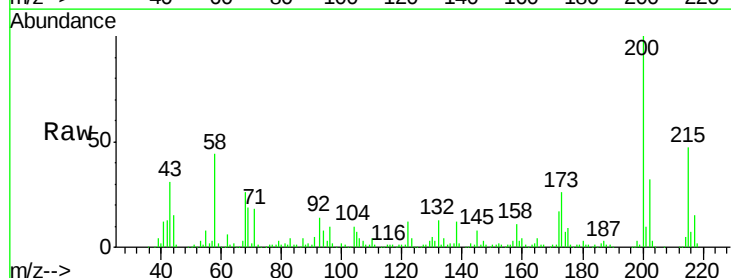
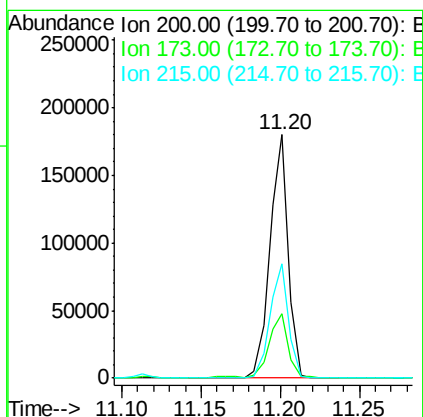
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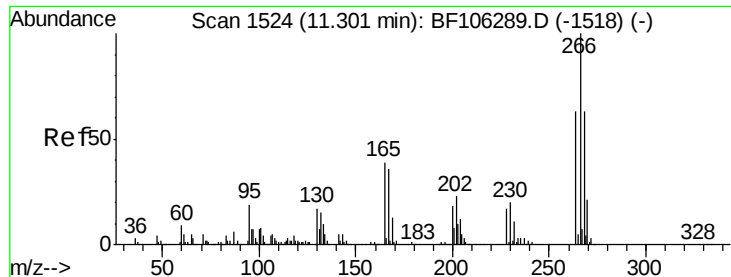
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#68
Atrazine
Concen: 45.400 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	146060		
173	26.5	8.6	48.6	
215	47.1	25.1	65.1	





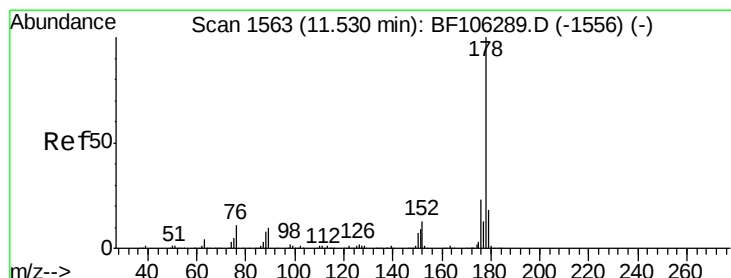
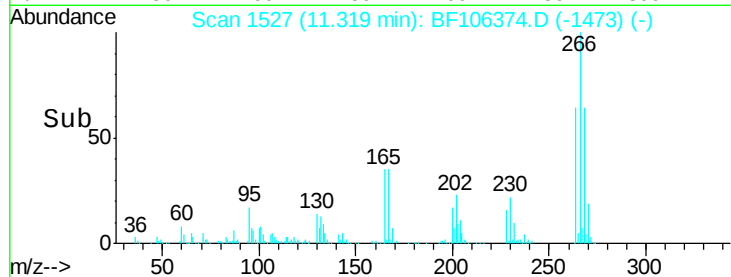
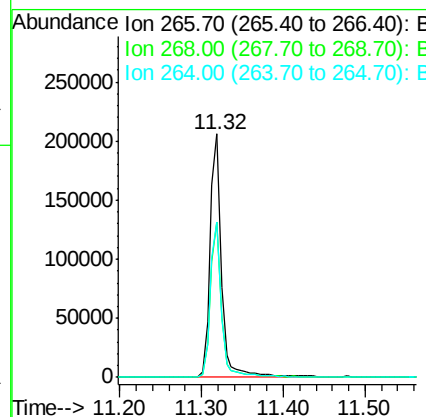
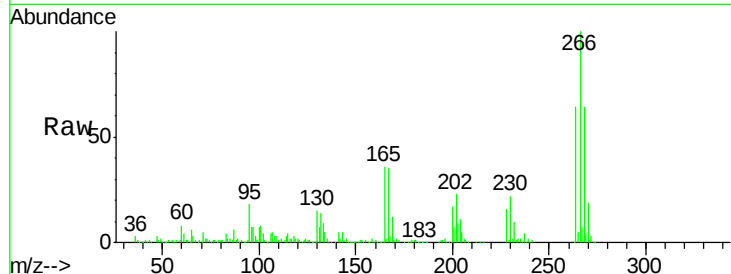
#69
 Pentachlorophenol
 Concen: 90.116 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.02 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	202082		
268	63.9	51.1	76.7	
264	63.8	49.5	74.3	

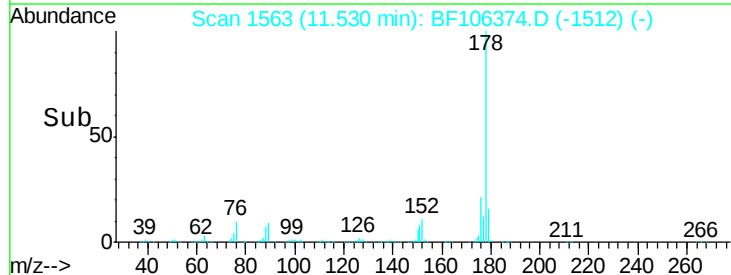
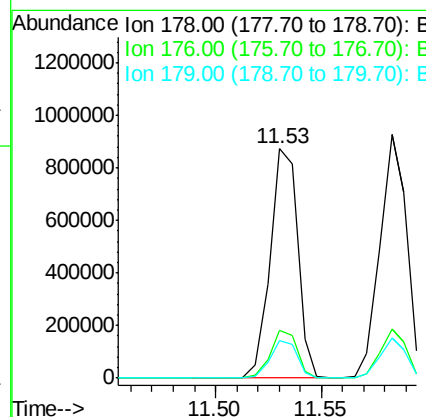
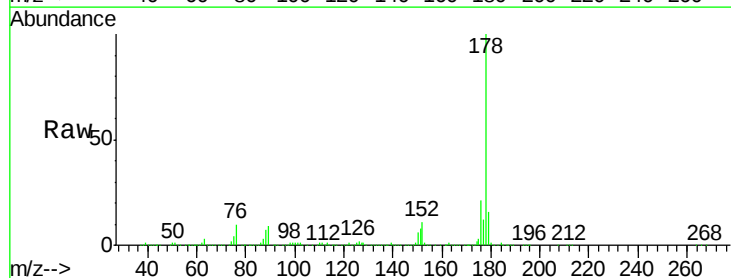
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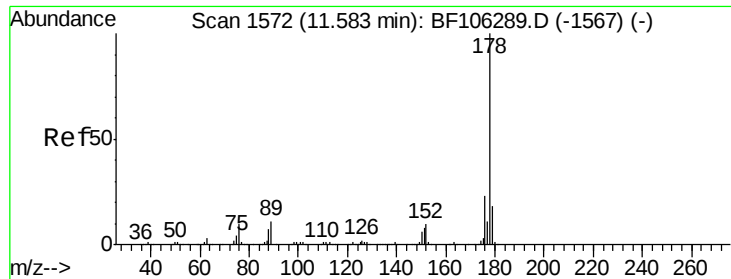
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#70
 Phenanthrene
 Concen: 52.370 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	796678		
176	20.7	15.8	23.8	
179	16.2	13.0	19.6	





