

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111386.D
 Acq On : 13 Dec 2018 22:48
 Operator : JU/SJ
 Sample : J6305-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Manual Integrations
 APPROVED

Sohil
 12/14/2018 12:53:41 PM

Quant Time: Dec 14 00:28:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	267155	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1001131	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	439430	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	624035	20.00	ng	0.00
76) Chrysene-d12	13.96	240	411410	20.00	ng	0.00
87) Perylene-d12	15.39	264	329281	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	729483	46.17	ng	0.02
7) Phenol-d6	6.47	99	510911	23.99	ng	0.04
23) Nitrobenzene-d5	7.36	82	1048887	59.05	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	272261	70.29	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1657952	60.57	ng	0.00
79) Terphenyl-d14	12.90	244	944453	50.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	128755	16.316	ng	# 91
3) Pyridine	3.32	79	310113	15.997	ng	98
4) n-Nitrosodimethylamine	3.21	42	145453	16.084	ng	91
6) Aniline	6.46	93	368600	14.304	ng	# 1
8) 2-Chlorophenol	6.60	128	420199	21.639	ng	96
9) Benzaldehyde	6.34	77	177090	11.741	ng	98
10) Phenol	6.49	94	5165504	214.079	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	513389	27.046	ng	98
12) 1,3-Dichlorobenzene	6.74	146	509242	24.225	ng	98
13) 1,4-Dichlorobenzene	6.82	146	512539	24.085	ng	99
14) 1,2-Dichlorobenzene	6.97	146	456724	23.200	ng	97
15) Benzyl Alcohol	6.96	79	305254	18.715	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	942882	25.639	ng	53
17) 2-Methylphenol	7.09	107	749319	47.756	ng	95
18) Hexachloroethane	7.31	117	164465	20.817	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	367047	25.932	ng	96
20) 3+4-Methylphenols	7.25	107	1031435	55.122	ng	# 60
22) Acetophenone	7.21	105	863780	37.144	ng	# 87
24) Nitrobenzene	7.38	77	520588	28.454	ng	99
25) Isophorone	7.63	82	907067	30.064	ng	# 98
26) 2-Nitrophenol	7.70	139	224889	25.007	ng	100
27) 2,4-Dimethylphenol	7.75	122	475429	34.827	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	575788	27.804	ng	99
29) 2,4-Dichlorophenol	7.96	162	421132	29.573	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	359429	24.565	ng	99
31) Naphthalene	8.10	128	1428007	30.615	ng	97
32) Benzoic acid	8.03	122	2041689m	179.913	ng	
33) 4-Chloroaniline	8.16	127	24337	1.222	ng	# 86
34) Hexachlorobutadiene	8.22	225	203409	25.059	ng	98
35) Caprolactam	8.54	113	22905	4.590	ng	# 1
36) 4-Chloro-3-methylphenol	8.68	107	394327	25.985	ng	# 80
37) 2-Methylnaphthalene	8.80	142	970108	32.174	ng	99
38) 1-Methylnaphthalene	8.90	142	896671	30.812	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358498	29.024	ng	99

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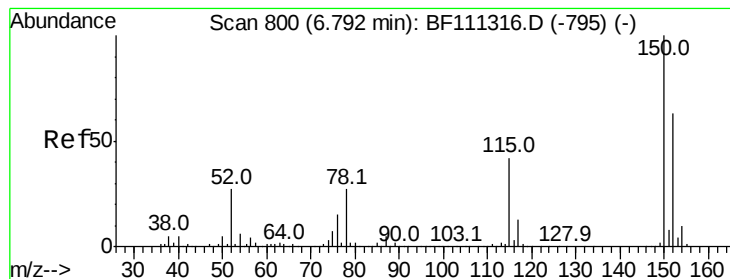
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	102431	15.881	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	245623	27.783	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	224345	24.011	nq	96
46) 1,1'-Biphenyl	9.26	154	1084166	28.916	nq	96
47) 2-Chloronaphthalene	9.28	162	819705	28.548	nq	99
48) 2-Nitroaniline	9.39	65	263775	28.270	nq	94
49) Acenaphthylene	9.70	152	1262943	30.106	nq	95
50) Dimethylphthalate	9.56	163	1051473	33.275	nq	100
51) 2,6-Dinitrotoluene	9.62	165	190001	27.125	nq	93
52) Acenaphthene	9.87	154	705538	26.665	nq	99
53) 3-Nitroaniline	9.80	138	85663	10.175	nq	# 94
54) 2,4-Dinitrophenol	9.90	184	25995	9.459	nq	# 74
55) Dibenzofuran	10.04	168	1047348	27.419	nq	96
56) 4-Nitrophenol	10.00	139	100900	16.642	nq	95
57) 2,4-Dinitrotoluene	10.02	165	222863	24.826	nq	99
58) Fluorene	10.38	166	785476	28.746	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	182127	25.232	nq	98
60) Diethylphthalate	10.26	149	852366	26.793	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	345914	25.536	nq	98
62) 4-Nitroaniline	10.40	138	144789	17.892	nq	97
63) Azobenzene	10.53	77	831099	25.910	nq	95
65) 4,6-Dinitro-2-methylphenol	10.43	198	23384	6.527	nq	# 64
66) n-Nitrosodiphenylamine	10.49	169	655353	29.523	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	193216	27.813	nq	94
68) Hexachlorobenzene	10.93	284	196931	27.529	nq	97
69) Atrazine	11.04	200	139456	21.721	nq	99
70) Pentachlorophenol	11.13	266	206819	43.446	nq	95
71) Phenanthrene	11.34	178	945441	29.312	nq	94
72) Anthracene	11.39	178	960710	29.251	nq	96
73) Carbazole	11.55	167	869259	25.597	nq	96
74) Di-n-butylphthalate	11.89	149	1120654	28.983	nq	96
75) Fluoranthene	12.53	202	877794	27.877	nq	98
77) Benzidine	12.66	184	464	0.060	nq	# 1
78) Pyrene	12.76	202	875574	27.576	nq	96
80) Butylbenzylphthalate	13.38	149	425971	27.942	nq	95
81) Benzo(a)anthracene	13.94	228	657378	28.558	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	791	0.091	nq	# 11
83) Chrysene	13.98	228	662783	28.221	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	568173	30.486	nq	99
85) Di-n-octyl phthalate	14.55	149	956399	31.253	nq	96
86) Indeno(1,2,3-cd)pyrene	16.80	276	511788	27.863	nq	98
88) Benzo(b)fluoranthene	14.97	252	586219	31.308	nq	98
89) Benzo(k)fluoranthene	15.00	252	520411	27.845	nq	99
90) Benzo(a)pyrene	15.33	252	517950	29.709	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	433779	29.906	nq	97
92) Benzo(g,h,i)perylene	17.23	276	414205	28.562	nq	98

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



#1

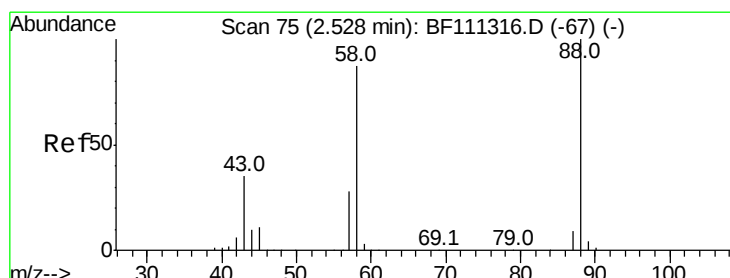
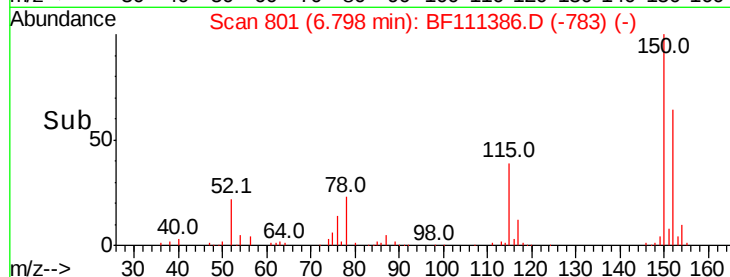
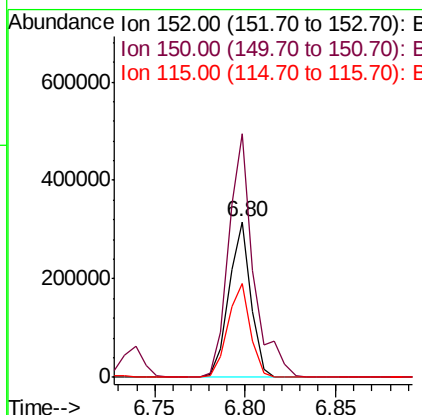
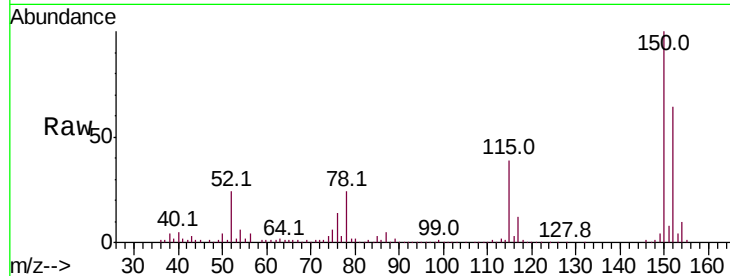
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	60.6	50.7	76.1

Manual Integrations
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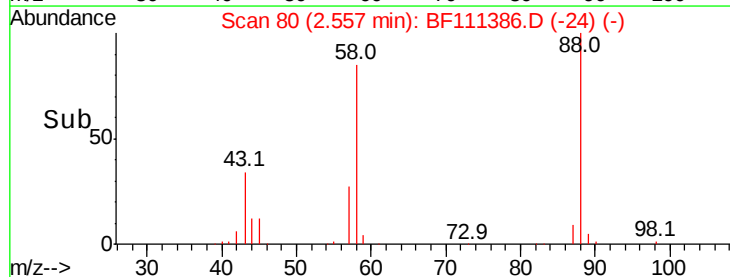
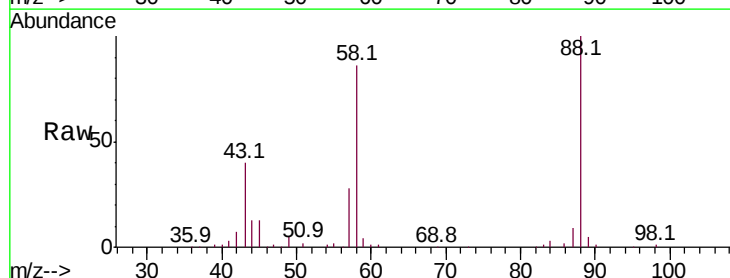
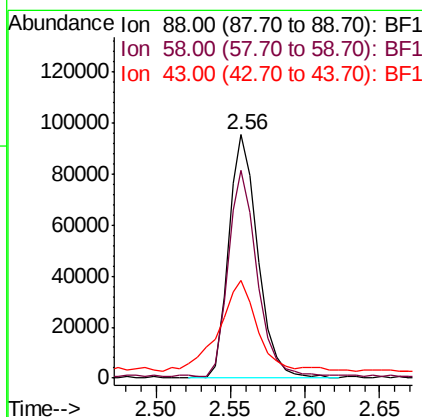
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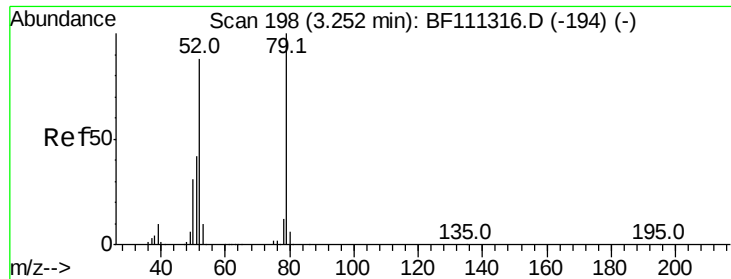


#2

1,4-Dioxane
Concen: 16.316 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.03 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	68.9	103.3
43	48.3	25.8	38.6#





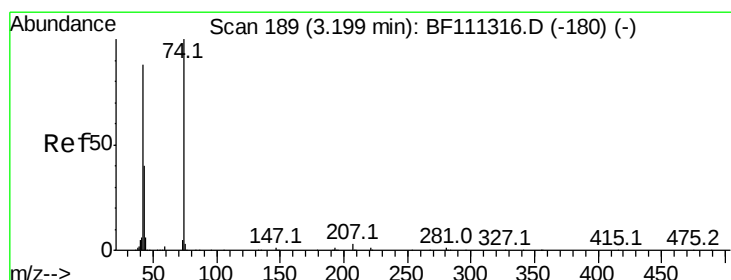
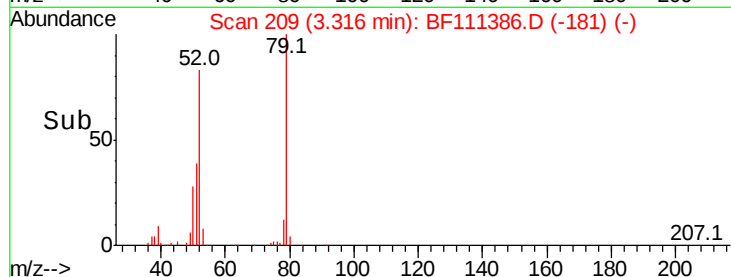
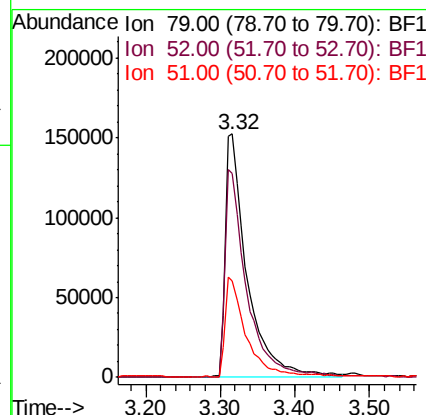
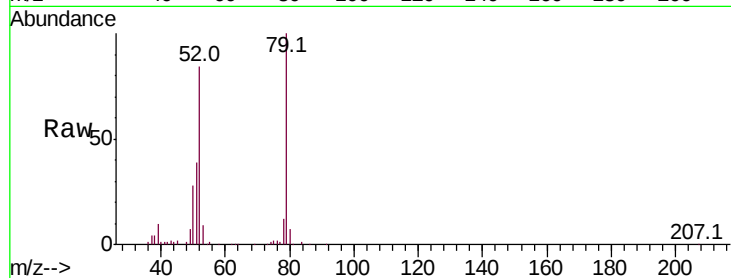
#3
 Pvridine
 Concen: 15.997 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.7	68.3	102.5
51	39.4	32.6	49.0

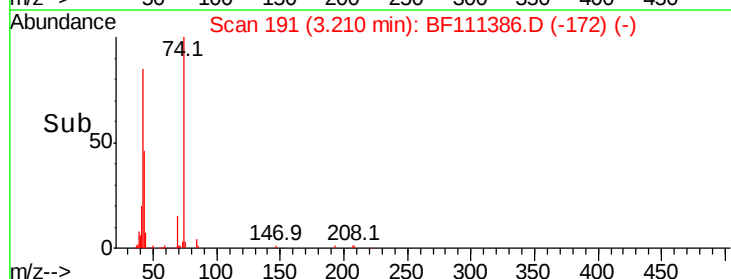
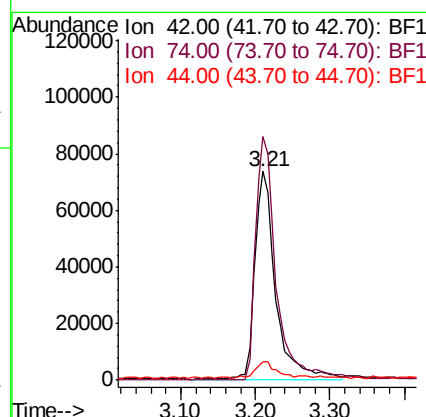
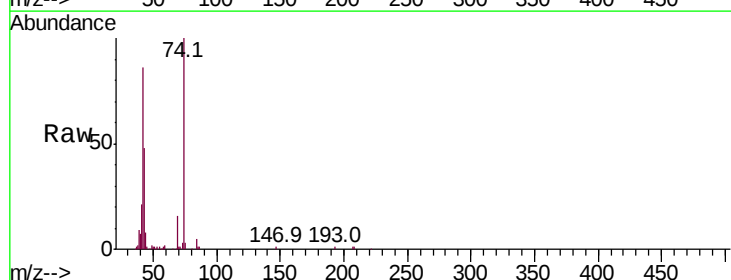
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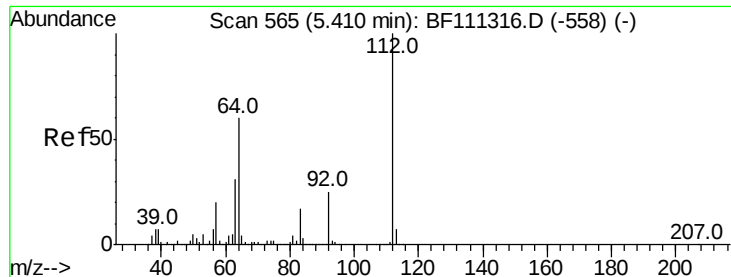
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#4
 n-Nitrosodimethylamine
 Concen: 16.084 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.5	101.5	152.3
44	8.9	6.0	9.0





#5

2-Fluorophenol

Concen: 46.175 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

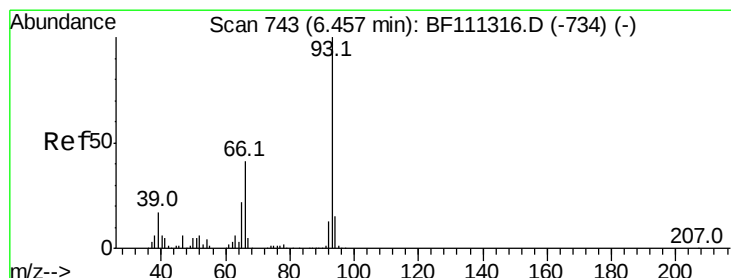
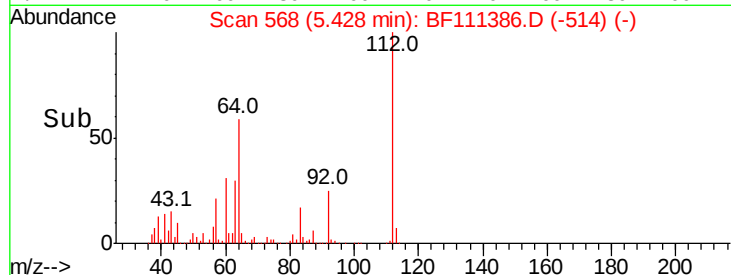
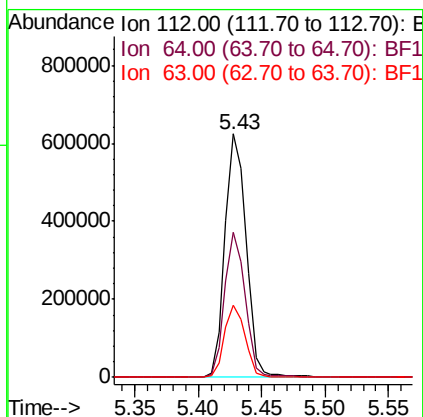
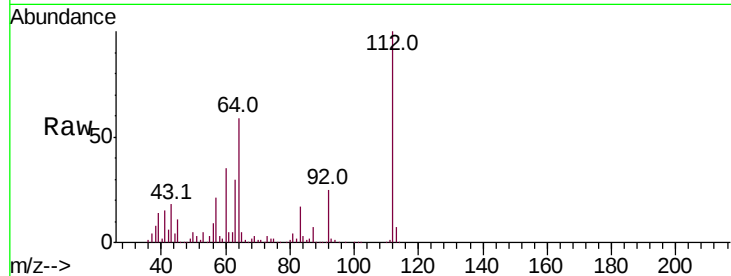
ClientSampleId :

P001-SW004-01MSD

Tot Ion:	112	Resp:	729483
Ion Ratio	Lower	Upper	
112	100		
64	59.3	51.8	77.6
63	29.9	26.8	40.2