#71

Anthracene

Concen: 53.961 ng

RT: 11.58 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

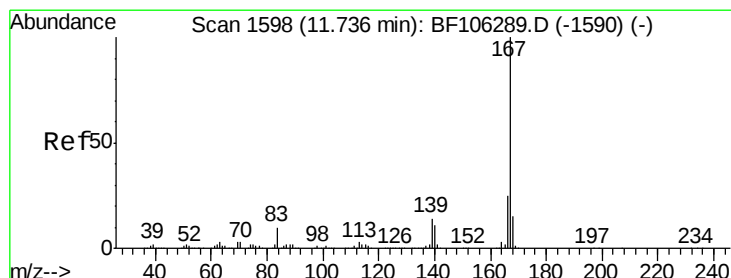
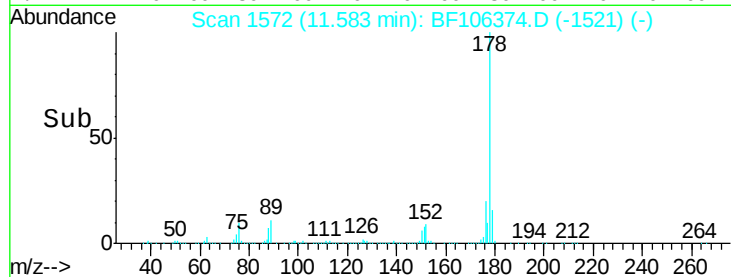
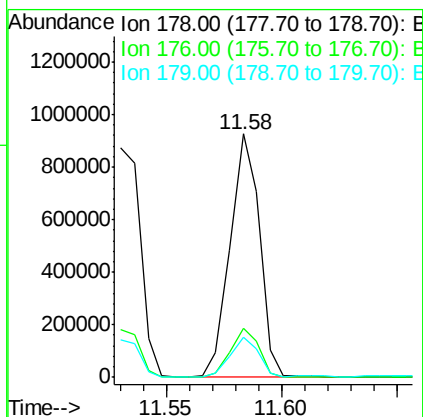
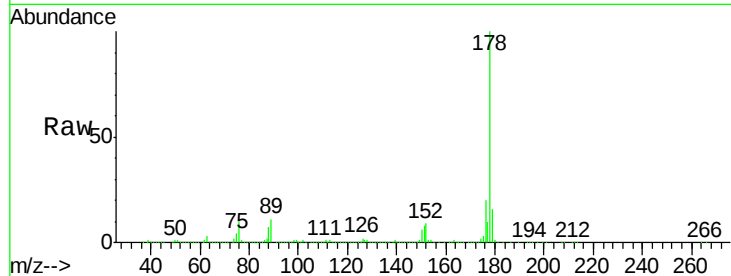
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:178	Resp:	822372
Ion Ratio	Lower	Upper
178 100		
176 20.2	15.4	23.2
179 16.3	12.6	19.0

Manual Integrations
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#72

Carbazole

Concen: 53.658 ng

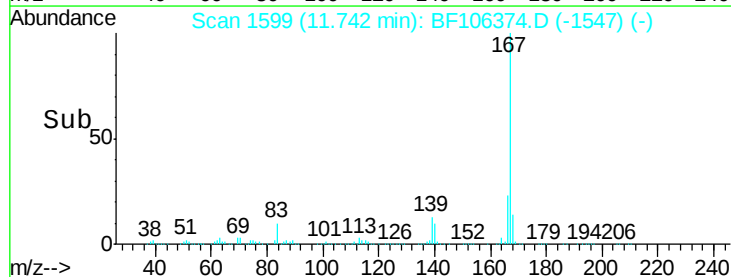
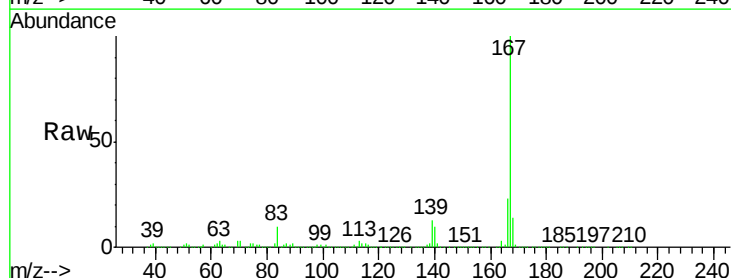
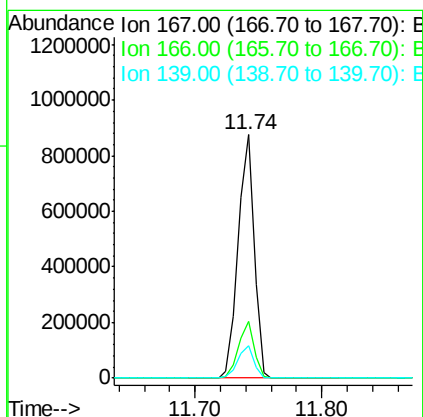
RT: 11.74 min Scan# 1599

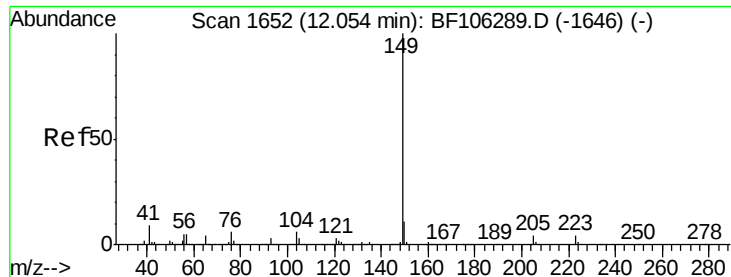
Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:167	Resp:	754964
Ion Ratio	Lower	Upper
167 100		
166 23.1	17.6	26.4
139 13.1	10.9	16.3





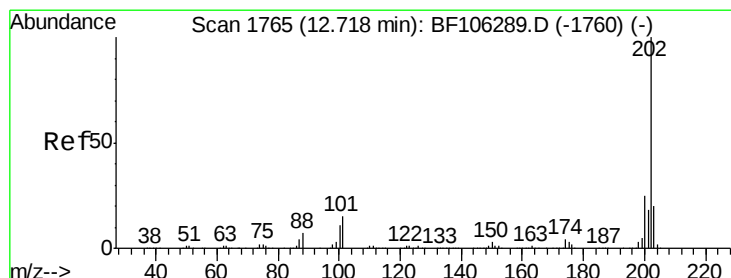
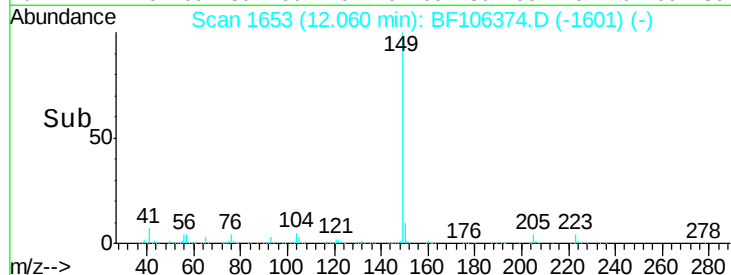
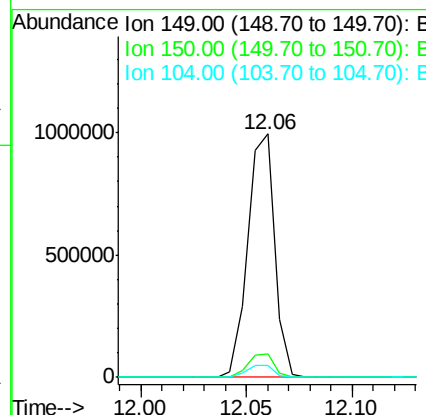
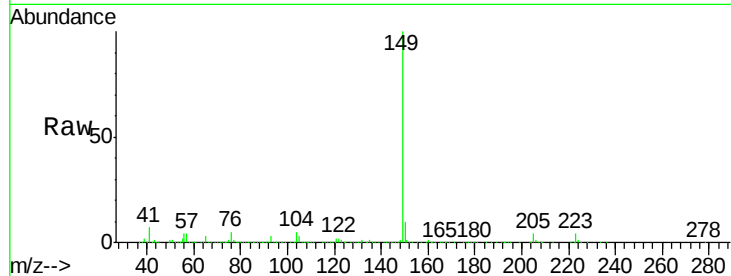
#73
Di-n-butylphthalate
Concen: 55.921 ng
RT: 12.06 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	875671		
150	9.6		7.8	11.6
104	4.8		3.8	5.8

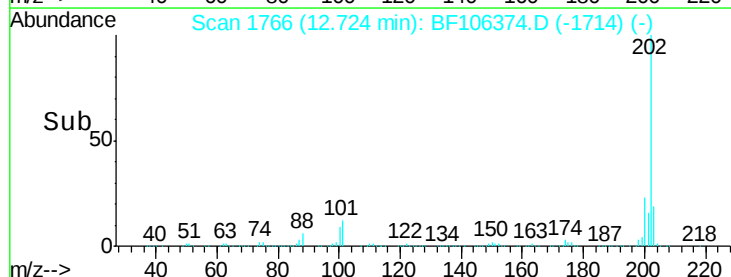
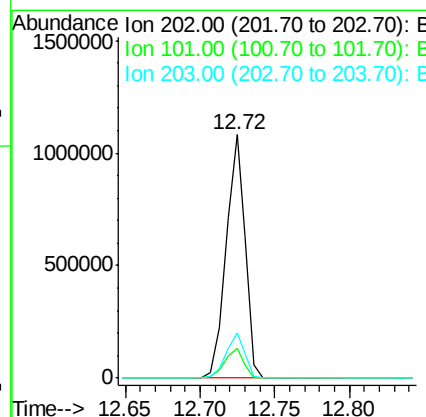
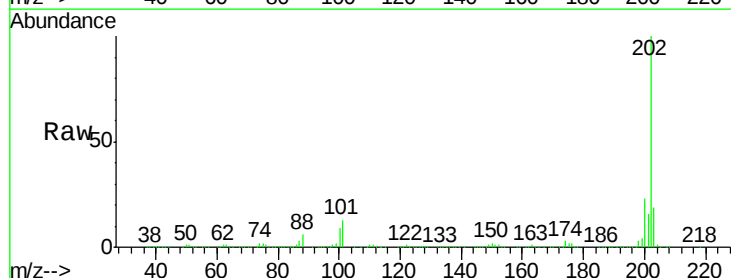
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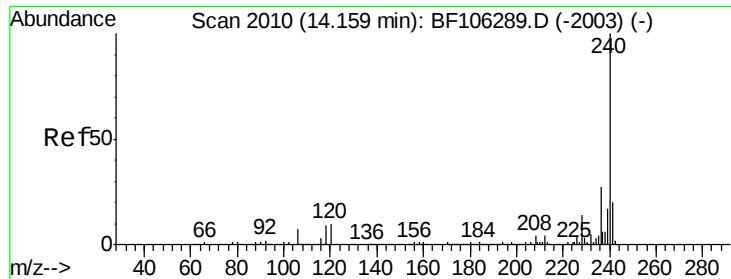
Sohil
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#74
Fluoranthene
Concen: 59.711 ng
RT: 12.72 min Scan# 1766
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	968706		
101	12.5		0.0	34.1
203	18.6		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

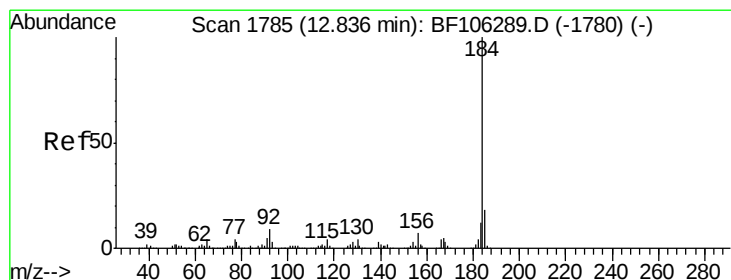
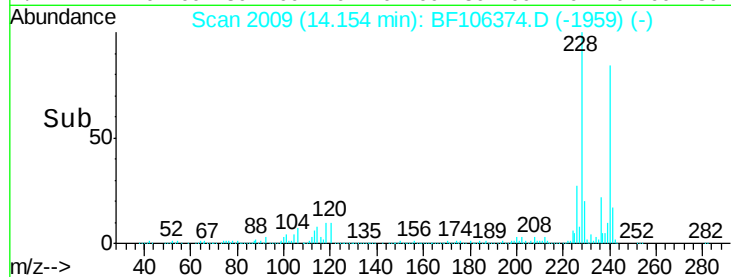
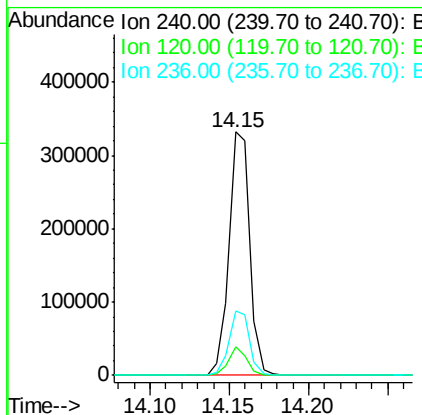
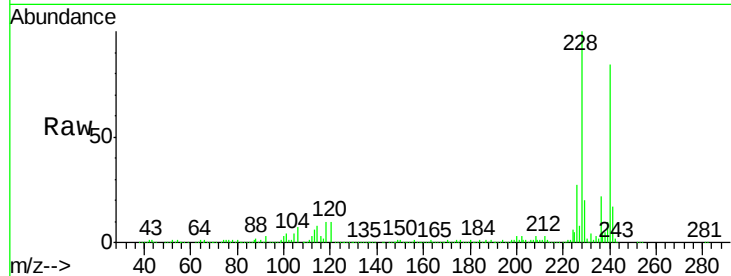
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	240	Resp:	302504
Ion Ratio		Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 5.877 ng

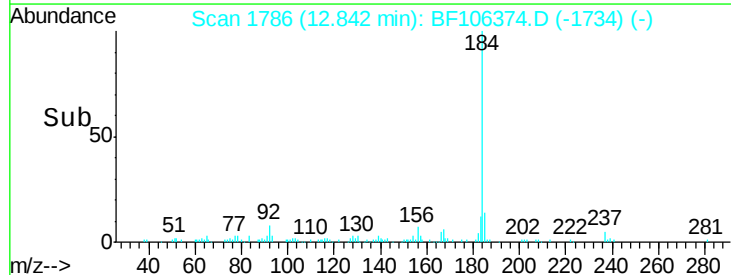
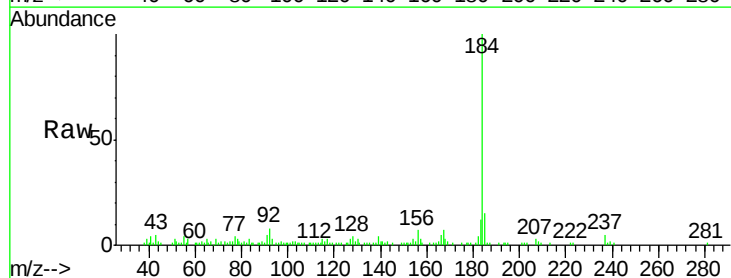
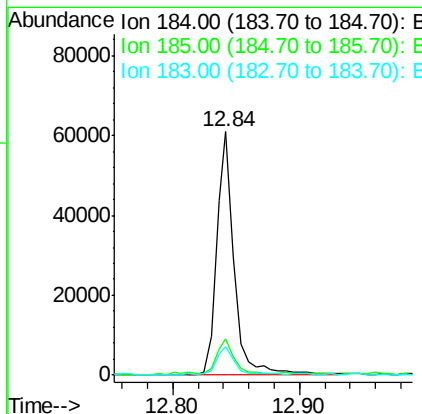
RT: 12.84 min Scan# 1786

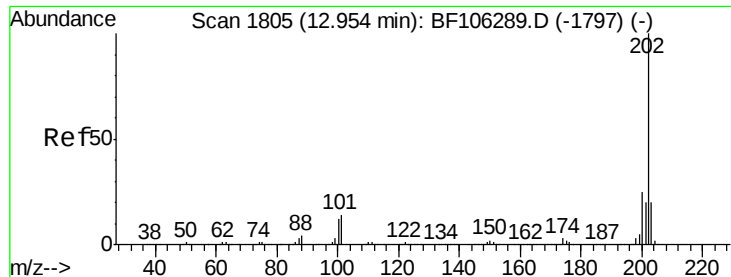
Delta R.T. 0.01 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	184	Resp:	59169
Ion Ratio		Lower	Upper
184	100		
185	15.0	12.6	18.8
183	11.7	9.3	13.9