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#6

Aniline

Concen: 14.304 ng

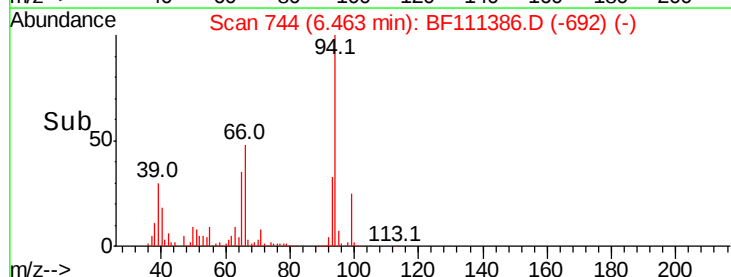
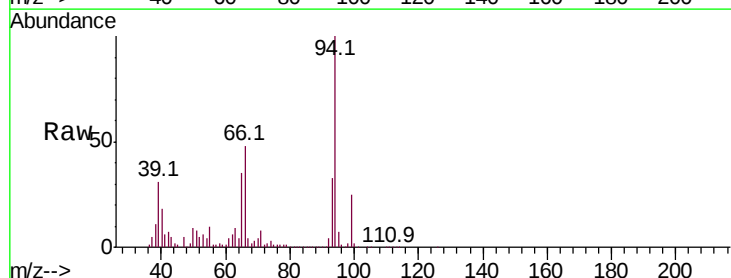
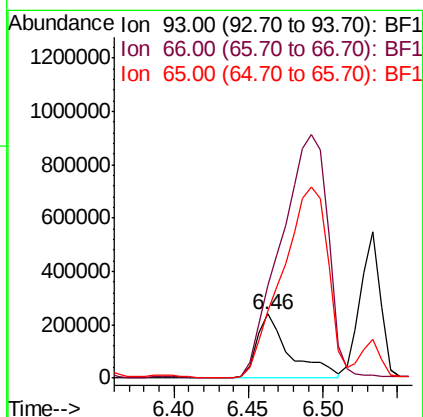
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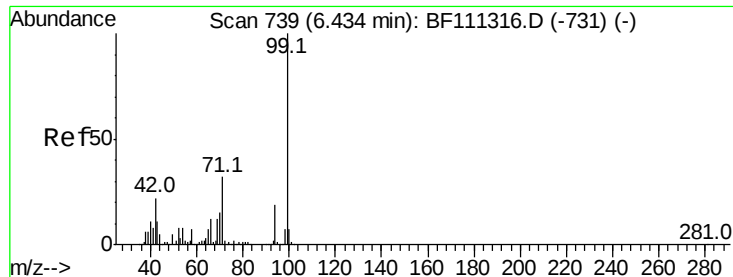
Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	93	Resp:	368600
Ion Ratio	Lower	Upper	
93	100		
66	145.5	33.2	49.8#
65	104.4	17.0	25.4#





#7

Phenol-d6

Concen: 23.986 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

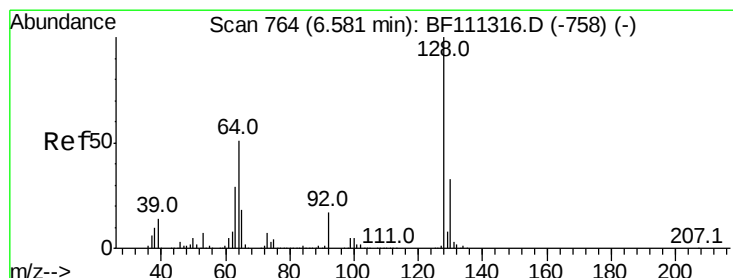
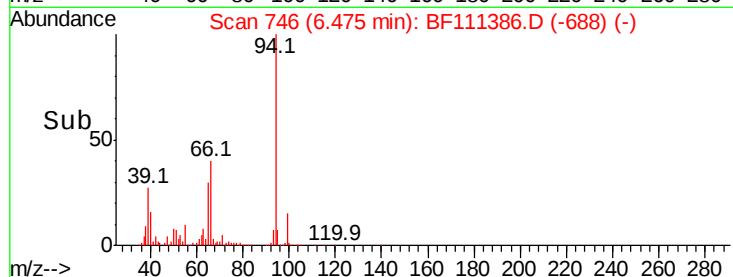
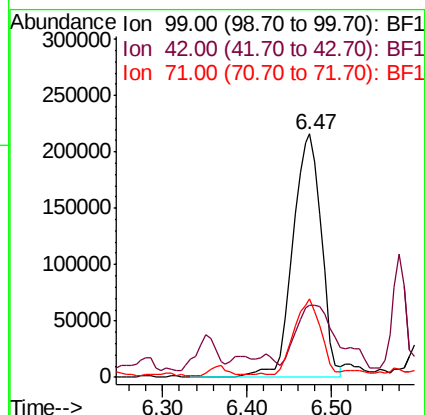
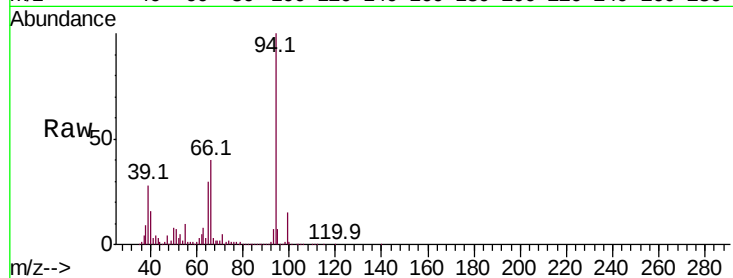
ClientSampleId :

P001-SW004-01MSD

Tot Ion:	99	Resp:	510911
Ion Ratio	Lower	Upper	
99	100		
42	29.5	17.4	26.0#
71	32.2	26.1	39.1

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#8

2-Chlorophenol

Concen: 21.639 ng

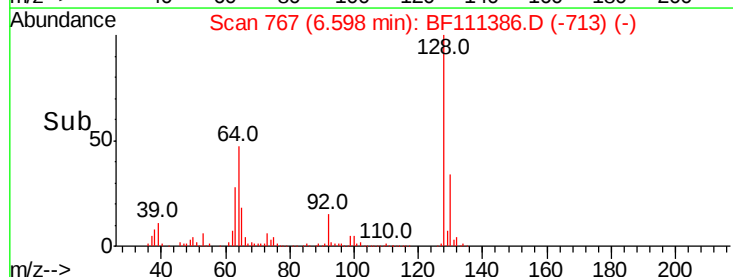
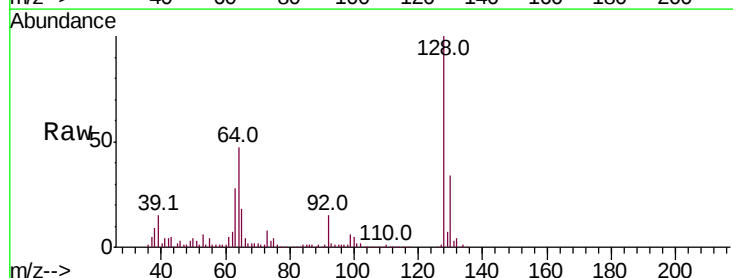
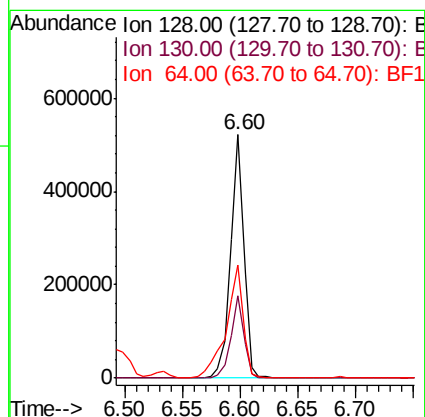
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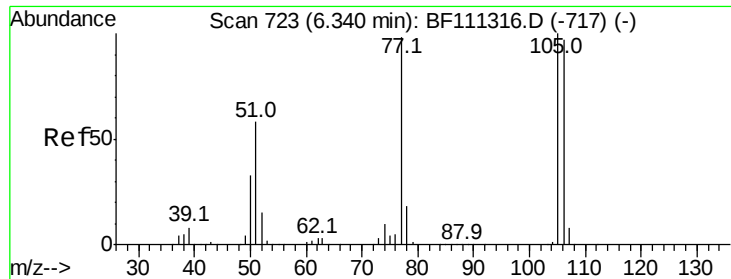
Delta R.T. 0.02 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	128	Resp:	420199
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.7	52.7
64	46.6	30.0	70.0





#9

Benzaldehyde

Concen: 11.741 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

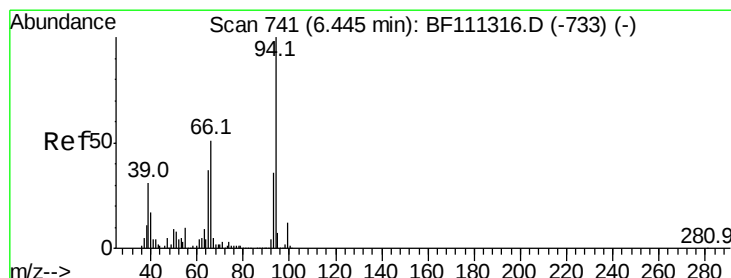
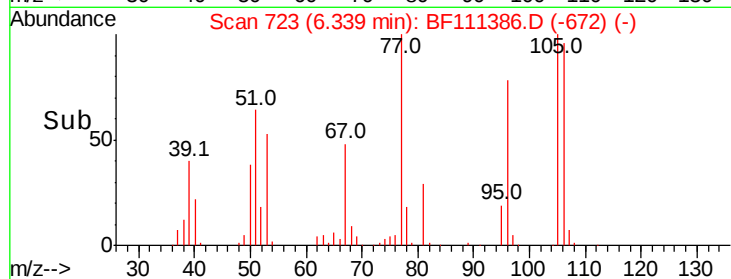
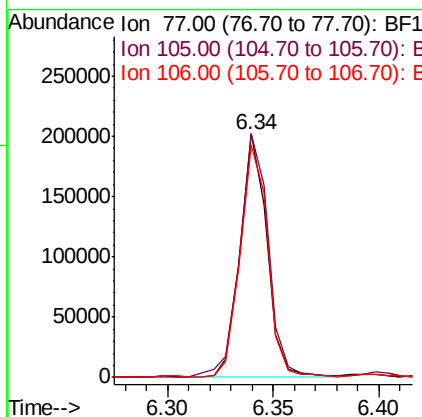
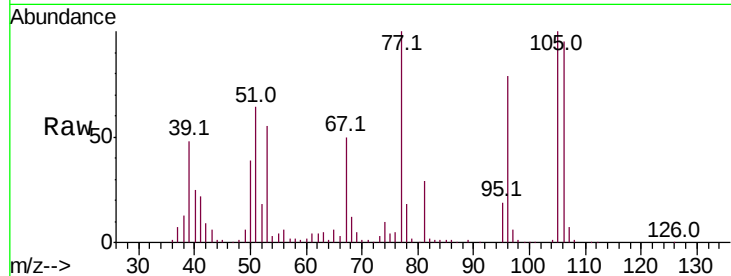
ClientSampleId :

P001-SW004-01MSD

Tot Ion:	77	Resp:	177090
Ion	Ratio	Lower	Upper
77	100		
105	99.9	81.4	121.4
106	95.3	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 214.079 ng

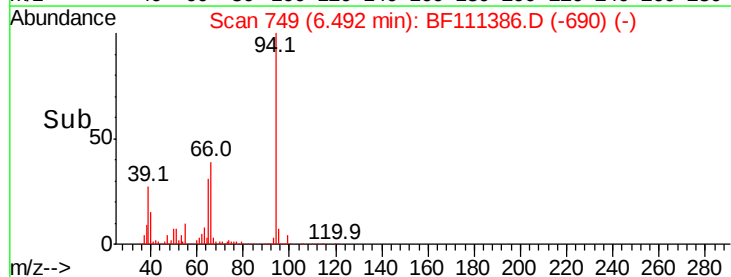
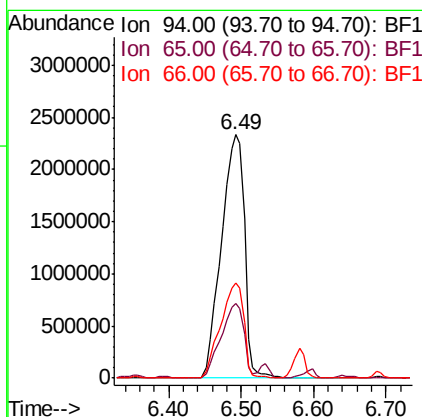
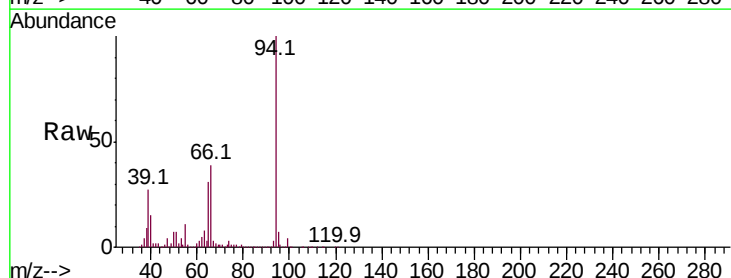
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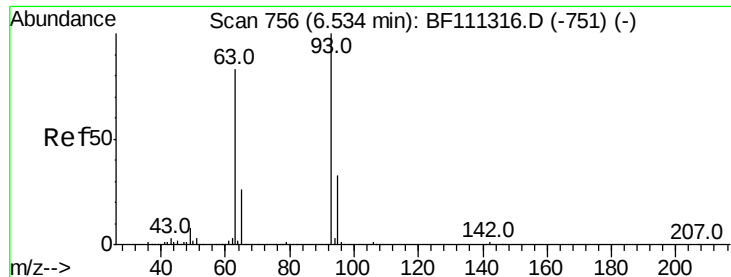
Delta R.T. 0.05 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	94	Resp:	5165504
Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.7	51.7
66	39.1	21.0	61.0





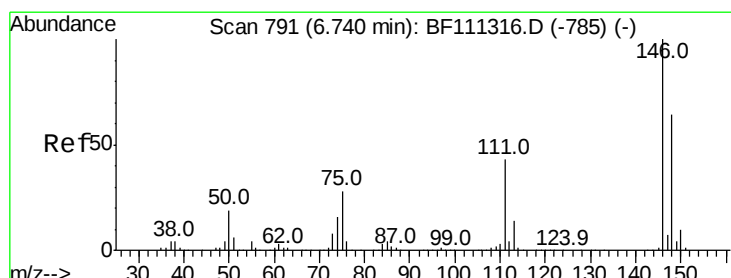
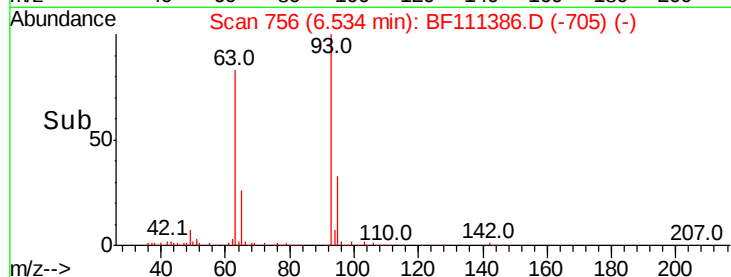
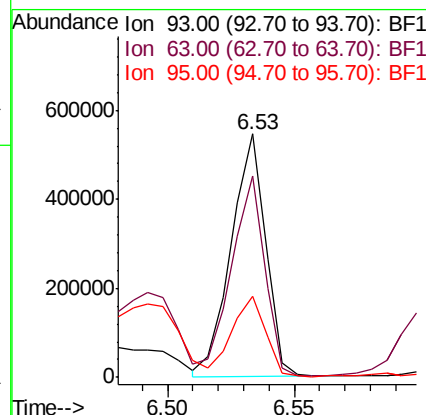
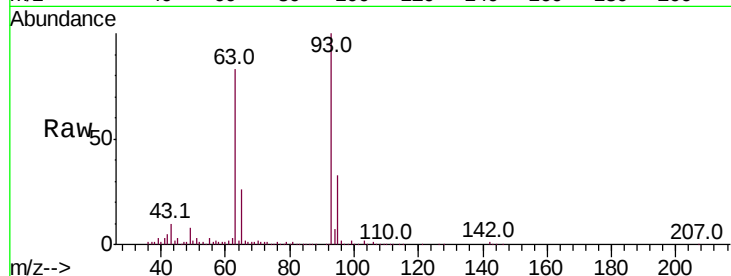
#11
bis(2-Chloroethyl)ether
Concen: 27.046 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	60.0	100.0
95	33.5	13.4	53.4

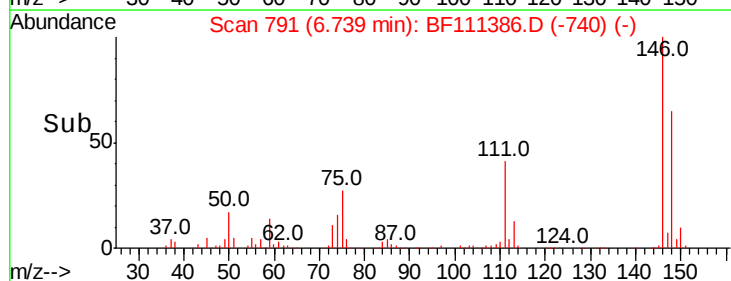
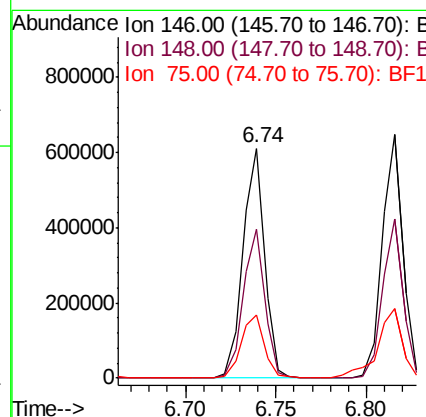
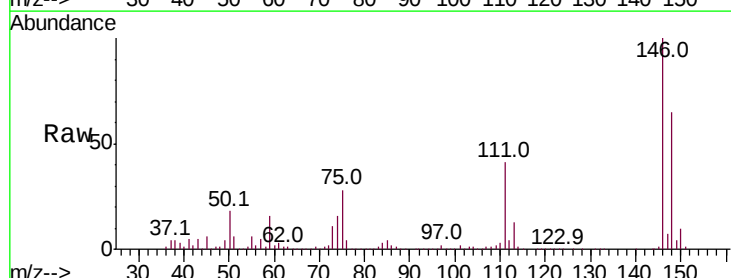
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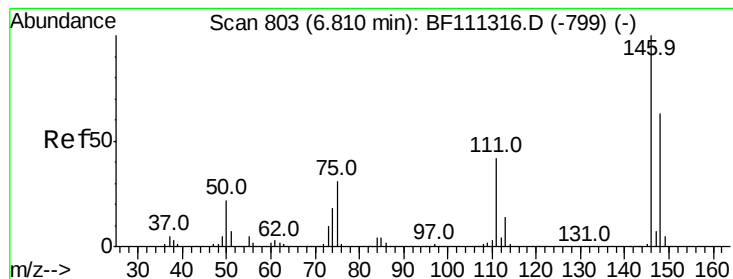
Sohil
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#12
1,3-Dichlorobenzene
Concen: 24.225 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	27.6	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 24.085 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