#77

Pvrene

Concen: 51.733 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

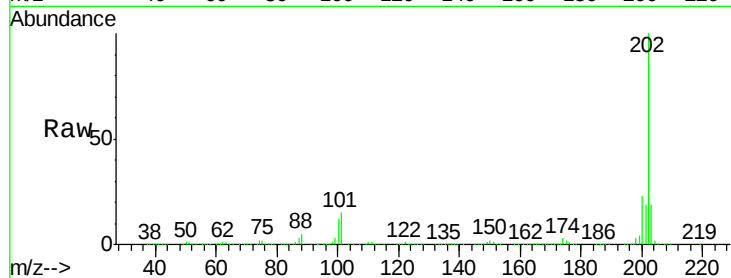
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

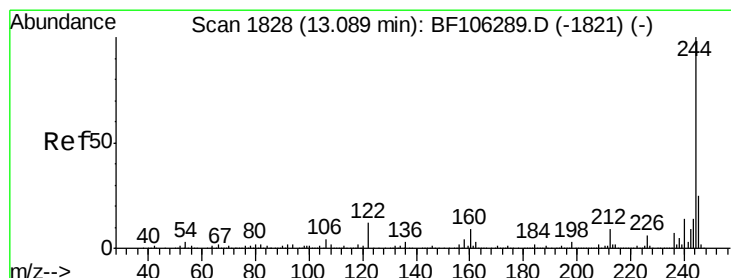
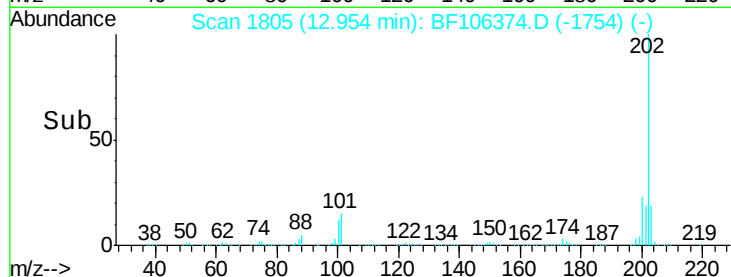
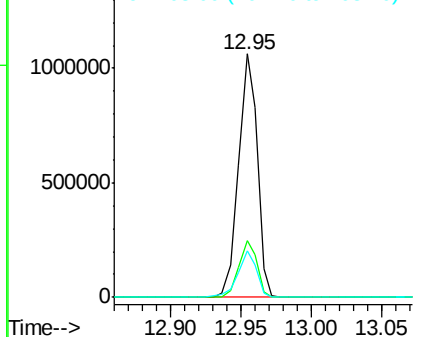
Tot Ion:	202	Resp:	979757
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.4	26.2
203	18.9	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.139 ng

RT: 13.09 min Scan# 1828

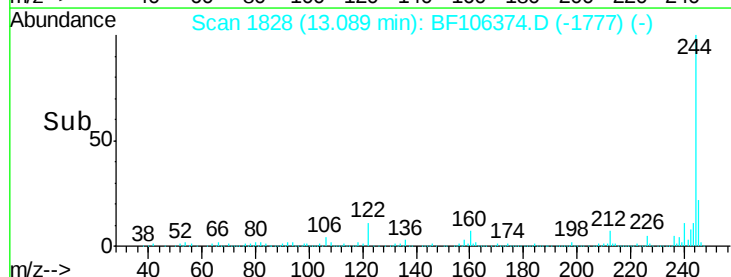
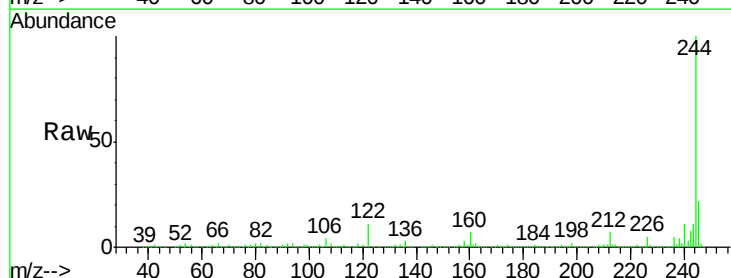
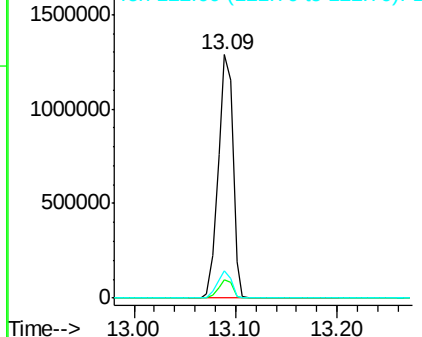
Delta R.T. 0.00 min

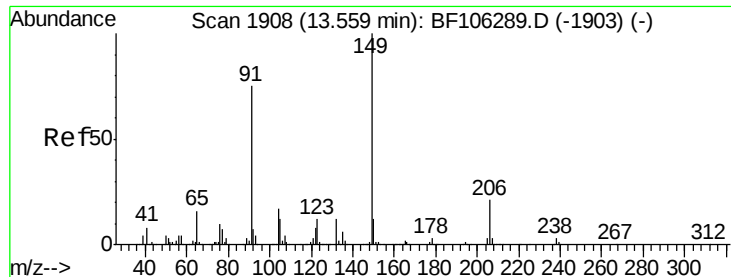
Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	244	Resp:	1292681
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.4	8.0
122	11.1	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 62.855 ng

RT: 13.56 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Instrument :

BNA_F

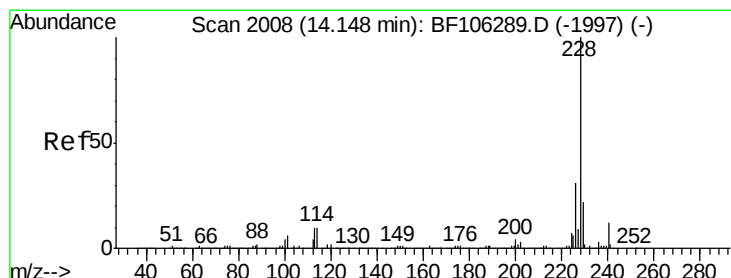
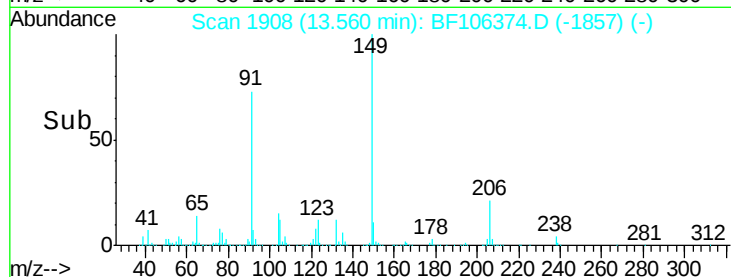
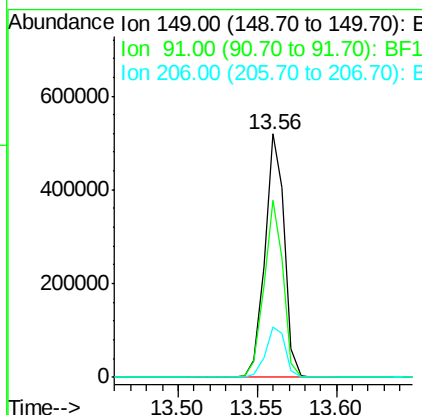
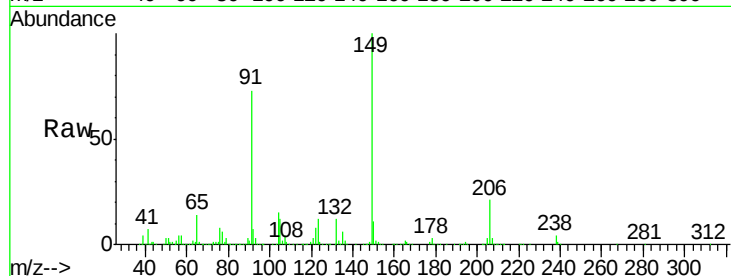
ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