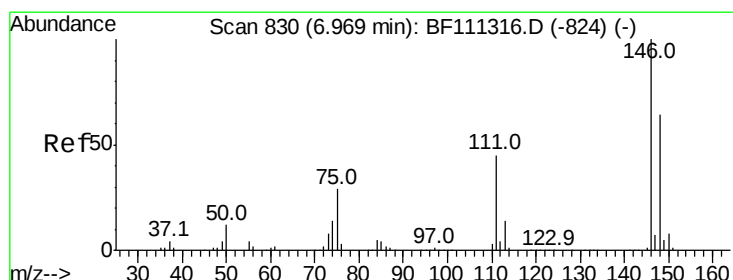
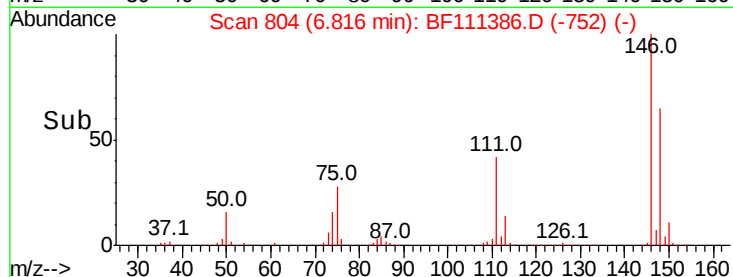
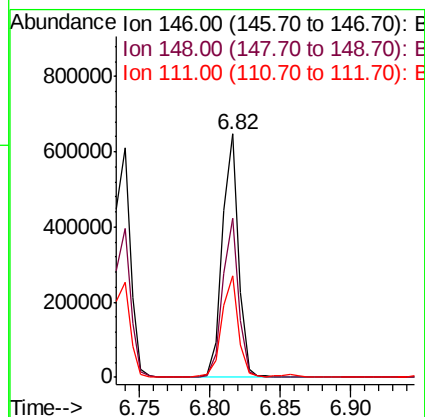
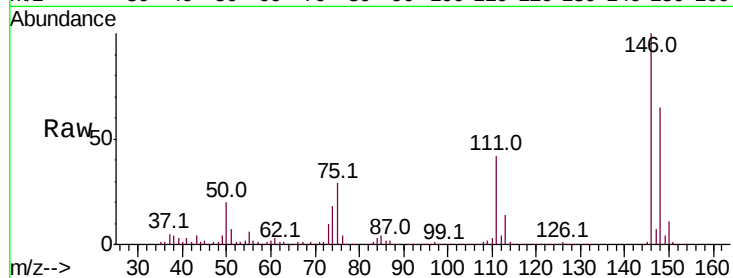
ClientSampleId :

P001-SW004-01MSD

Tot Ion:	146	Resp:	512539
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.8	79.2
111	41.9	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 23.200 ng

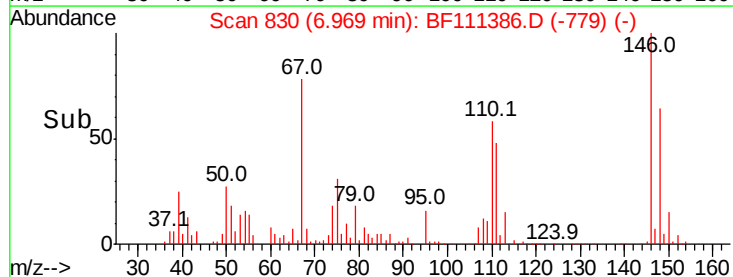
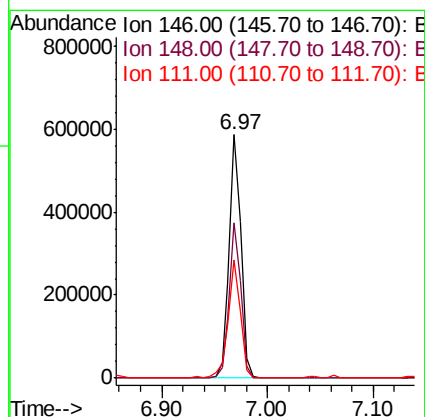
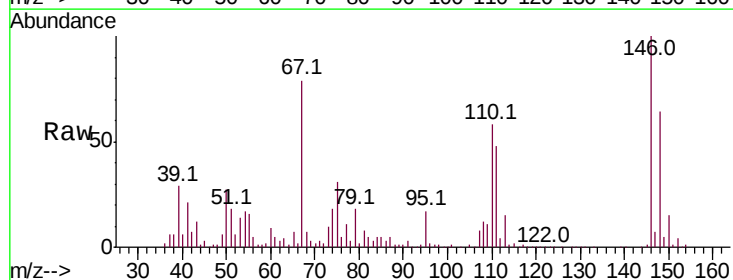
RT: 6.97 min Scan# 830

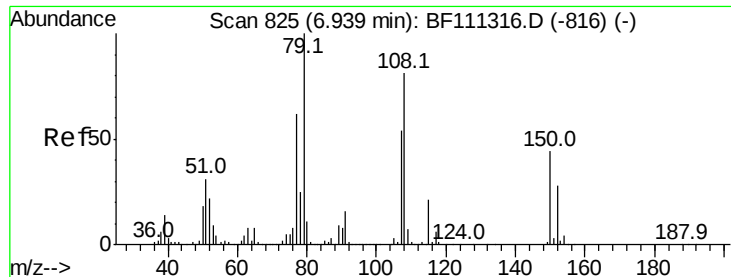
Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	146	Resp:	456724
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.9	77.9
111	48.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 18.715 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.02 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

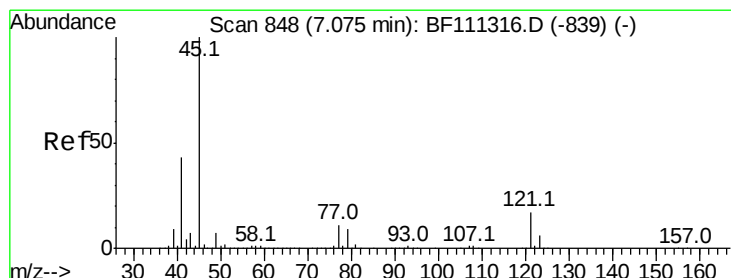
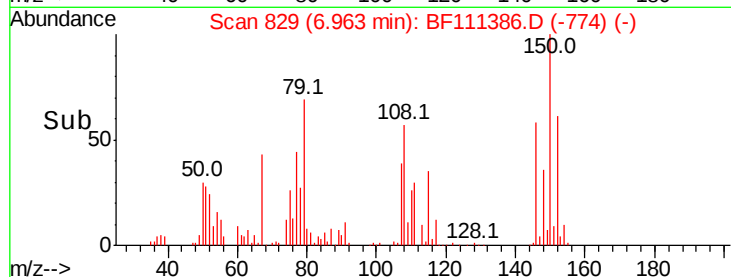
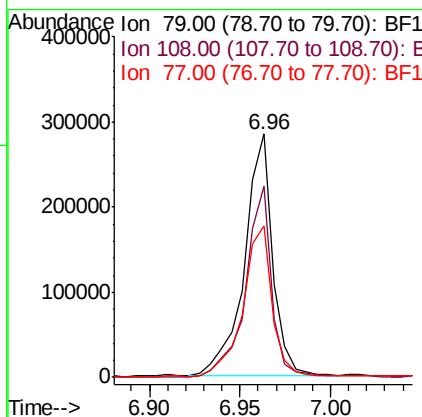
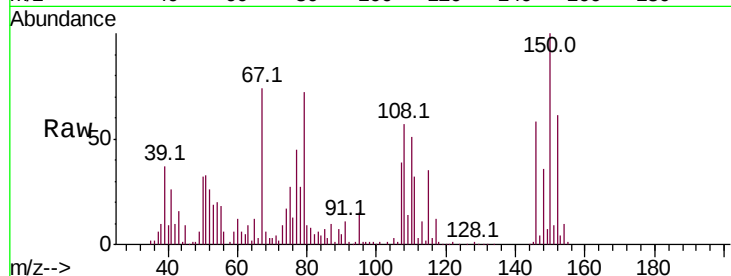
ClientSampleId :

P001-SW004-01MSD

Tot Ion:	79	Resp:	305254
Ion Ratio	Lower	Upper	
79	100		
108	78.6	69.4	104.2
77	62.5	49.7	74.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.639 ng

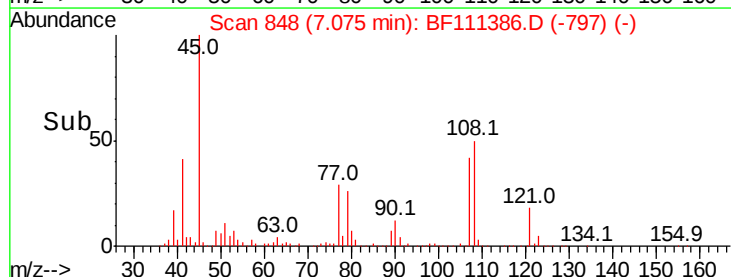
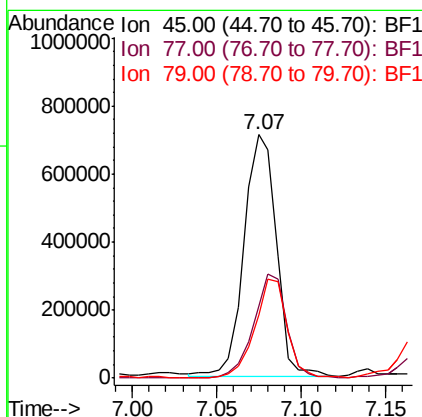
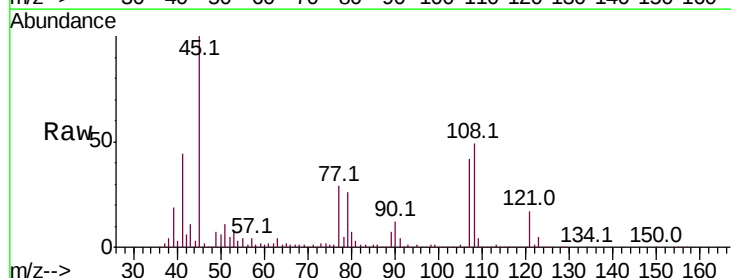
RT: 7.07 min Scan# 848

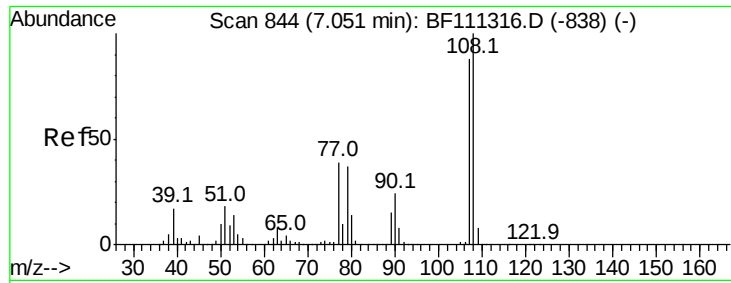
Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	45	Resp:	942882
Ion Ratio	Lower	Upper	
45	100		
77	29.4	0.0	31.5
79	25.7	0.0	28.9





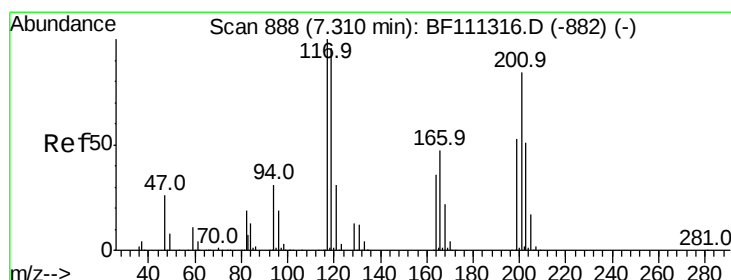
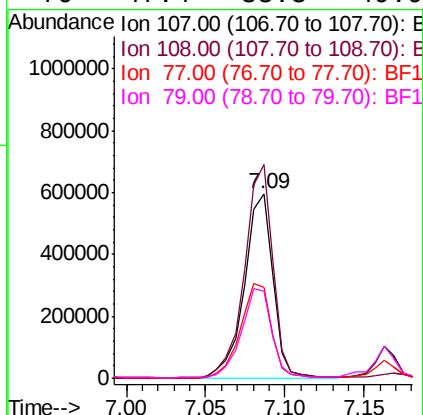
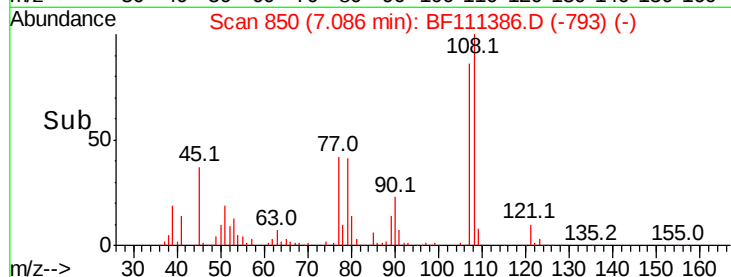
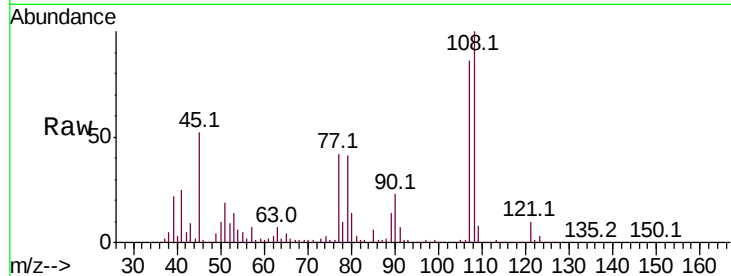
#17
2-Methylphenol
Concen: 47.756 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.04 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	91.0	136.4	
77	49.0	33.5	50.3	
79	47.4	33.3	49.9	

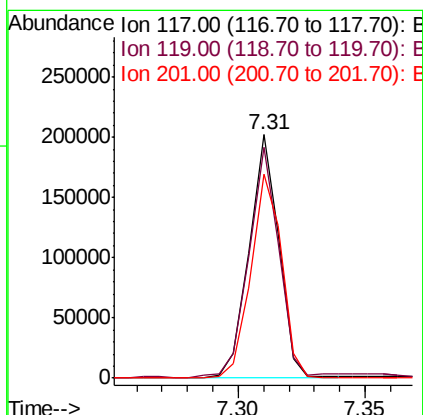
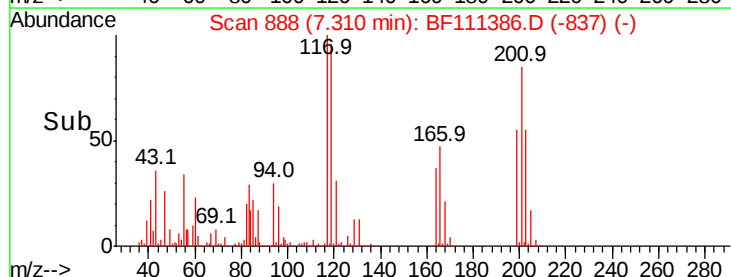
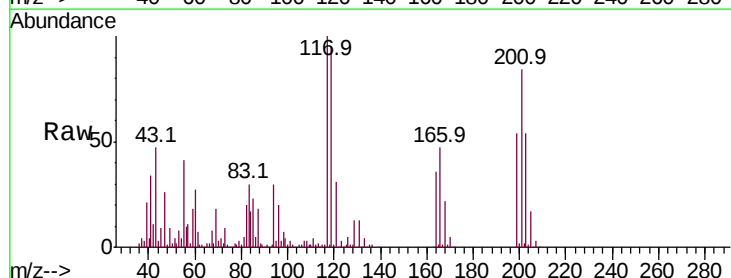
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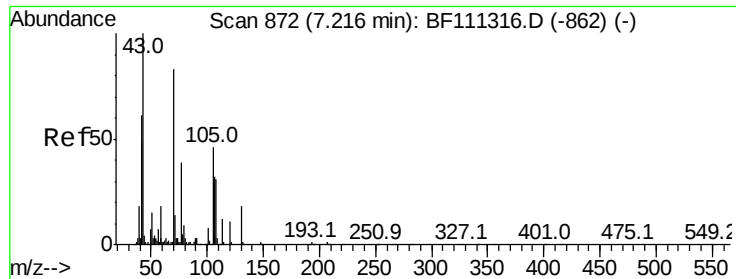
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#18
Hexachloroethane
Concen: 20.817 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	75.4	113.0	
201	83.8	62.4	93.6	





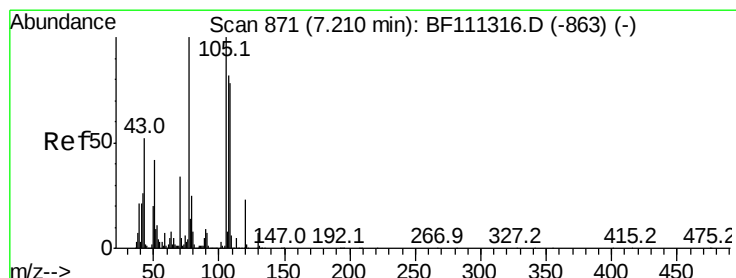
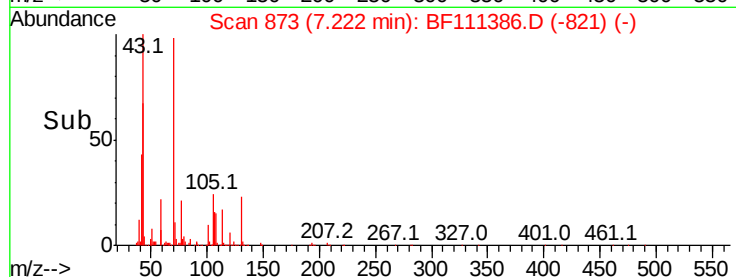
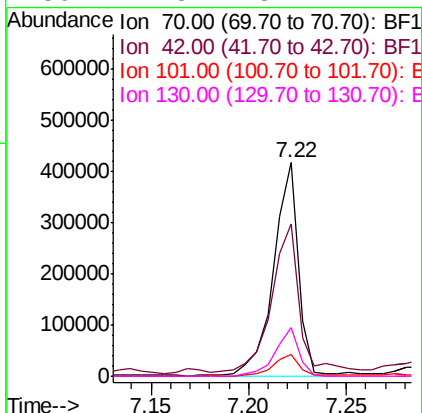
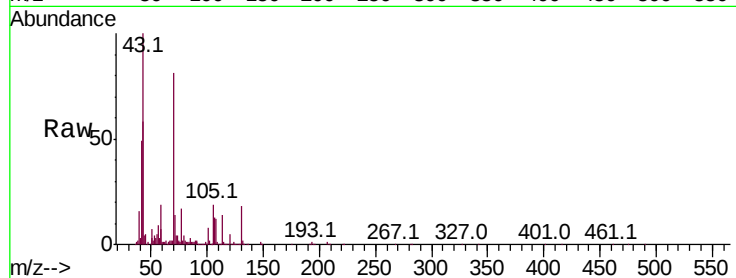
#19
n-Nitroso-di-n-propylamine
Concen: 25.932 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.3	53.2	79.8
101	10.3	8.2	12.4
130	22.8	18.1	27.1

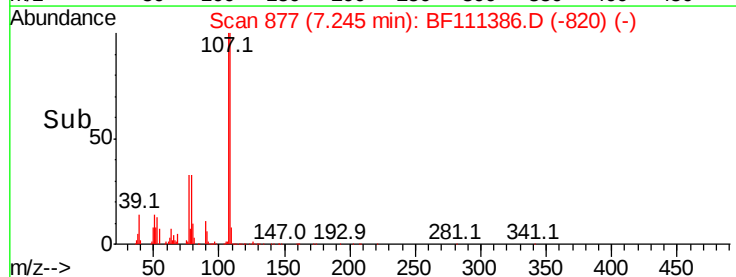
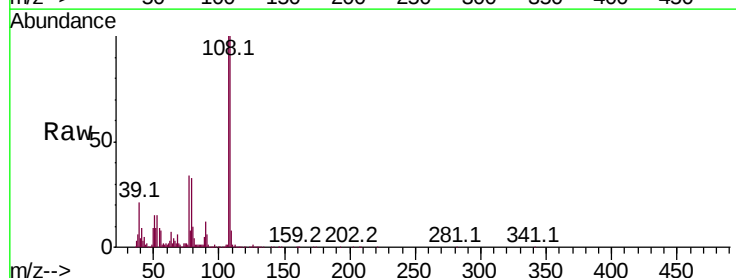
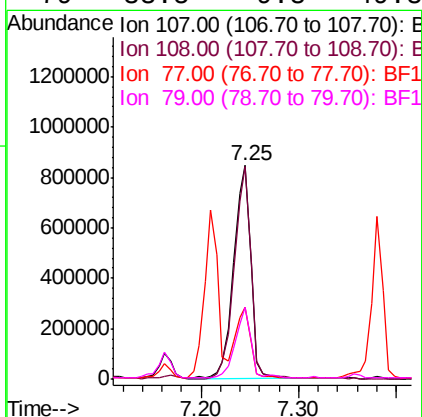
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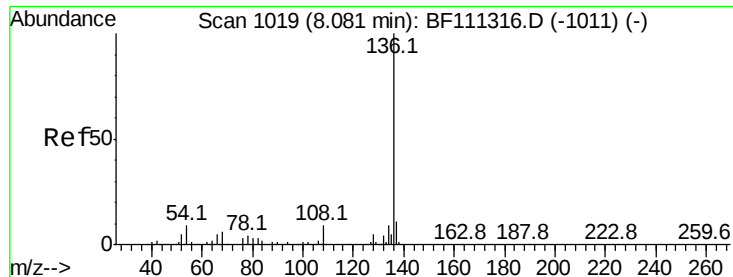
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#20
3+4-Methylphenols
Concen: 55.122 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.04 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	99.8	72.1	112.1
77	33.5	94.1	134.1#
79	33.5	9.8	49.8





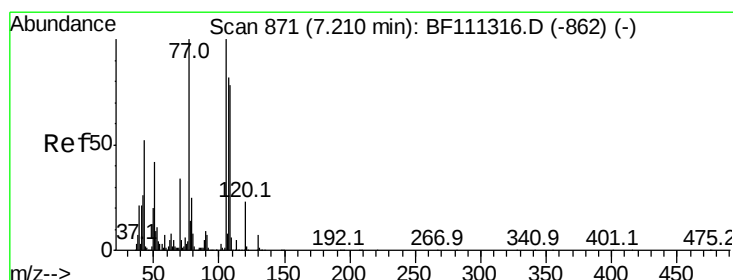
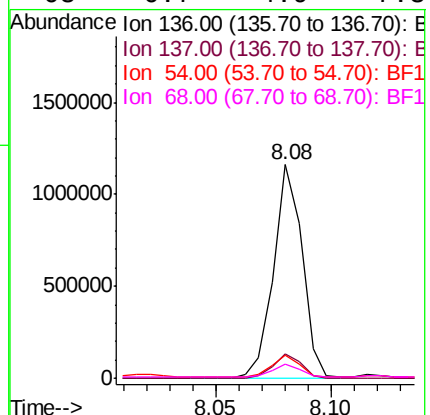
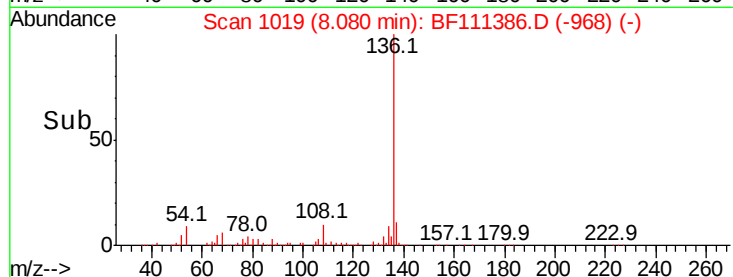
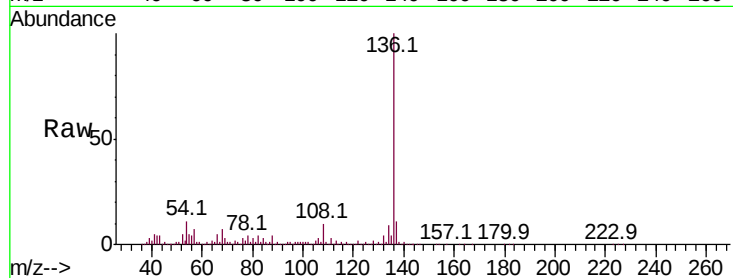
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1001131		
137	11.2		9.1	13.7
54	10.5		7.7	11.5
68	6.7		4.9	7.3

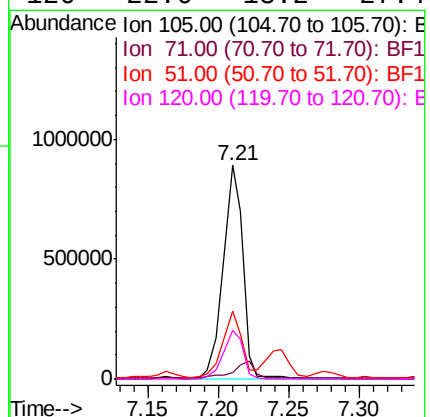
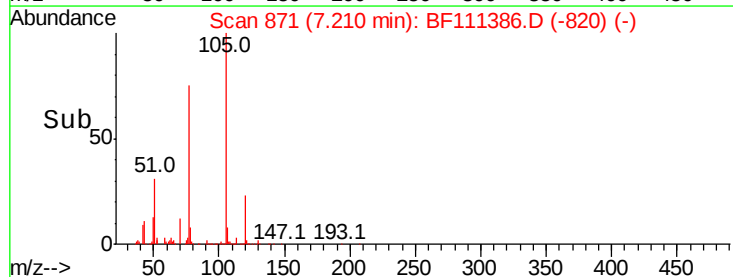
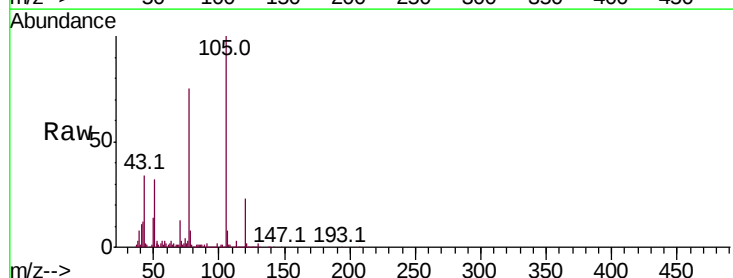
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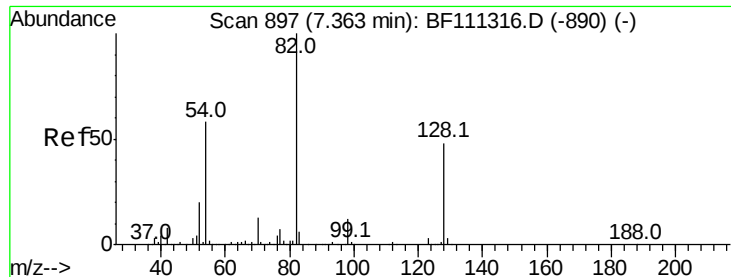
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#22
Acetophenone
Concen: 37.144 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	863780		
71	3.1		3.1	4.7
51	32.0		36.6	54.8#
120	22.6		18.2	27.4





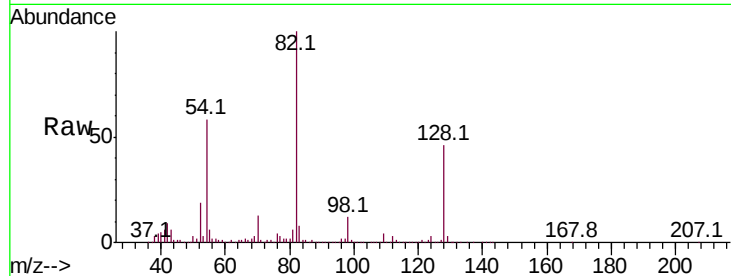
#23
Nitrobenzene-d5
Concen: 59.052 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.2
54	58.5	47.6	71.4

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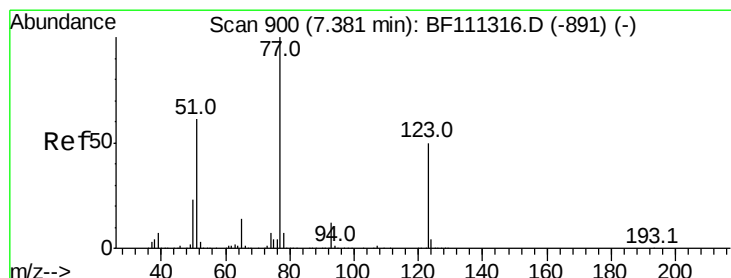
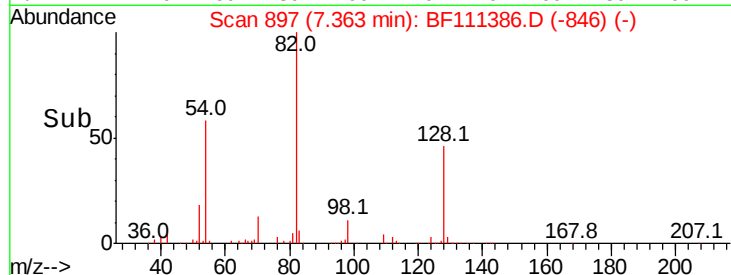
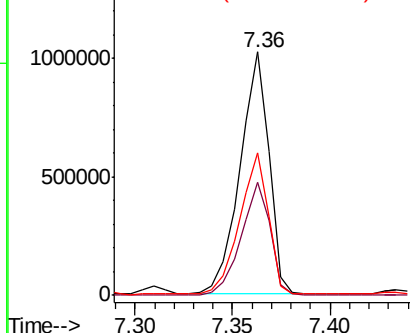


Abundance

Ion 82.00 (81.70 to 82.70): BF1

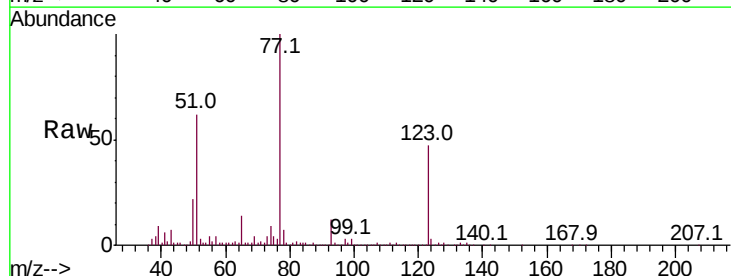
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 28.454 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.2	55.8
65	14.3	11.5	17.3

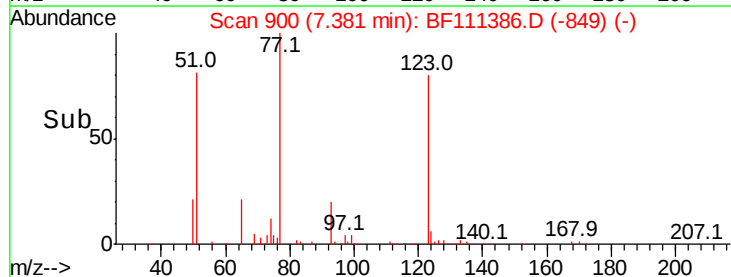
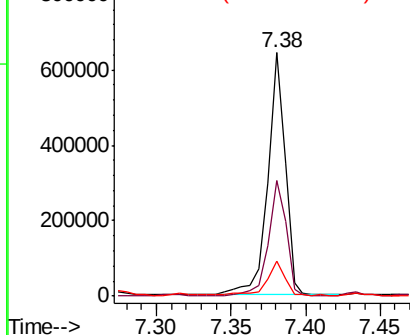


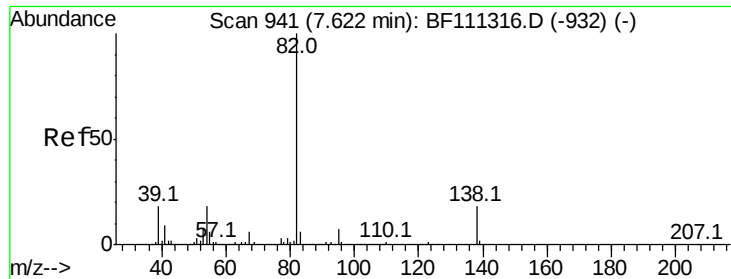
Abundance

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





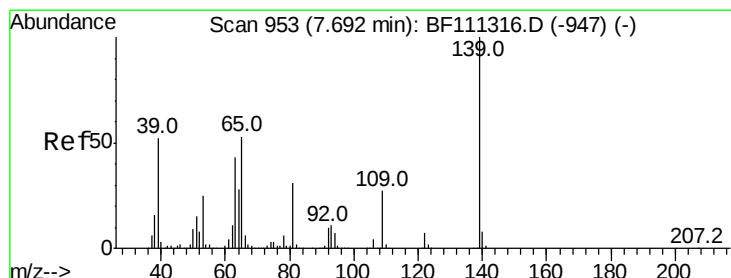
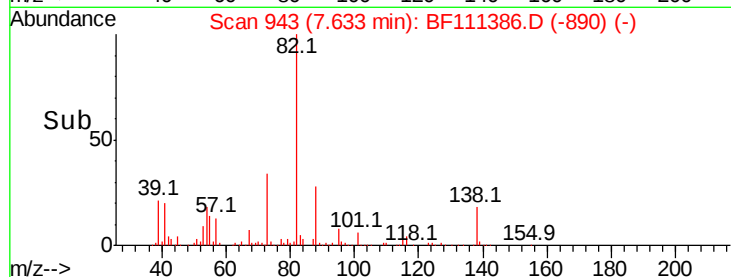
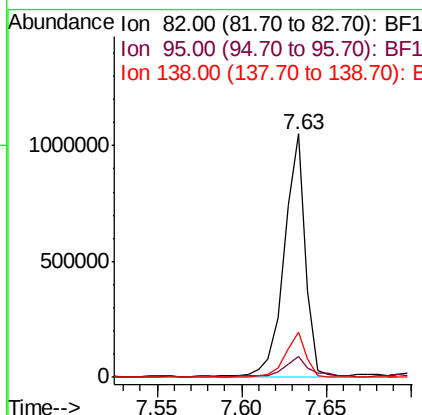
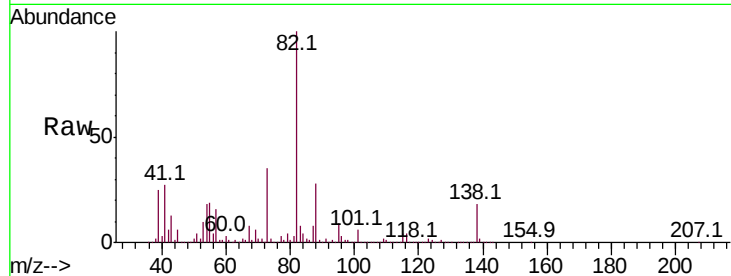
#25
Isophorone
Concen: 30.064 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.7	5.4	8.2#	
138	18.3	15.1	22.7	

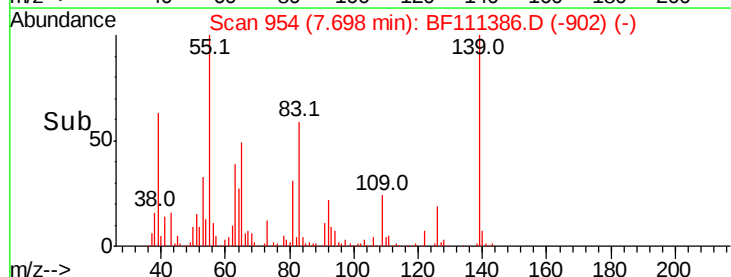
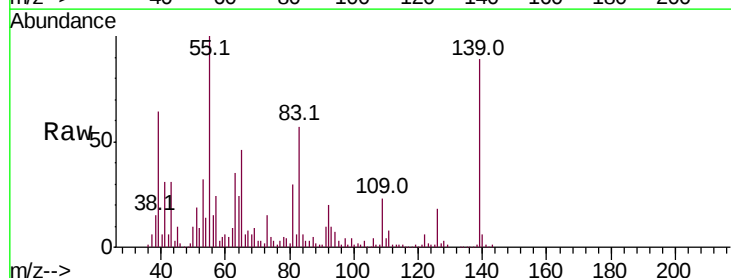
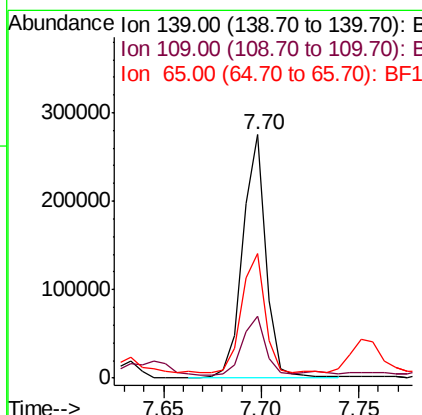
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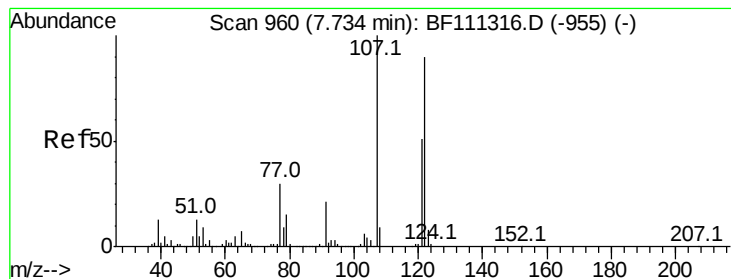
Sohil
12/14/2018 12:53:41 PM



#26
2-Nitrophenol
Concen: 25.007 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.3	20.2	30.4	
65	51.4	40.7	61.1	





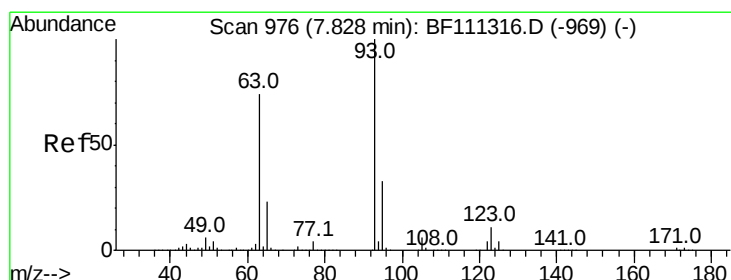
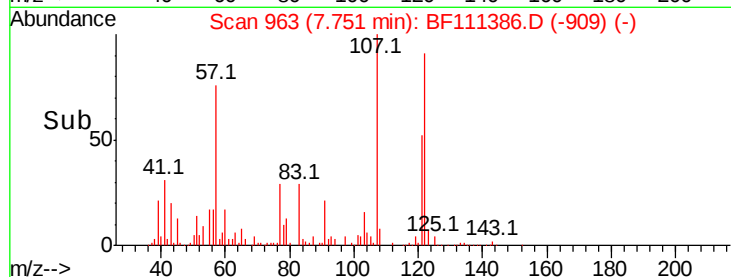
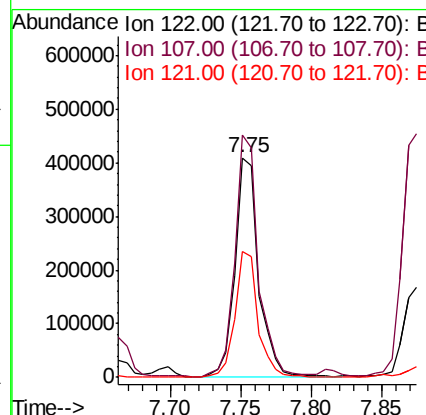
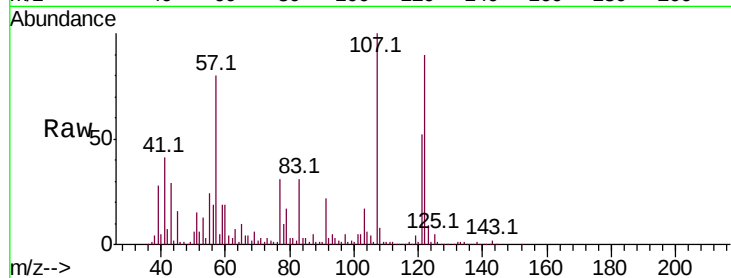
#27
 2,4-Dimethylphenol
 Concen: 34.827 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.02 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	475429		
107	110.6	85.5	128.3	
121	57.2	46.6	70.0	

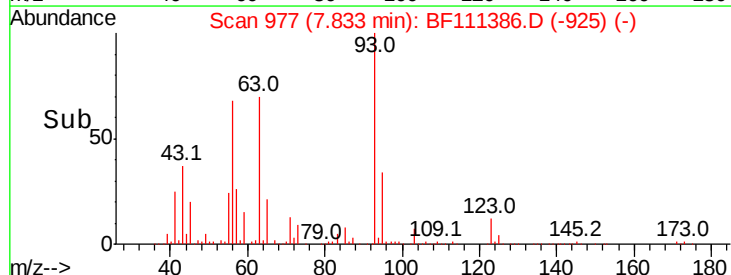
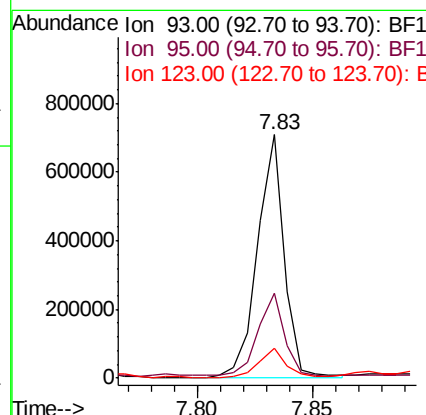
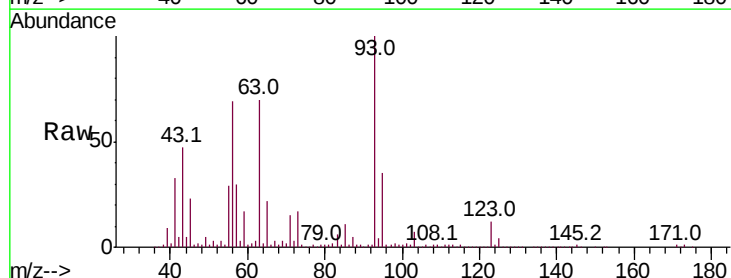
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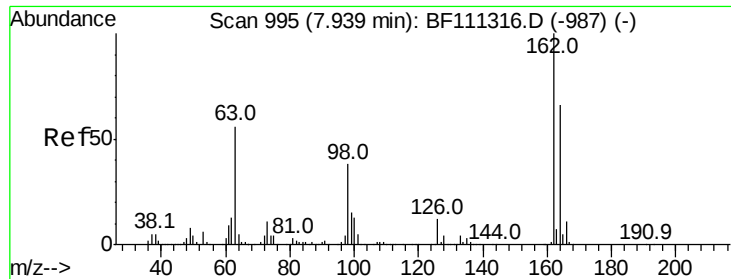
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#28
 bis(2-Chloroethoxy)methane
 Concen: 27.804 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	575788		
95	34.6	27.1	40.7	
123	12.1	9.9	14.9	