Tot Ion:	149	Resp:	445588
Ion Ratio	Lower	Upper	
149	100		
91	72.6	56.8	85.2
206	20.9	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 51.901 ng

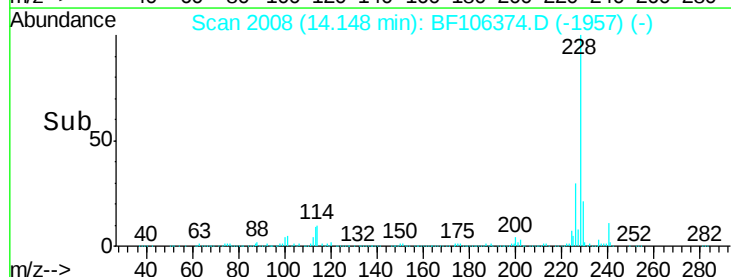
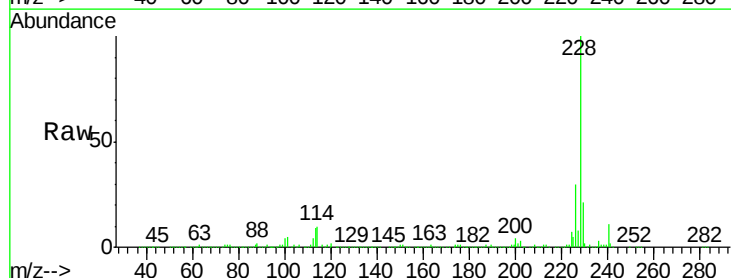
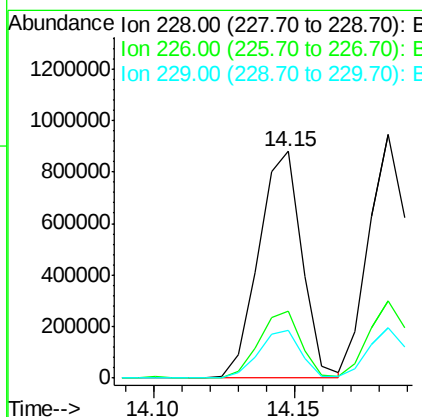
RT: 14.15 min Scan# 2008

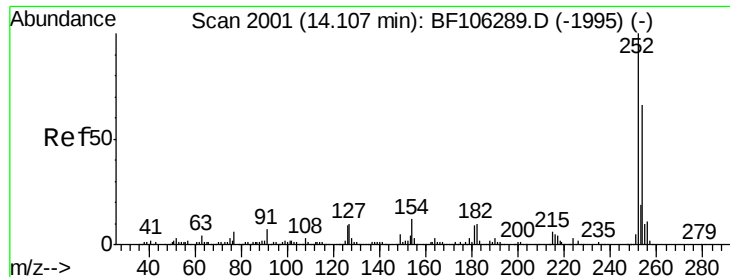
Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tgt Ion:	228	Resp:	934321
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.6	33.8
229	20.9	15.8	23.6





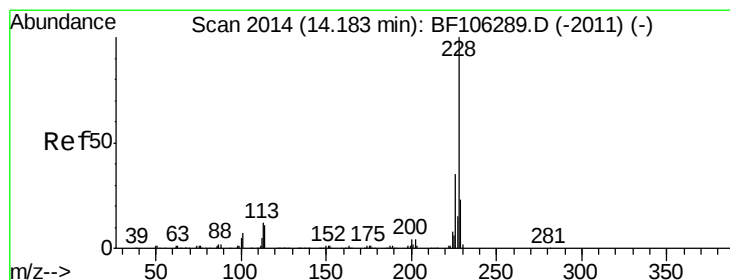
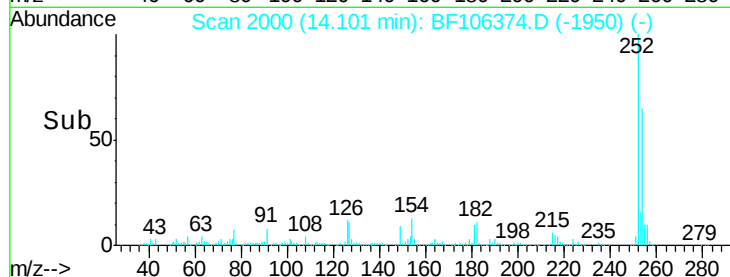
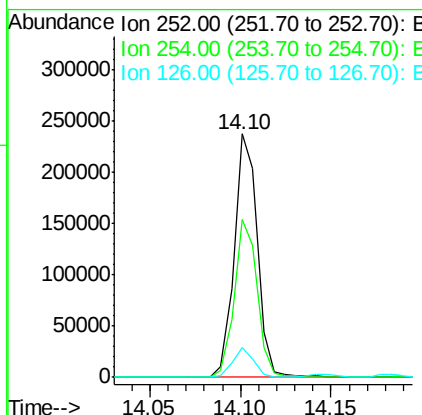
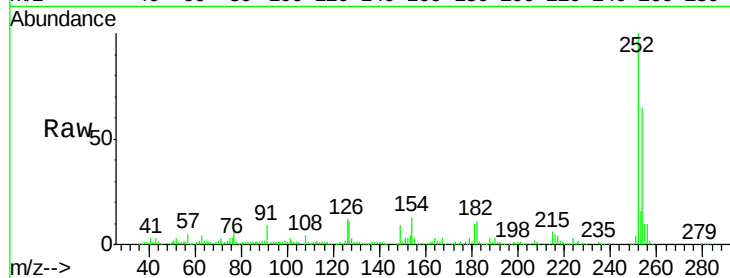
#81
 3,3'-Dichlorobenzidine
 Concen: 34.703 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	12.1	11.3	16.9

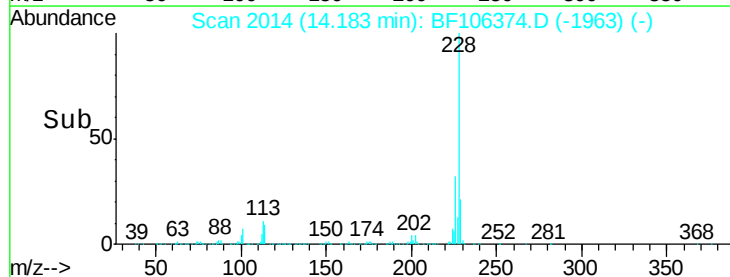
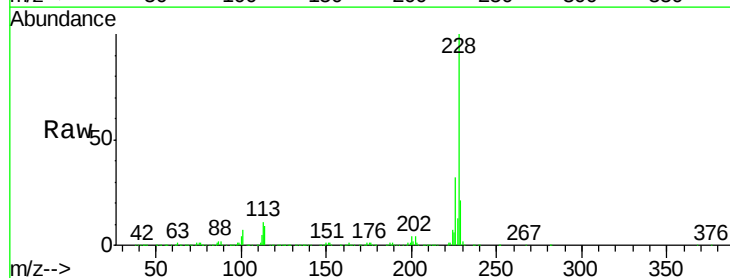
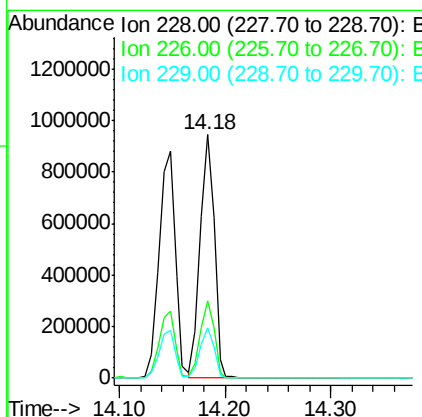
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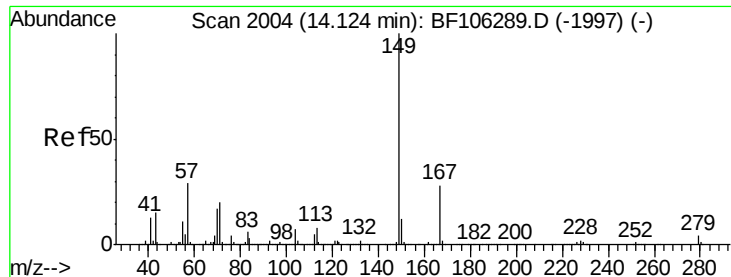
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#82
 Chrysene
 Concen: 53.030 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF106374.D
 Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.7	16.2	24.4





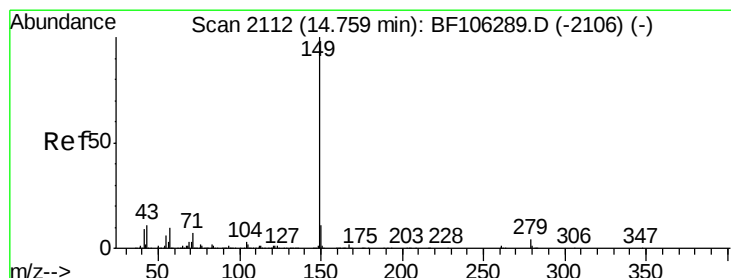
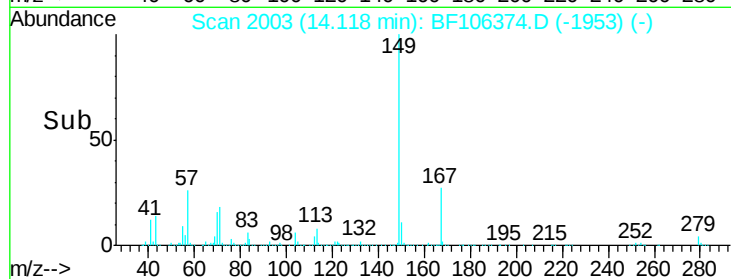
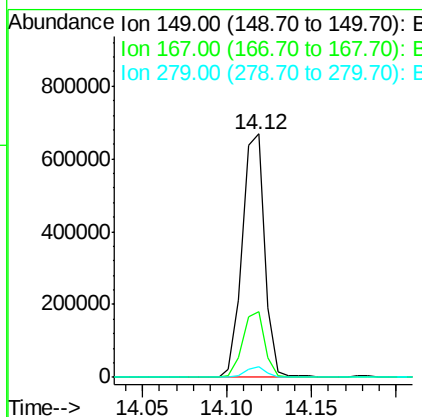
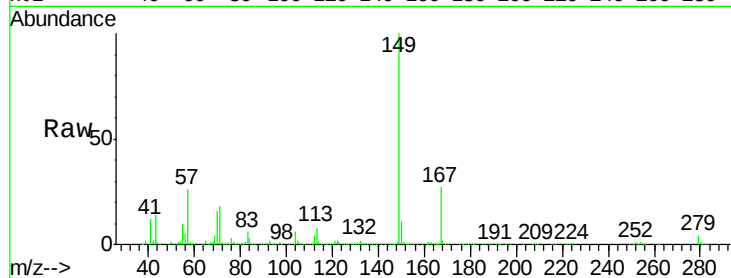
#83
Bis(2-ethylhexyl)phthalate
Concen: 60.805 ng
RT: 14.12 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.4	3.0	4.4

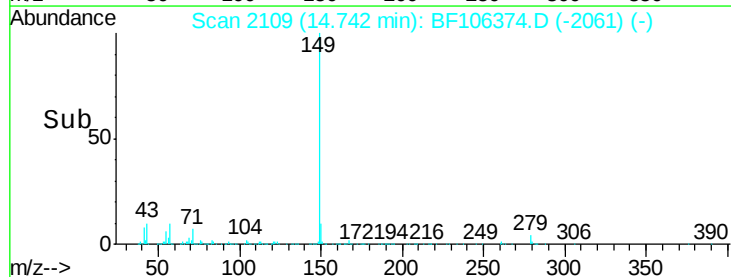
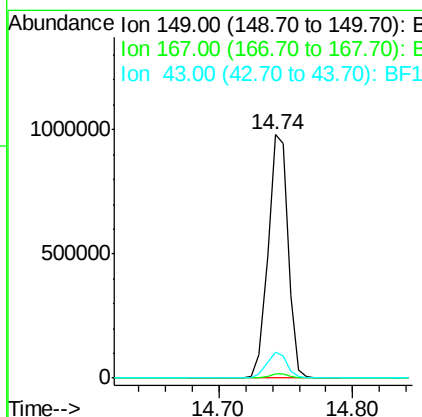
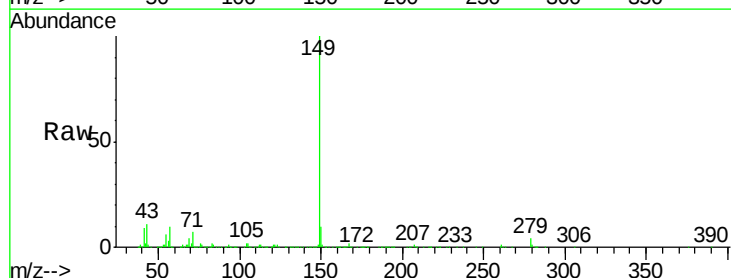
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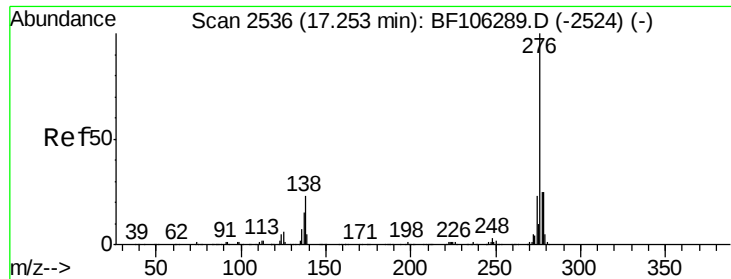
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#84
Di-n-octyl phthalate
Concen: 69.665 ng
RT: 14.74 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.2	8.4	12.6





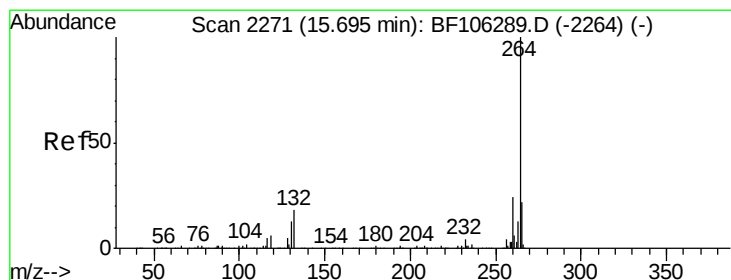
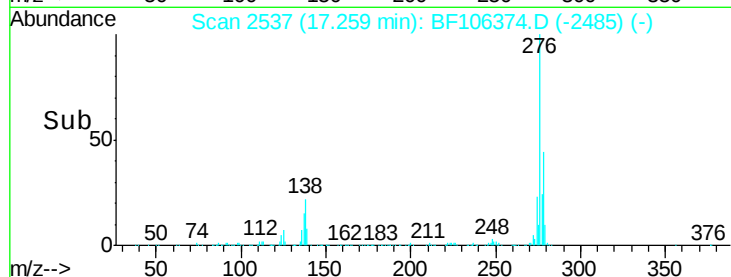
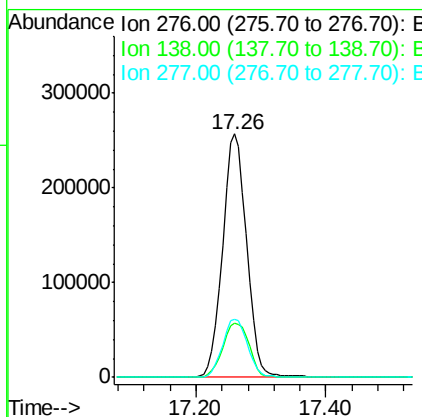
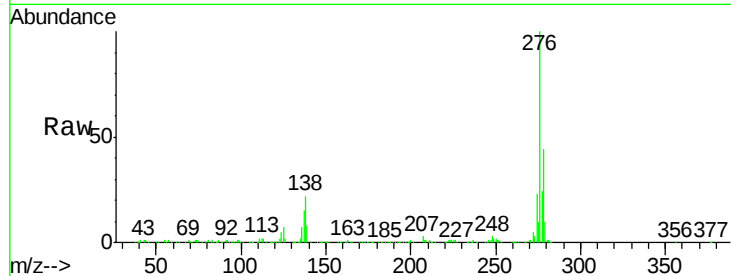
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.167 ng
RT: 17.26 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	25.0	37.6#
277	24.8	20.1	30.1