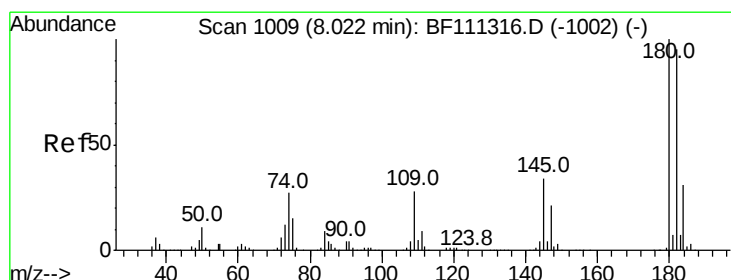
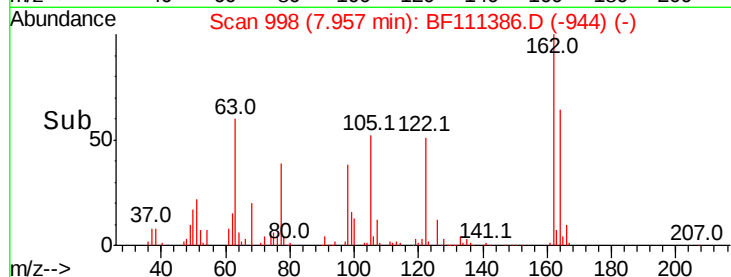
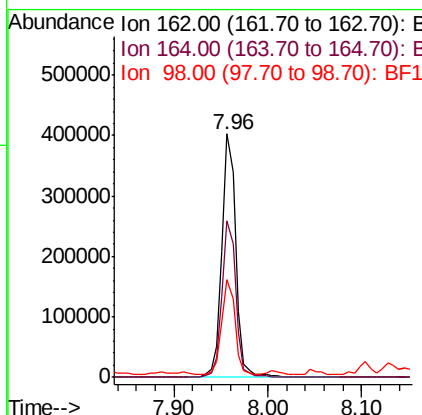
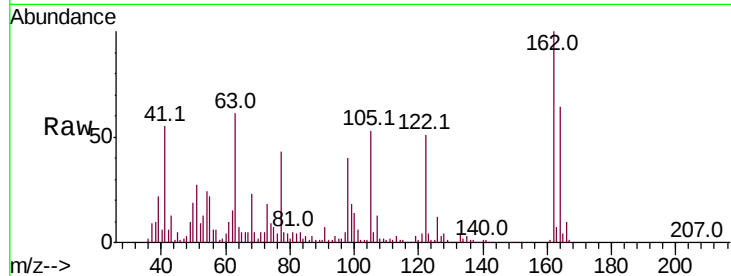
#29
2,4-Dichlorophenol
Concen: 29.573 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	421132		
164	64.1	44.4	84.4	
98	40.0	20.3	60.3	

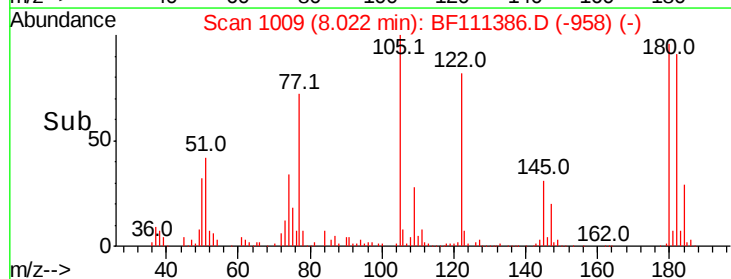
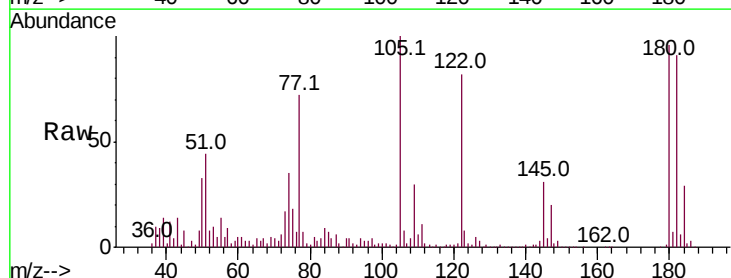
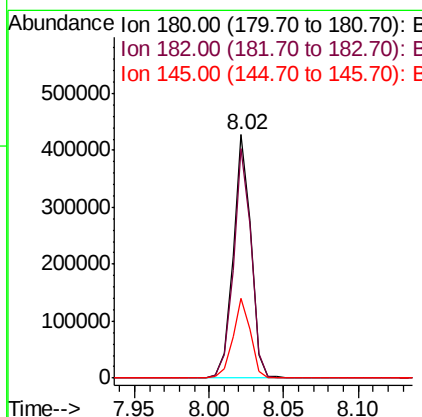
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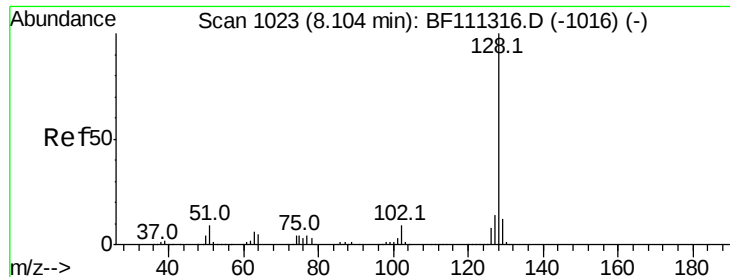
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#30
1,2,4-Trichlorobenzene
Concen: 24.565 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	359429		
182	94.3	75.6	113.4	
145	32.6	26.7	40.1	





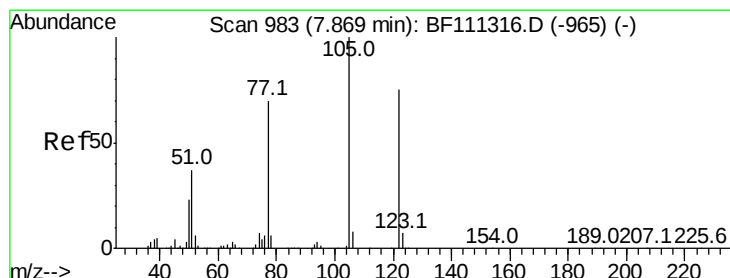
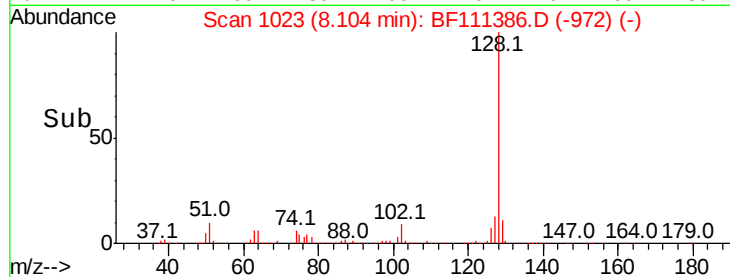
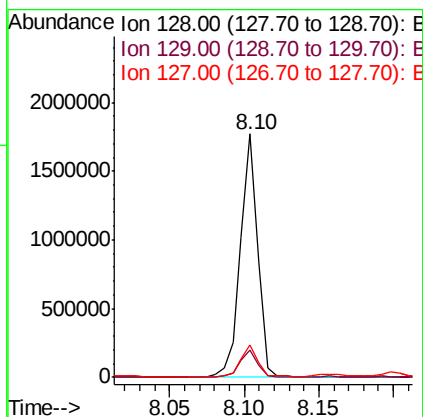
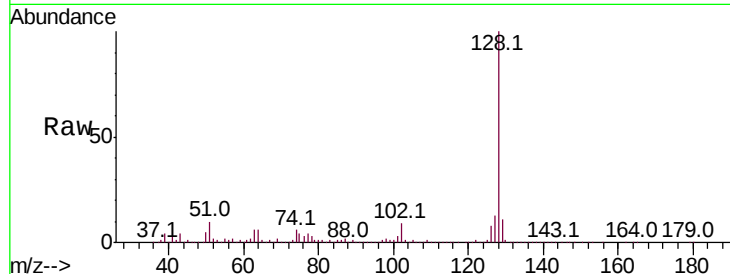
#31
Naphthalene
Concen: 30.615 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion:128 Resp: 1428007
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 13.3 12.0 18.0

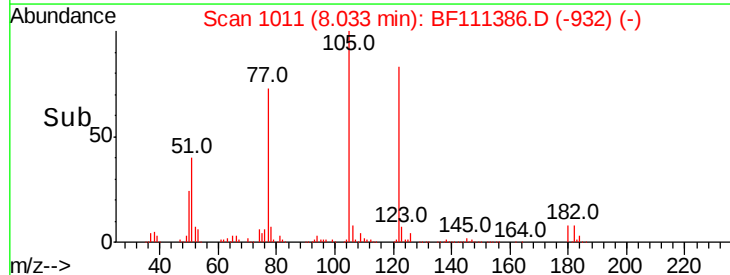
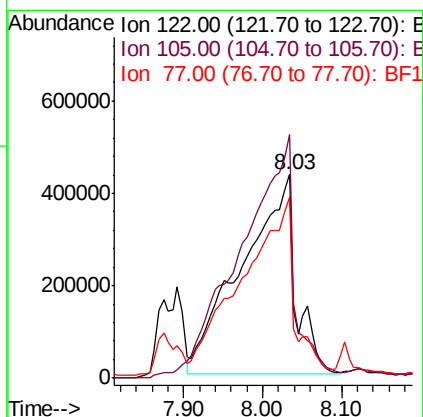
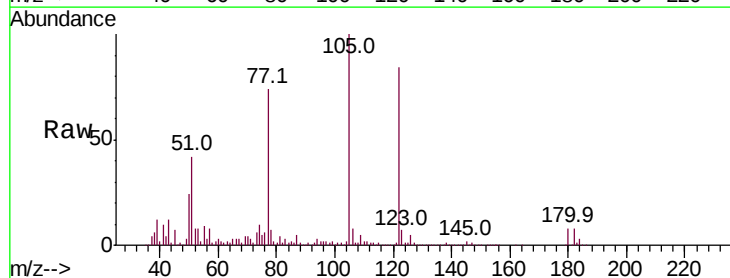
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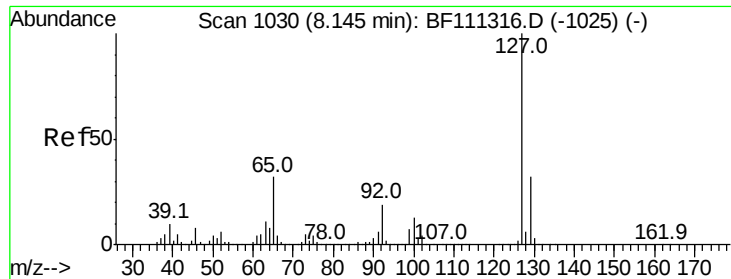
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#32
Benzoic acid
Concen: 179.913 ng m
RT: 8.03 min Scan# 1011
Delta R.T. 0.16 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:122 Resp: 2041689
Ion Ratio Lower Upper
122 100
105 119.8 97.0 137.0
77 89.1 65.7 105.7





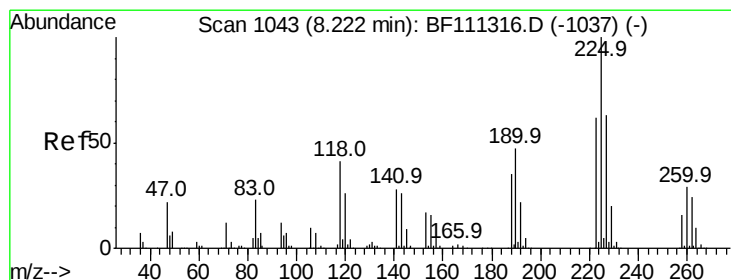
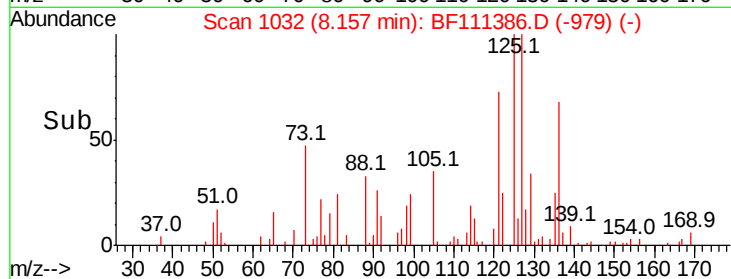
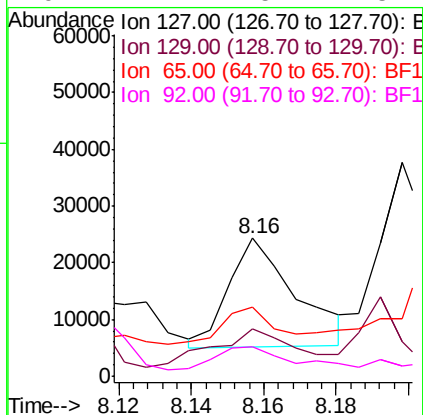
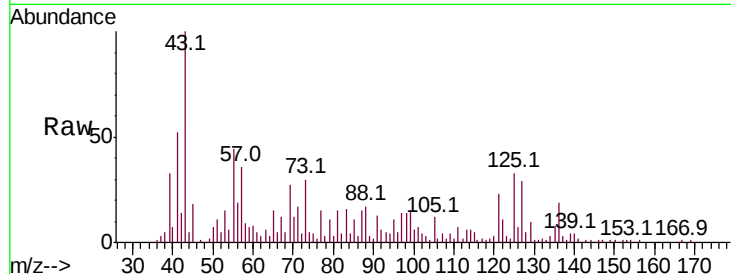
#33
4-Chloroaniline
Concen: 1.222 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.6	39.8
65	50.4	25.7	38.5
92	21.2	15.4	23.2

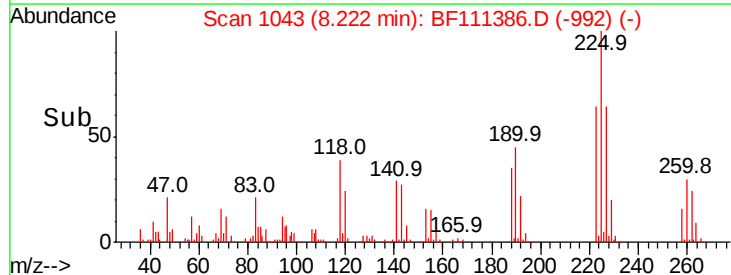
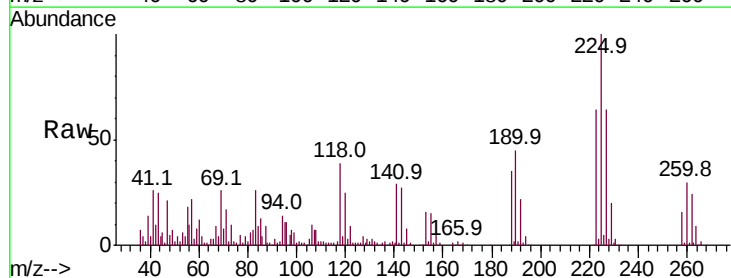
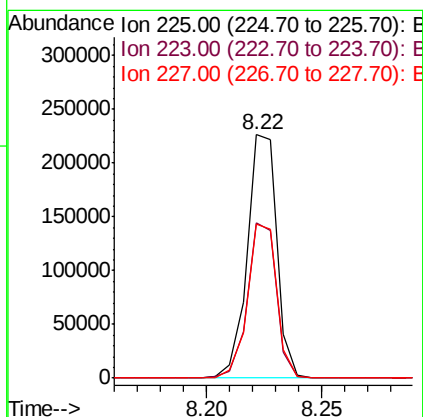
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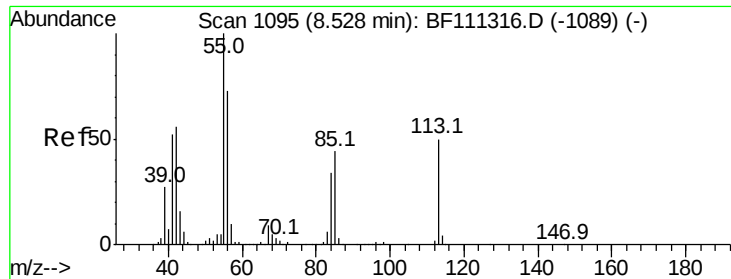
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#34
Hexachlorobutadiene
Concen: 25.059 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.7	76.1
227	63.5	52.6	78.8





#35

Caprolactam

Concen: 4.590 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

Tot Ion:113 Resp: 22905

Ion Ratio Lower Upper

113 100

55 509.7 184.1 224.1#

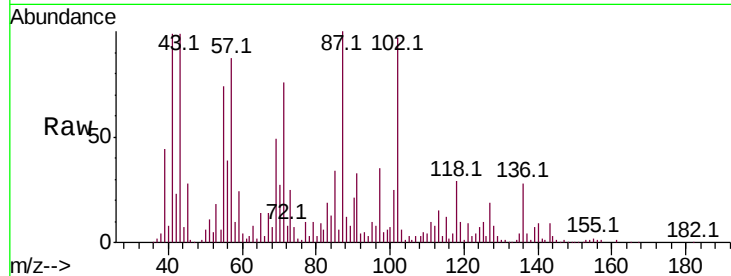
56 269.9 126.0 166.0#

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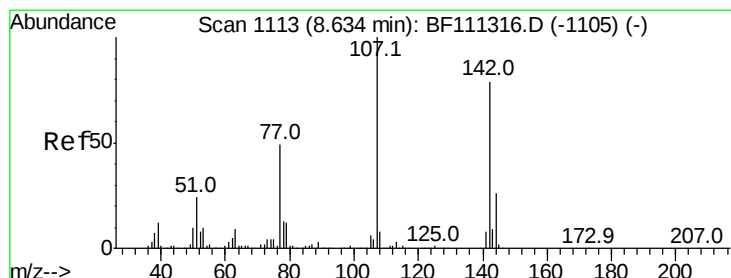
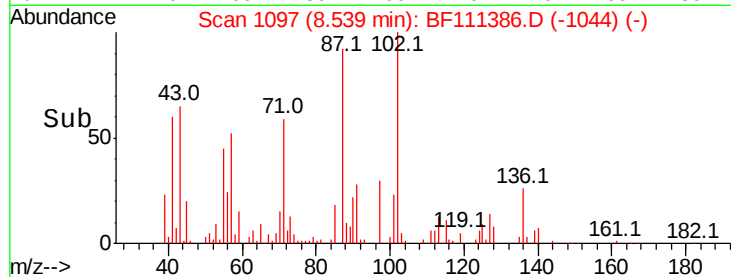
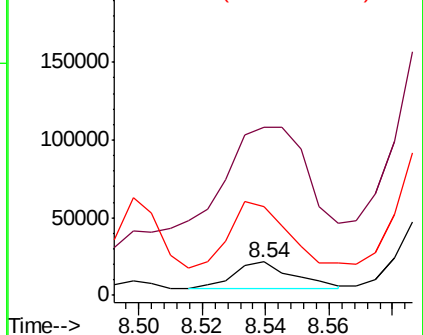
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 25.985 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.05 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

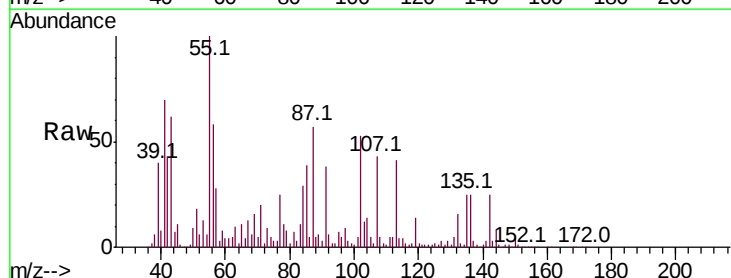
Tgt Ion:107 Resp: 394327

Ion Ratio Lower Upper

107 100

144 19.7 19.8 29.6#

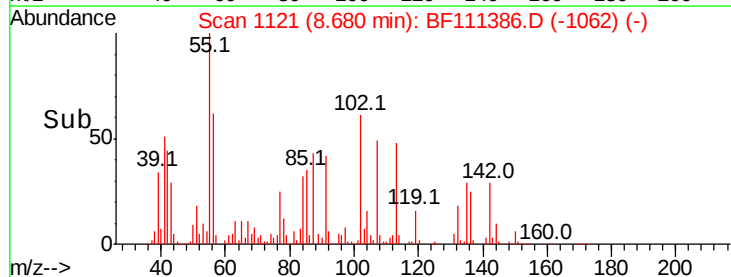
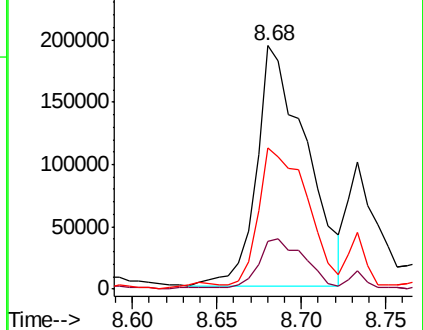
142 58.2 62.3 93.5#

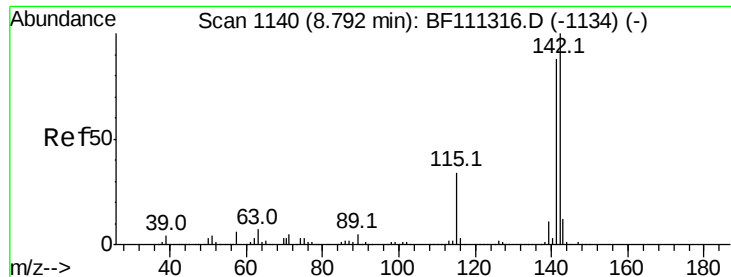


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





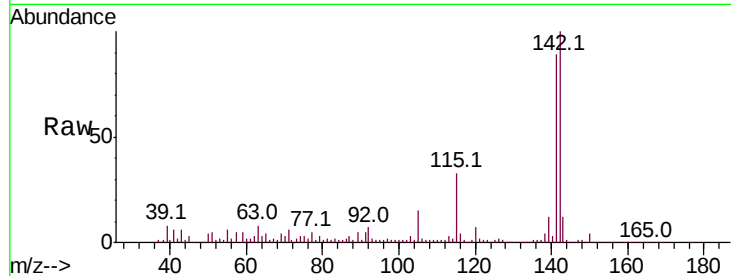
#37
2-Methylnaphthalene
Concen: 32.174 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

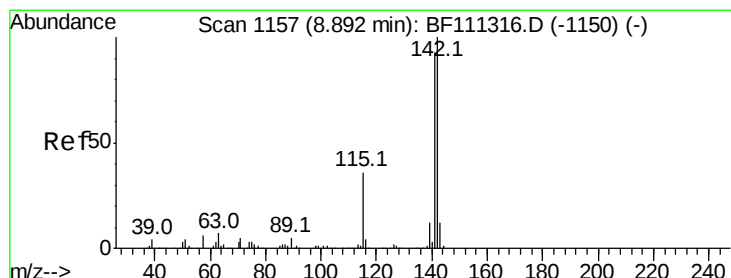
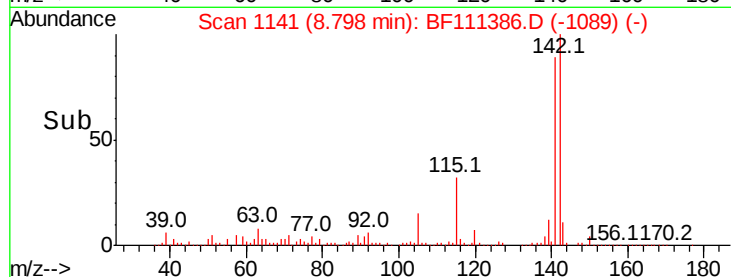
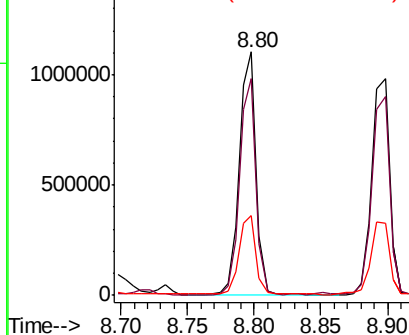
Tot Ion	Ratio	Resp	Lower	Upper
142	100	970108		
141	89.0	70.6	105.8	
115	32.7	27.0	40.6	

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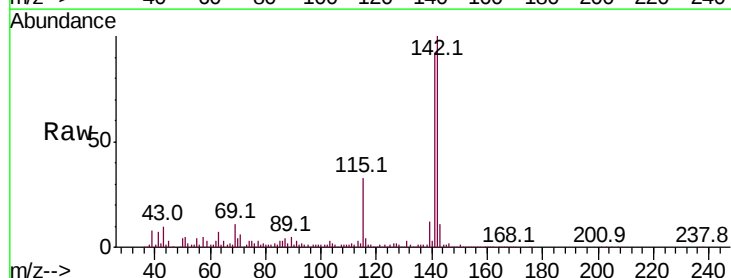


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

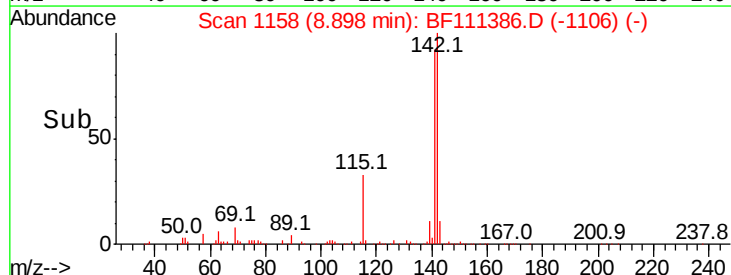
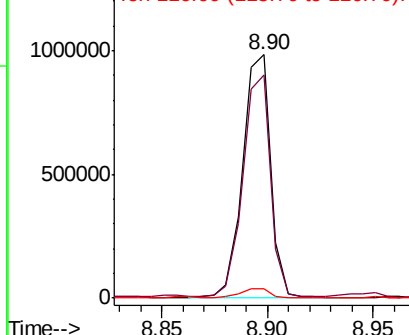


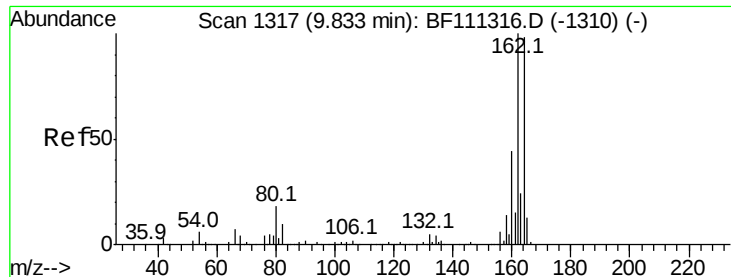
#38
1-Methylnaphthalene
Concen: 30.812 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	896671		
141	91.6	74.2	111.4	
116	3.8	2.9	4.3	



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





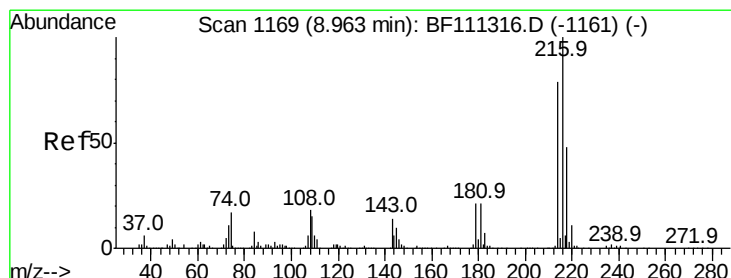
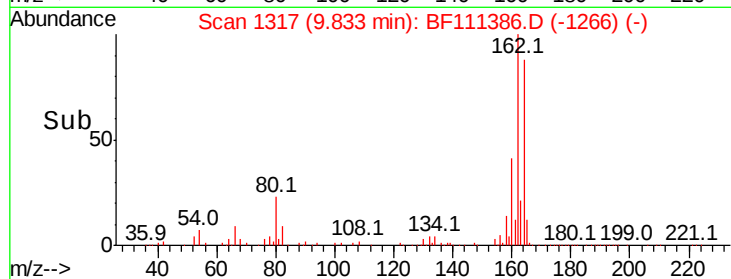
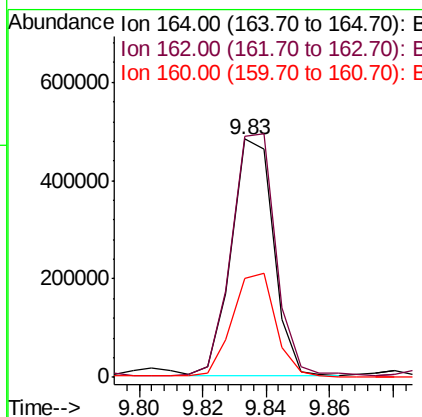
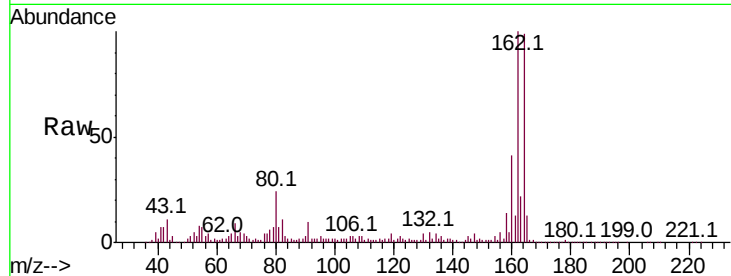
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	41.8	35.7	53.5

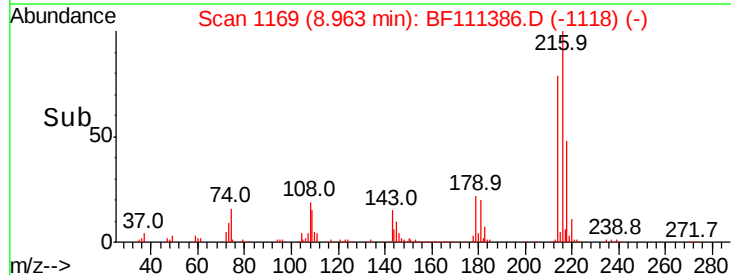
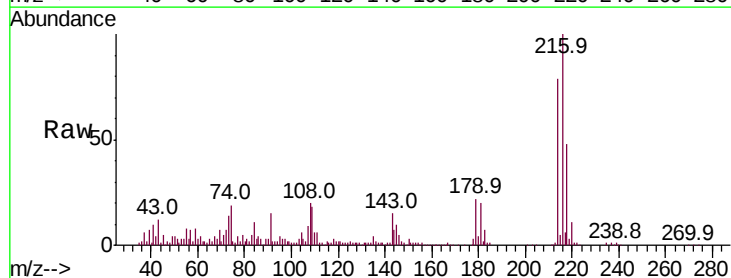
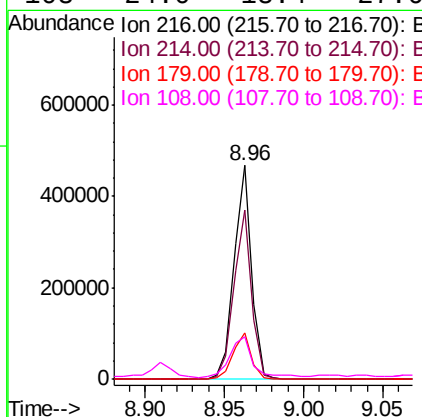
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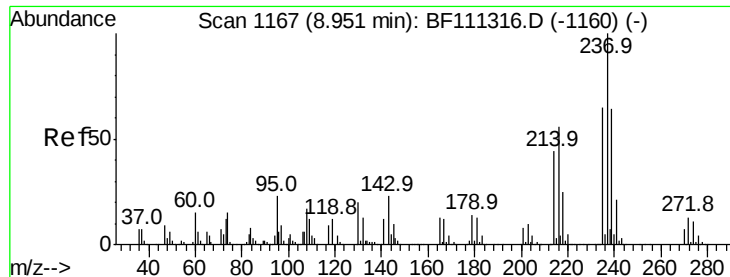
Sohil
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.024 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	22.4	17.9	26.9
108	24.0	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 15.881 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

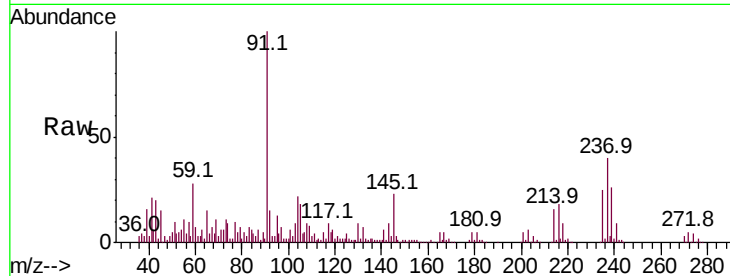
ClientSampleId :

P001-SW004-01MSD

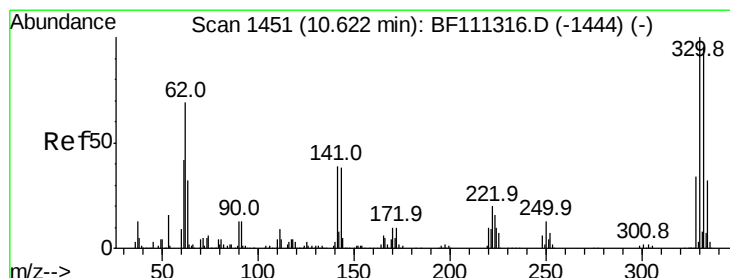
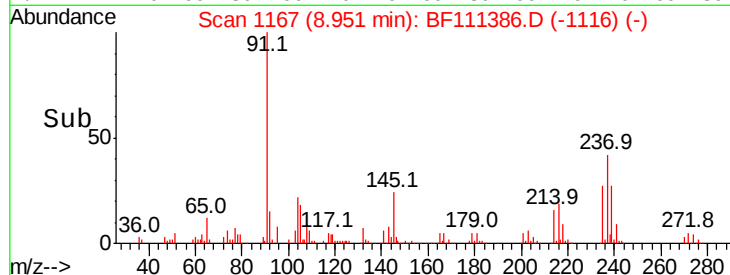
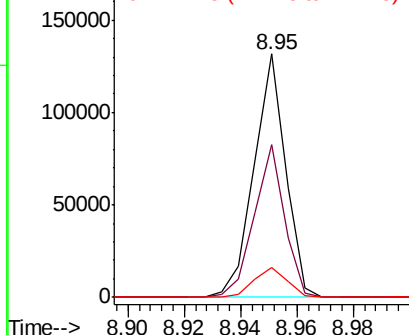
Tot Ion:	237	Resp:	102431
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.1	83.1
272	12.2	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 70.286 ng

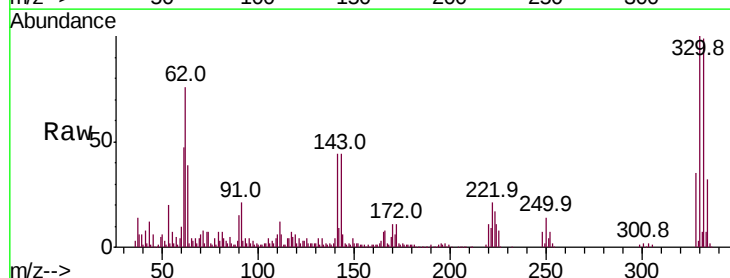
RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

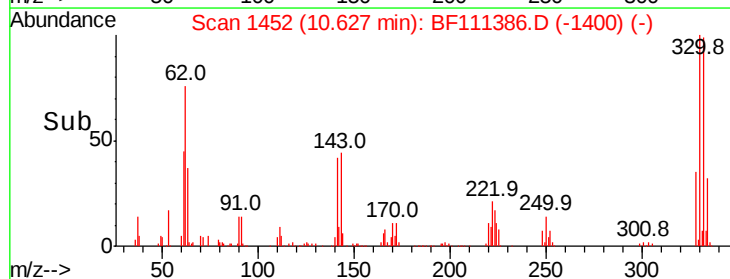
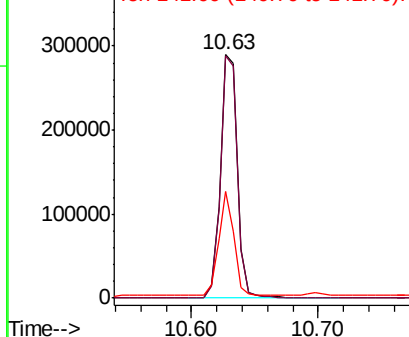
Lab File: BF111386.D

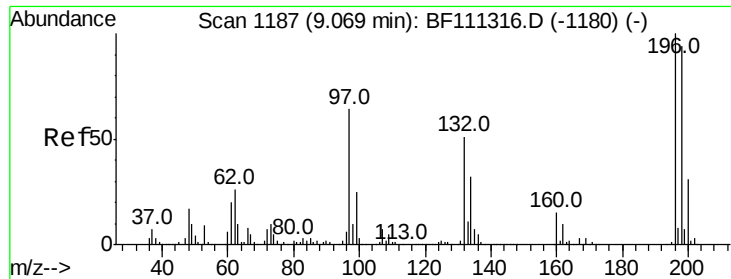
Acq: 13 Dec 2018 22:48

Tgt Ion:	330	Resp:	272261
Ion Ratio	Lower	Upper	
330	100		
332	99.1	76.0	114.0
141	38.6	31.0	46.6



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





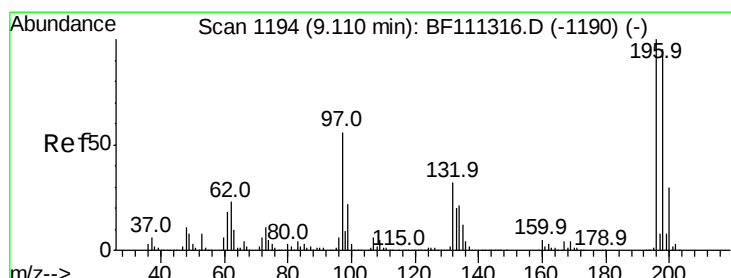
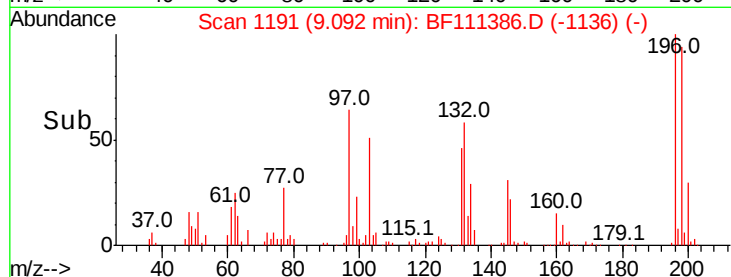
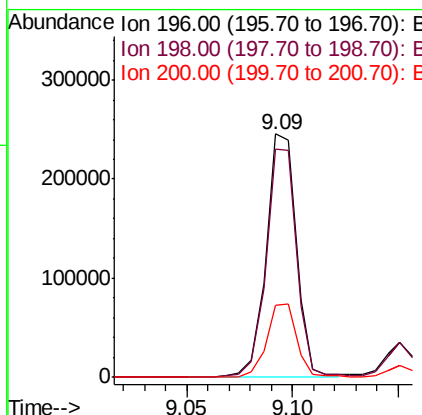
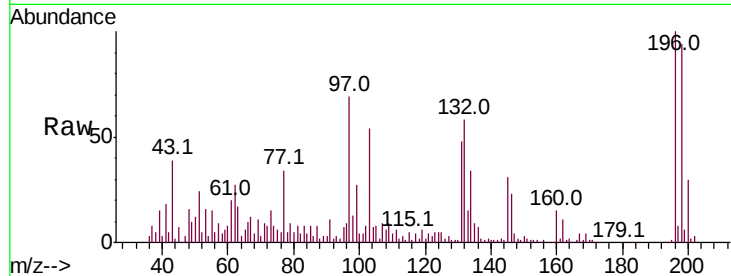
#43
 2,4,6-Trichlorophenol
 Concen: 27.783 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.02 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245623		
198	93.7	76.3	114.5	
200	29.6	24.9	37.3	