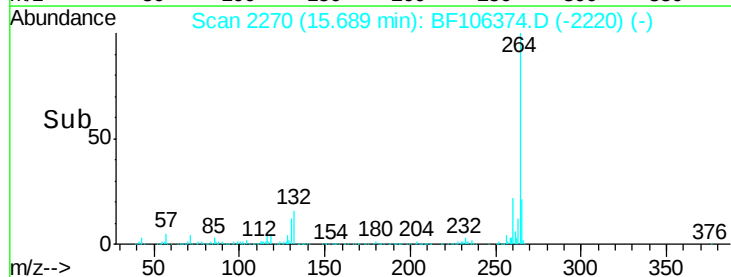
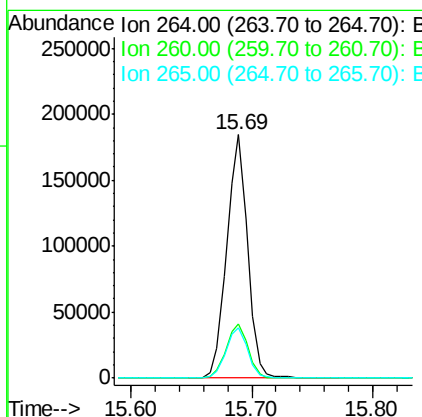
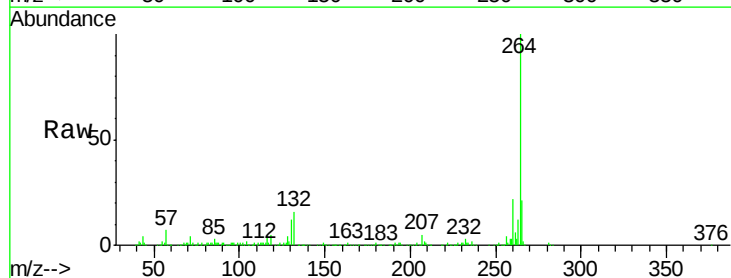
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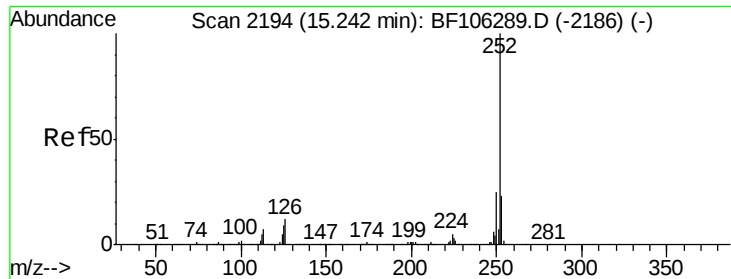
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.8	17.5	26.3





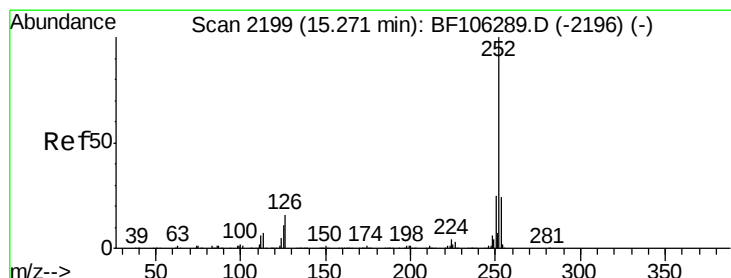
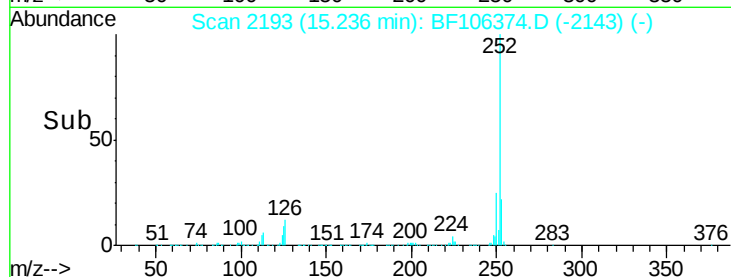
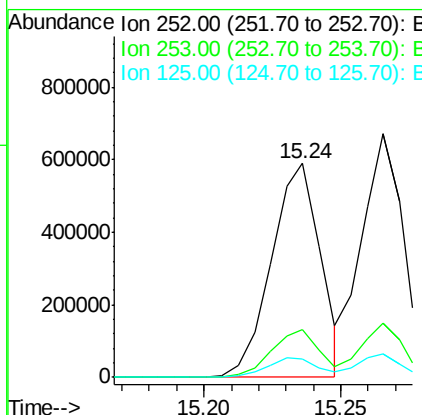
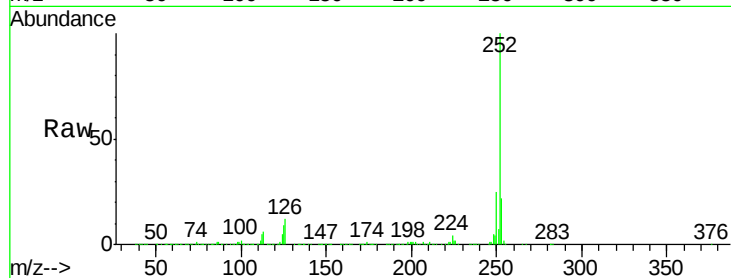
#87
Benzo(b)fluoranthene
Concen: 55.472 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	8.6	9.0	13.6#

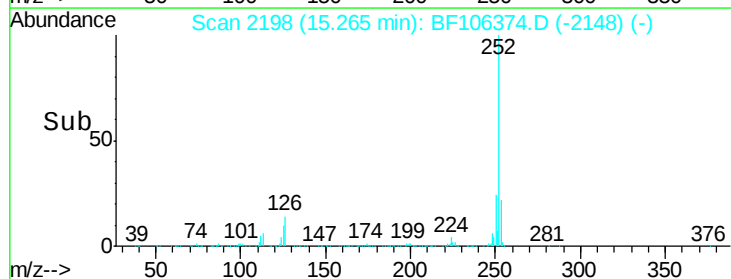
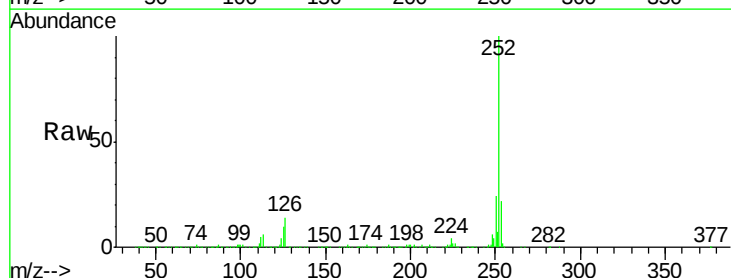
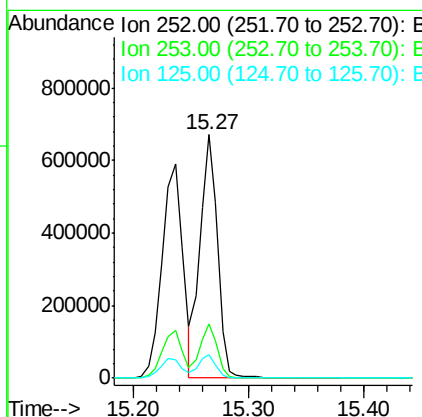
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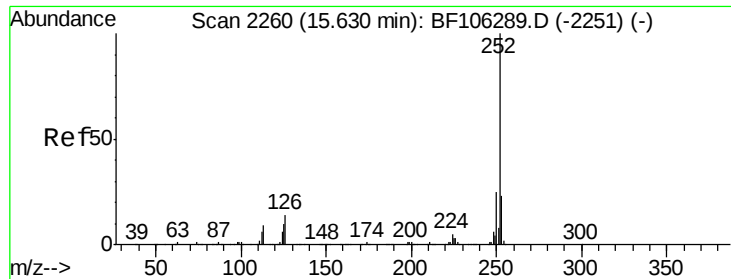
Sohil
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#88
Benzo(k)fluoranthene
Concen: 54.361 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.6	10.2	15.2#