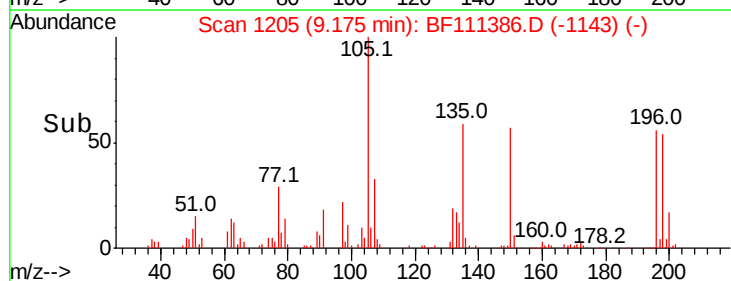
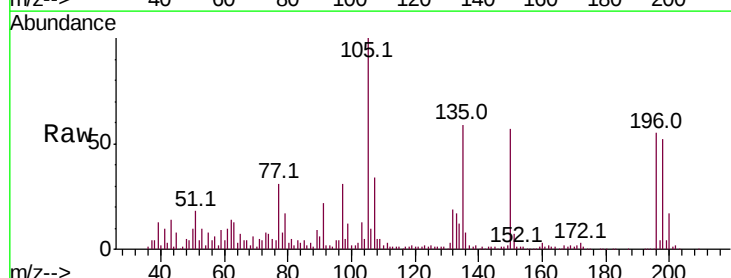
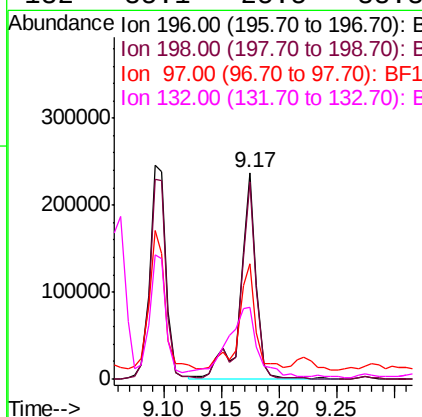
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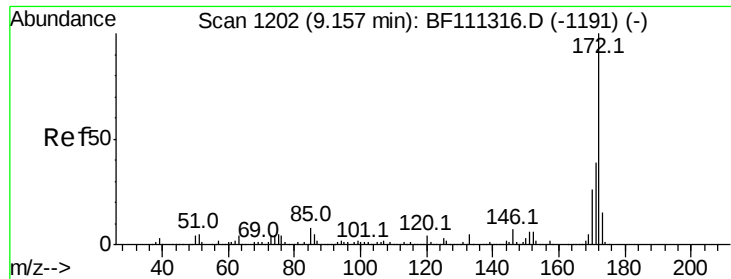
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 24.011 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.06 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	224345		
198	95.9	72.9	109.3	
97	56.0	45.3	67.9	
132	35.1	25.5	38.3	





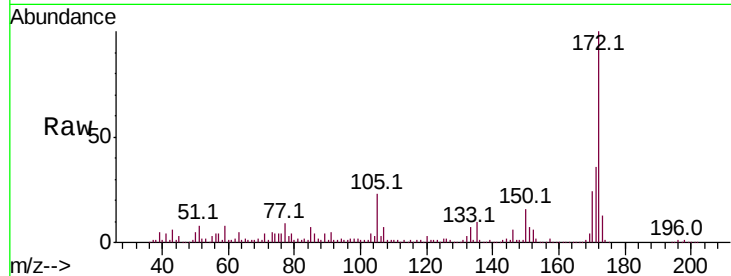
#45
2-Fluorobiphenyl
Concen: 60.574 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

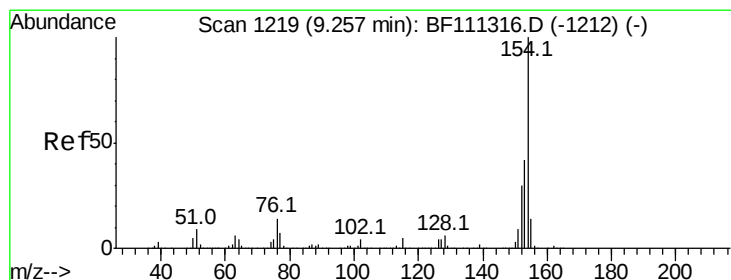
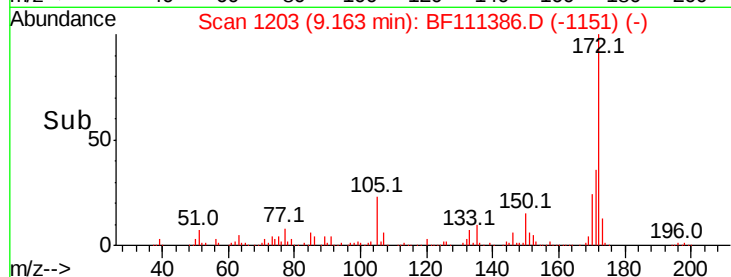
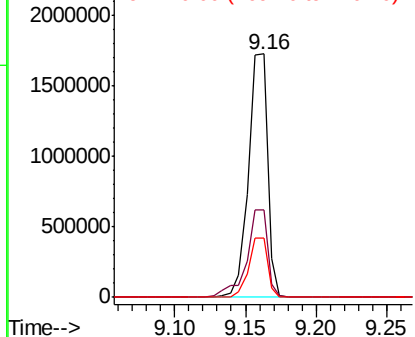
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	24.1	22.3	33.5

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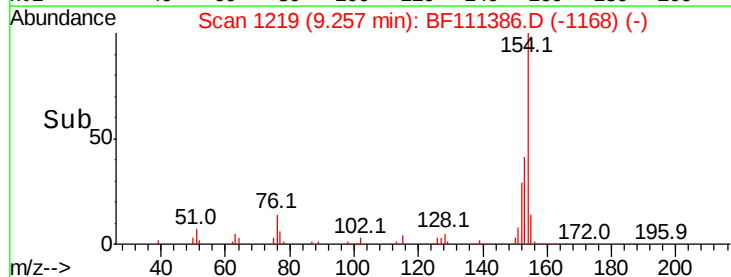
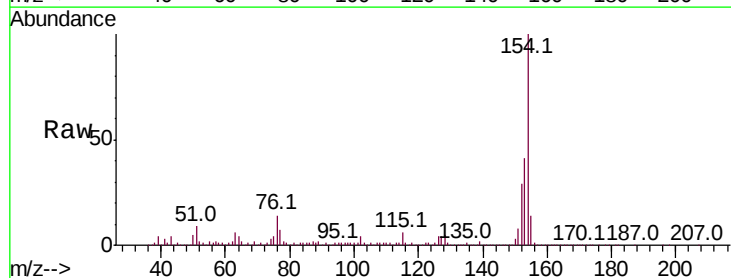
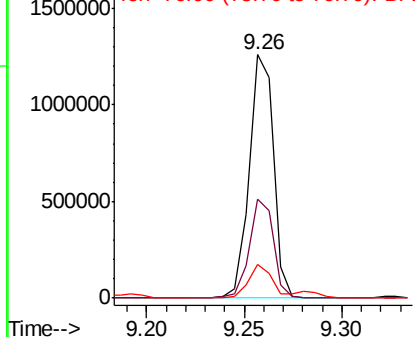
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

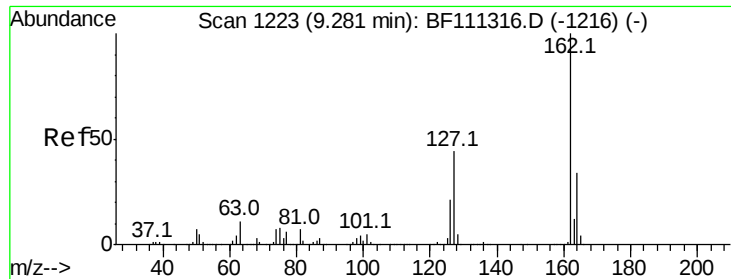


#46
1,1'-Biphenyl
Concen: 28.916 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.7	63.7
76	13.9	0.0	35.0

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





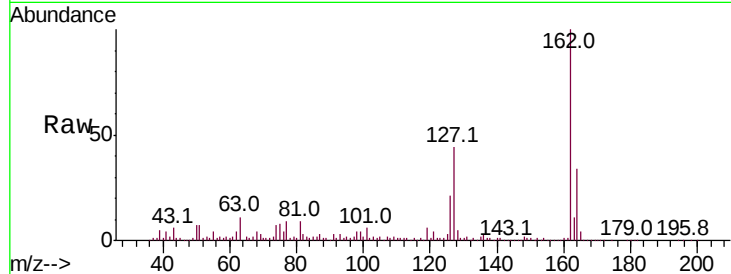
#47
 2-Chloronaphthalene
 Concen: 28.548 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

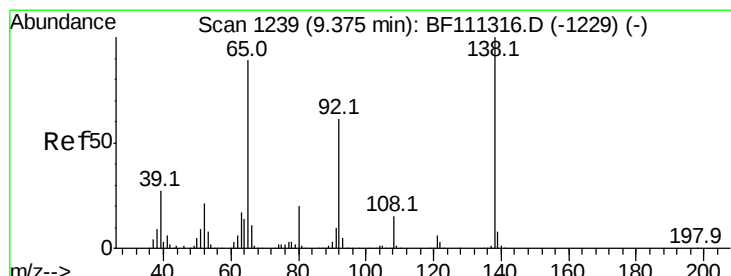
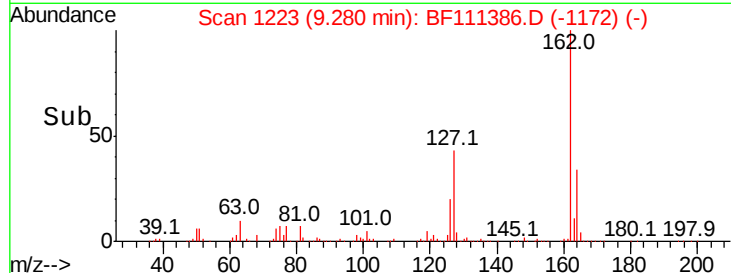
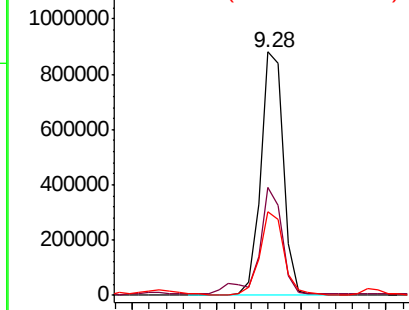
Tot Ion:	162	Resp:	819705
Ion Ratio	Lower	Upper	
162	100		
127	44.1	35.0	52.4
164	34.1	28.4	42.6

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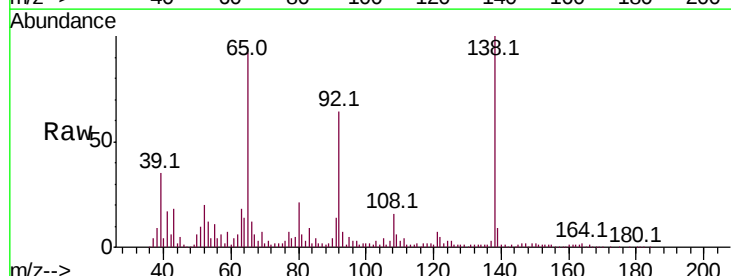


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

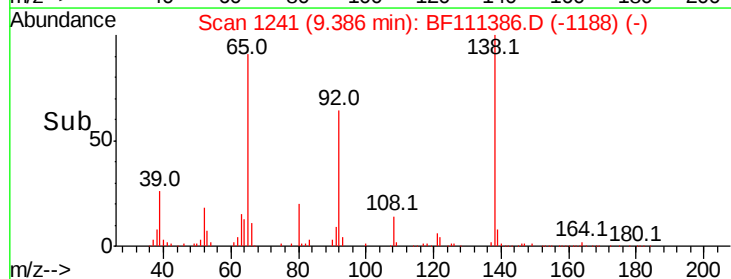
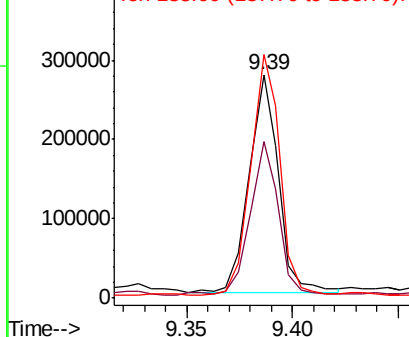


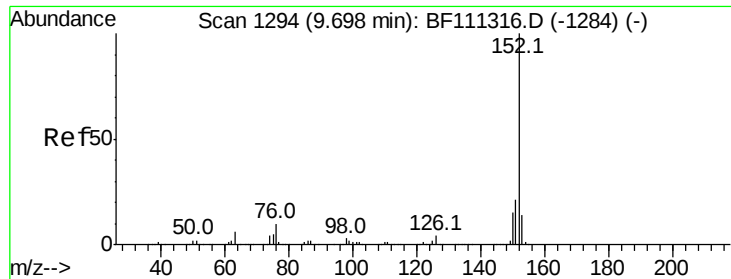
#48
 2-Nitroaniline
 Concen: 28.270 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion:	65	Resp:	263775
Ion Ratio	Lower	Upper	
65	100		
92	70.0	53.5	80.3
138	109.1	80.9	121.3



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





#49

Acenaphthylene

Concen: 30.106 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

Tot Ion:152 Resp: 1262943

Ion Ratio Lower Upper

152 100

151 20.3 18.0 27.0

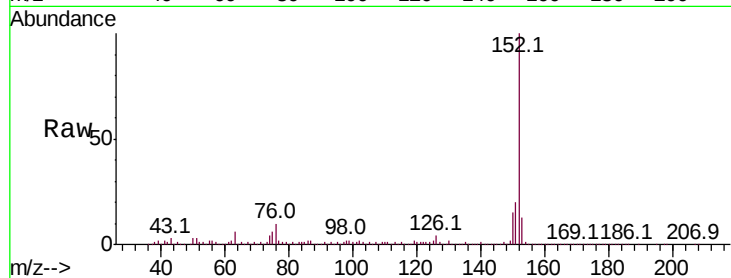
153 13.1 12.3 18.5

Manual Integrations

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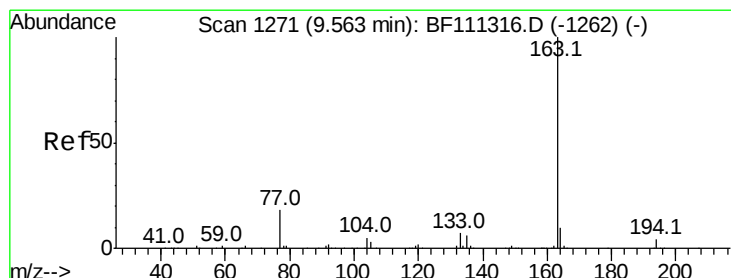
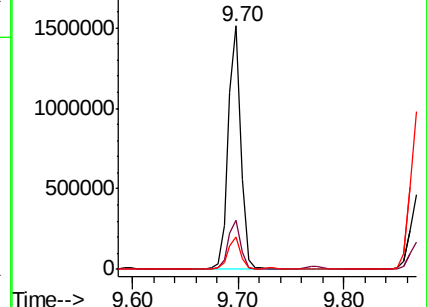
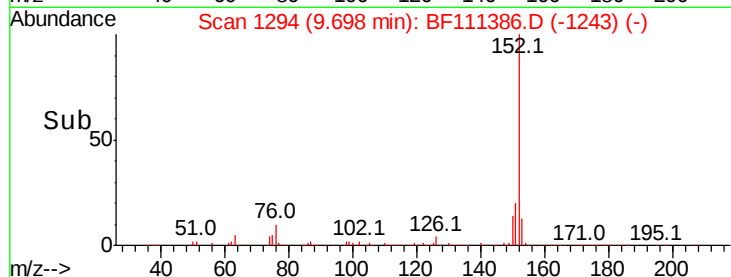
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 33.275 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

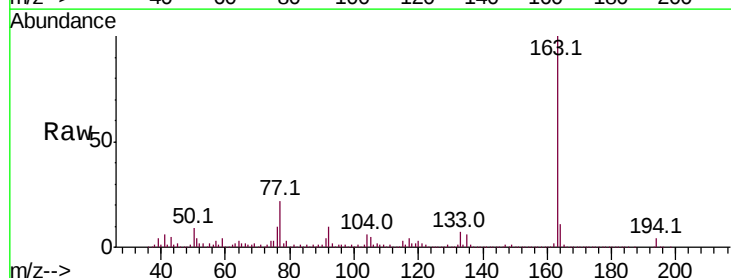
Tgt Ion:163 Resp: 1051473

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

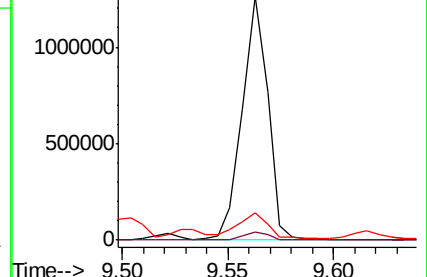
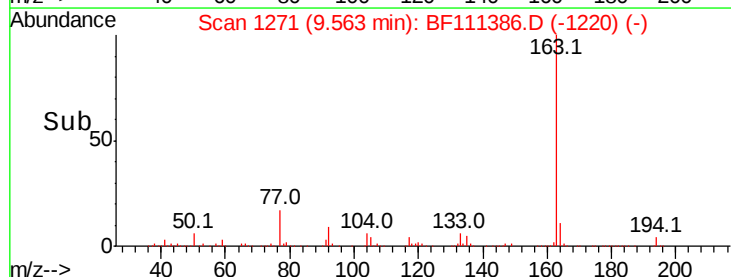
164 11.2 8.9 13.3

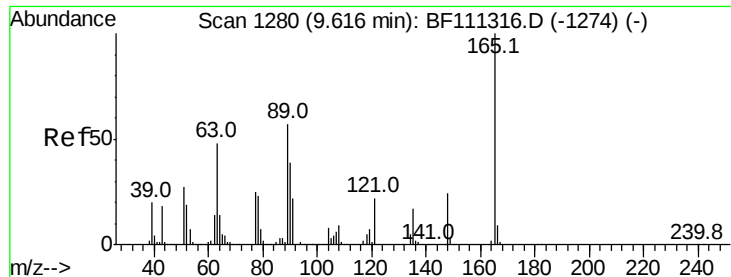


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





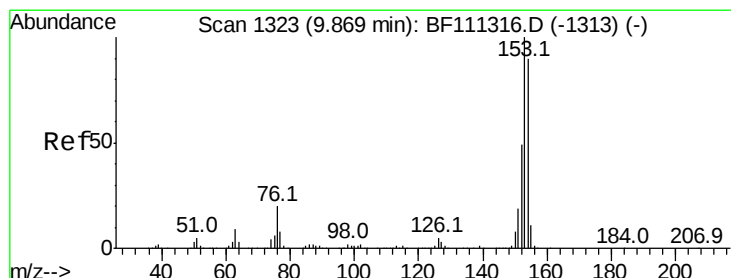
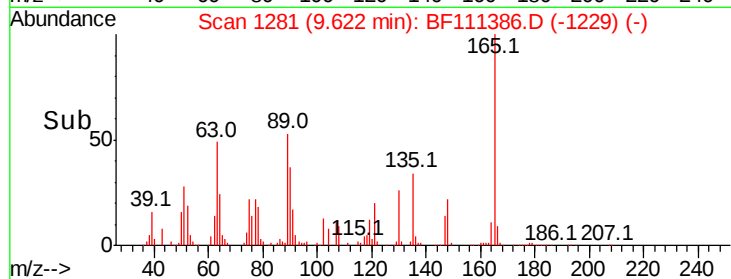
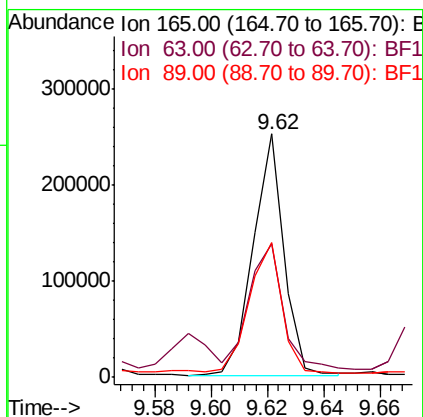
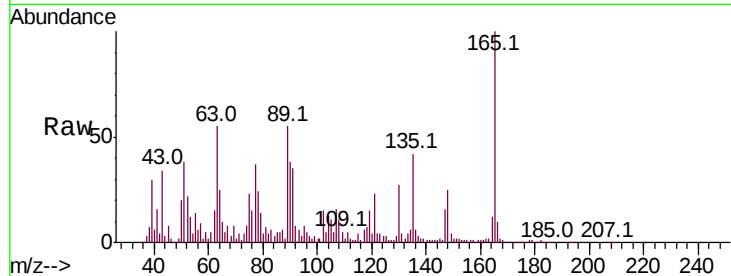
#51
2,6-Dinitrotoluene
Concen: 27.125 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	190001		
63	54.7	40.5	60.7	
89	55.2	40.0	60.0	