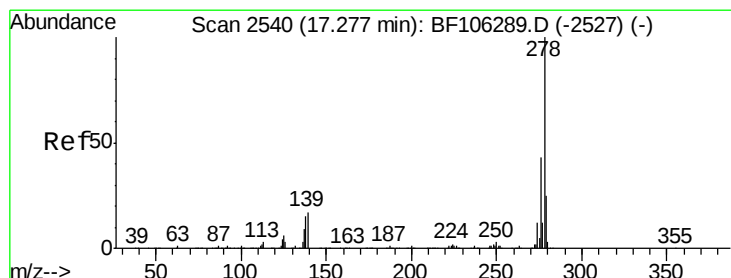
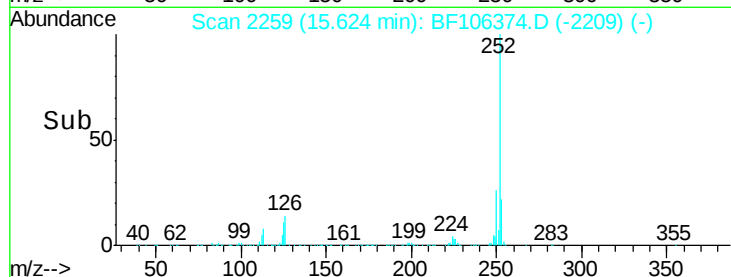
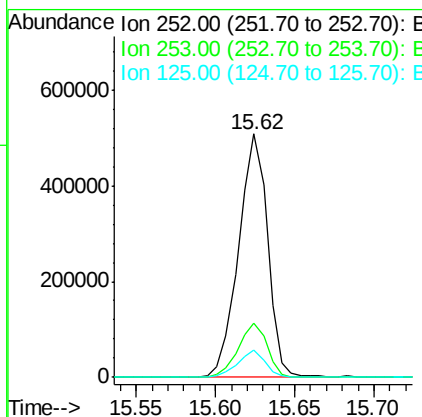
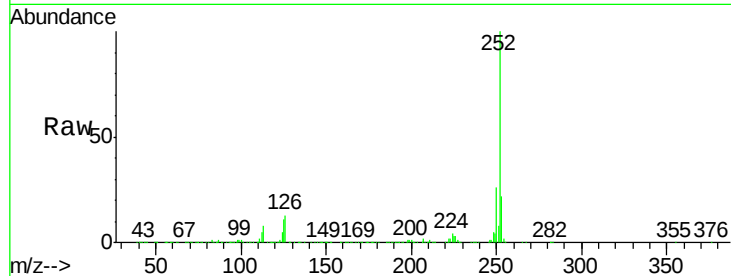
#89
Benzo(a)pyrene
Concen: 54.041 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	11.0	9.8	14.6

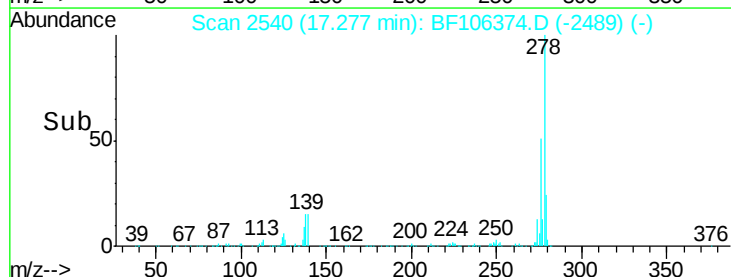
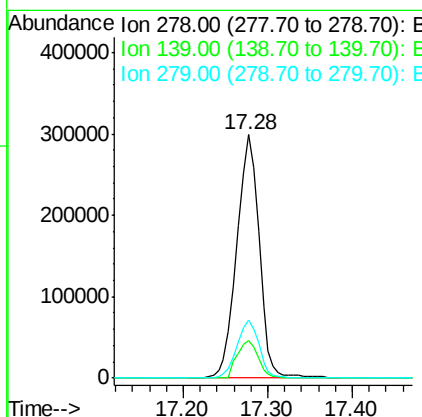
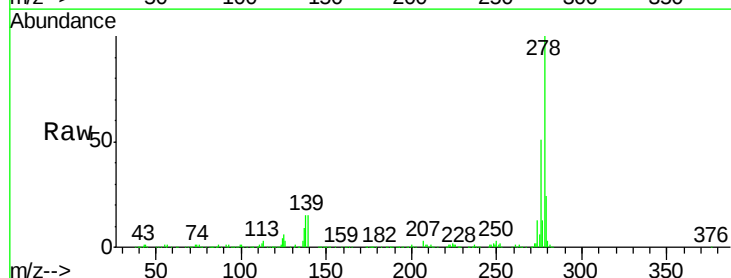
Manual Integrations
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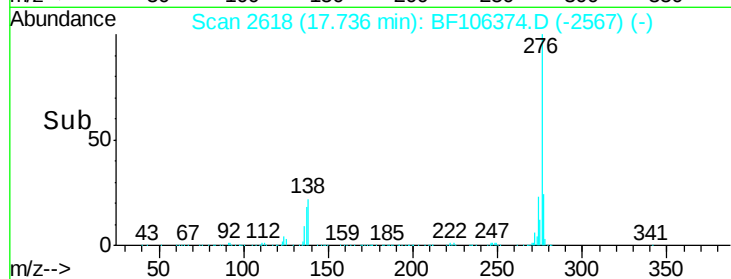
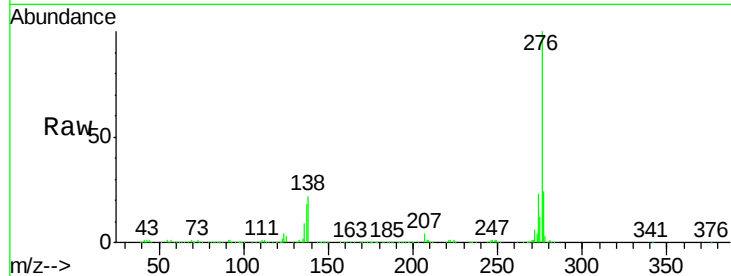
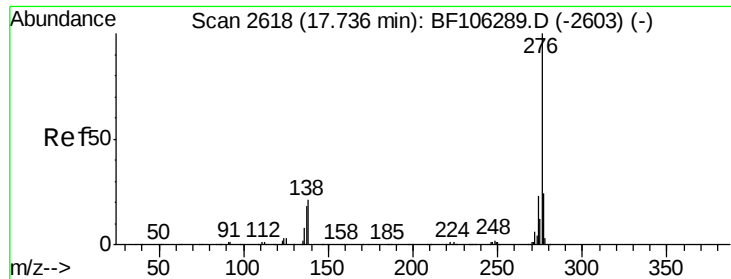
Sohil
6/13/2018 4:56:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 55.030 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BF106374.D
Acq: 13 Jun 2018 5:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	15.9	23.9#
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 55.331 ng

RT: 17.74 min Scan# 2618

Delta R.T. 0.00 min

Lab File: BF106374.D

Acq: 13 Jun 2018 5:45

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	21.7	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

T11-DP-27-5.5-6.0-052418MSD

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Sohil
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