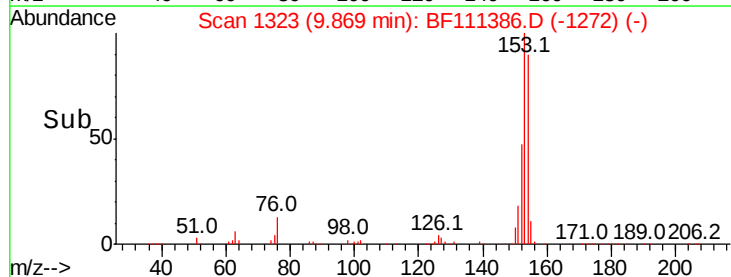
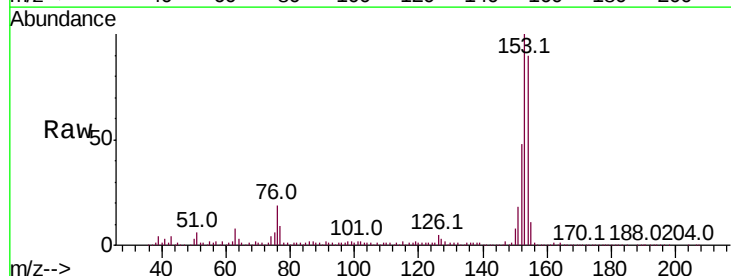
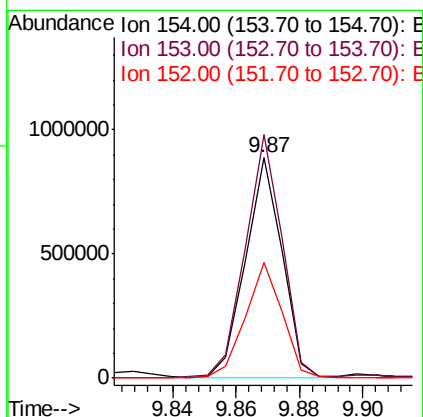
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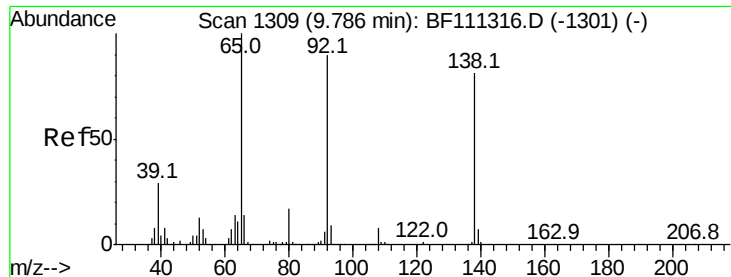
Sohil
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#52
Acenaphthene
Concen: 26.665 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	705538		
153	110.6	87.8	131.8	
152	52.6	43.4	65.2	





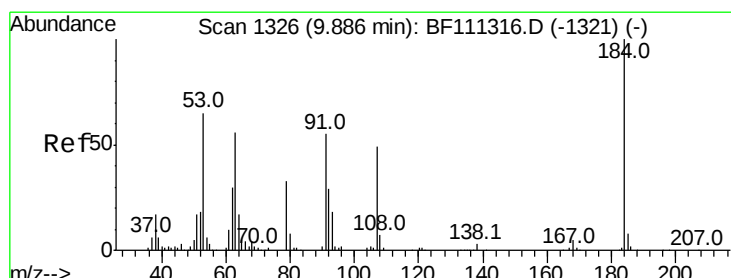
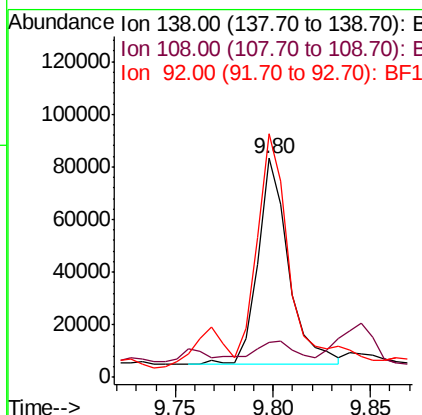
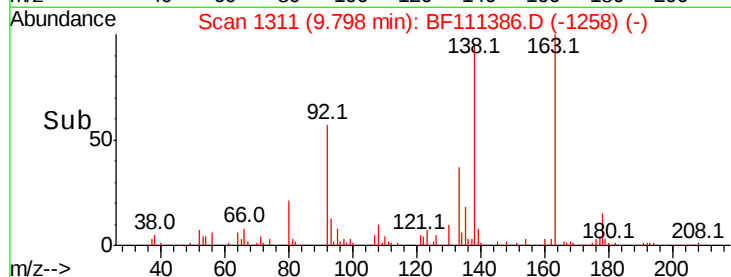
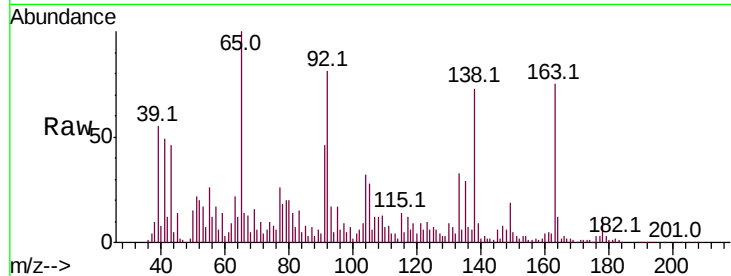
#53
3-Nitroaniline
Concen: 10.175 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion:138 Resp: 85663
Ion Ratio Lower Upper
138 100
108 15.8 8.2 12.4#
92 111.2 93.4 140.2

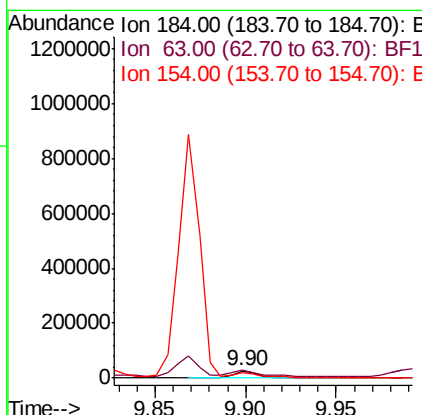
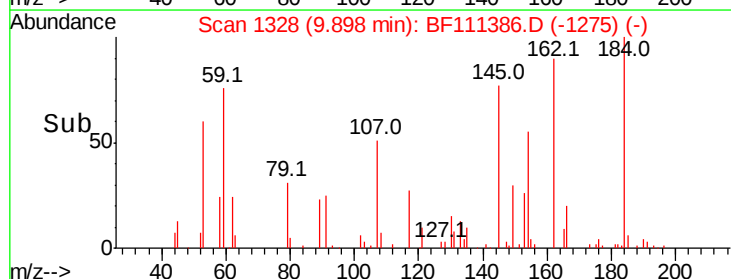
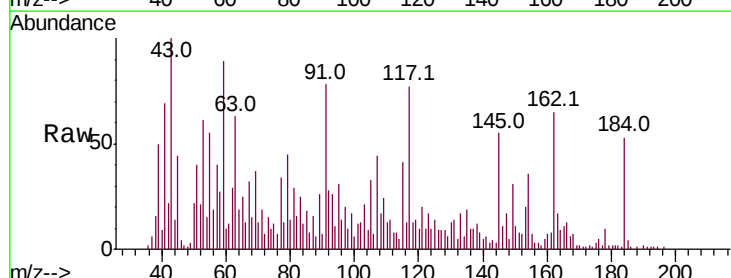
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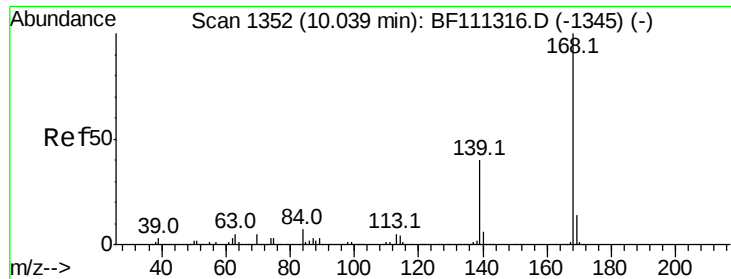
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#54
2,4-Dinitrophenol
Concen: 9.459 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion:184 Resp: 25995
Ion Ratio Lower Upper
184 100
63 118.8 62.3 93.5#
154 67.5 56.2 84.2





#55

Dibenzofuran

Concen: 27.419 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MSD

Tot Ion:168 Resp: 1047348

Ion Ratio Lower Upper

168 100

139 38.3 32.6 49.0

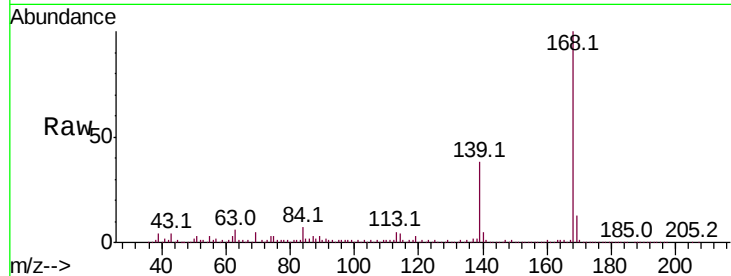
169 13.4 11.8 17.6

Manual Integrations

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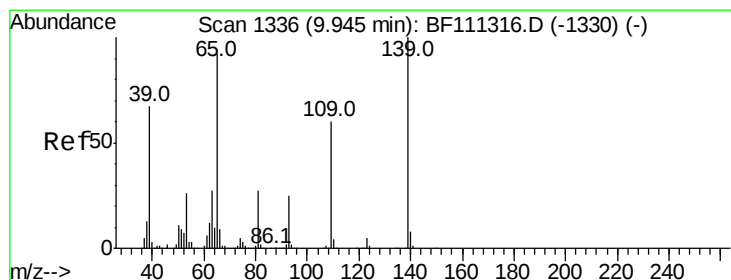
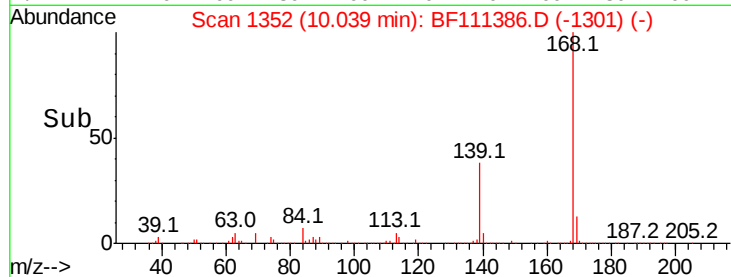
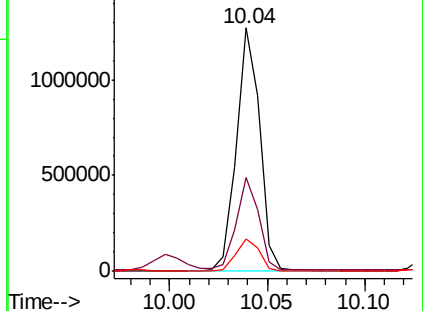
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 16.642 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.05 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

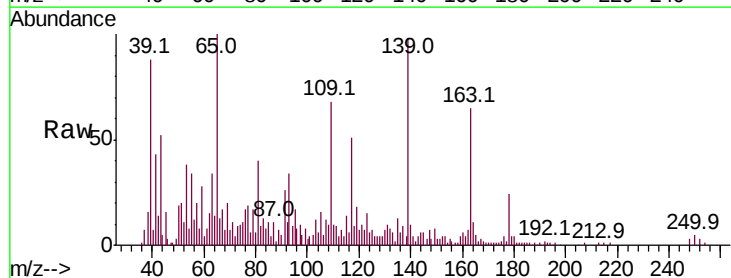
Tgt Ion:139 Resp: 100900

Ion Ratio Lower Upper

139 100

109 69.5 41.8 81.8

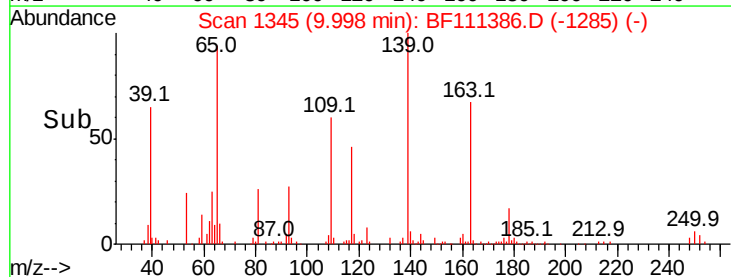
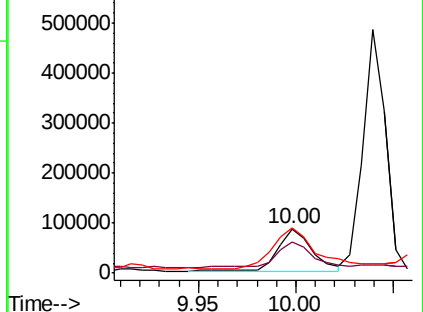
65 101.9 79.6 119.6

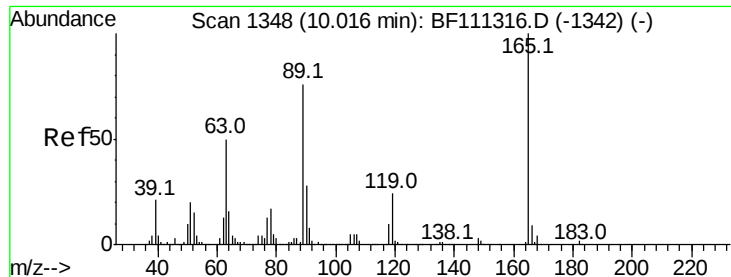


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





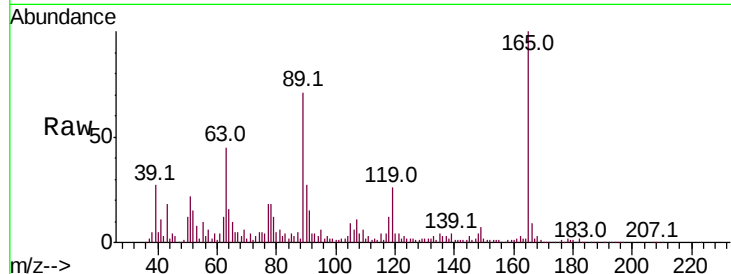
#57
2,4-Dinitrotoluene
Concen: 24.826 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	222863		
63	44.7		34.6	52.0
89	71.0		56.2	84.4
182	2.5		1.8	2.6

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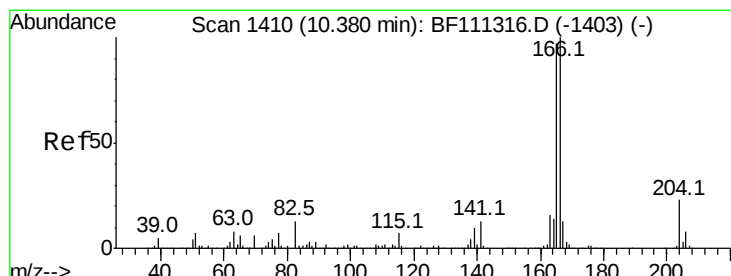
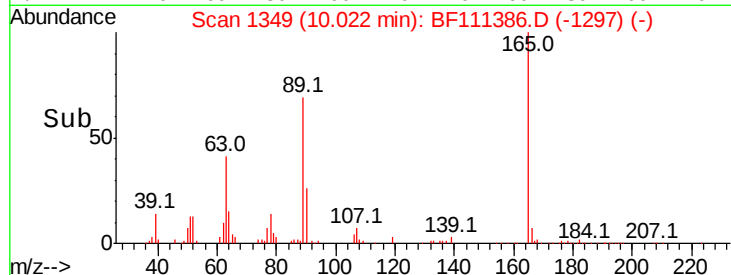
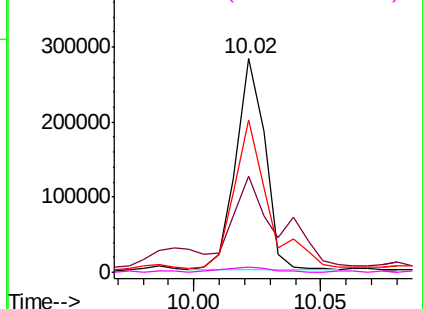
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

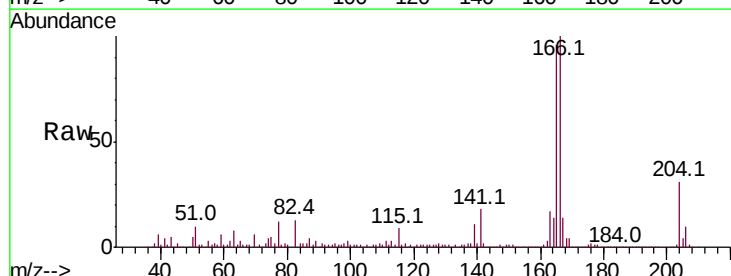
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 28.746 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	785476		
165	95.6		78.4	117.6
167	13.7		11.2	16.8

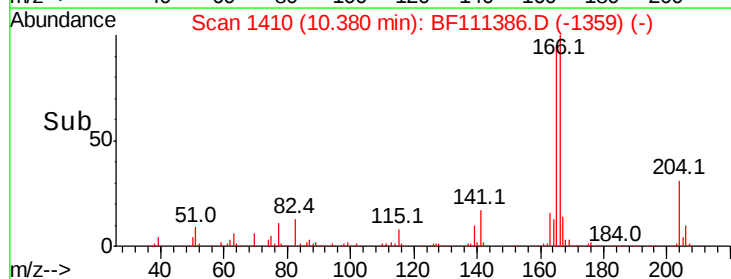
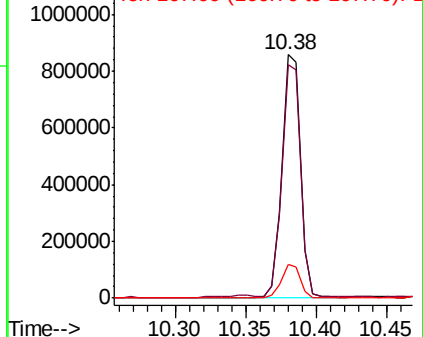


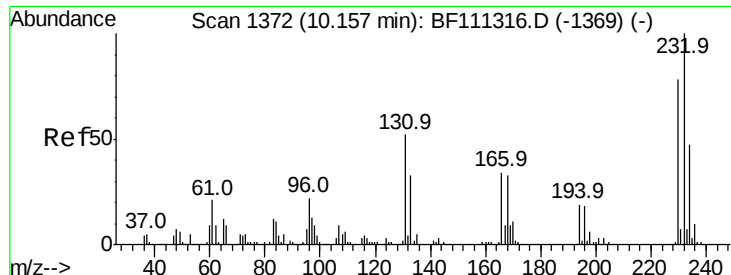
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





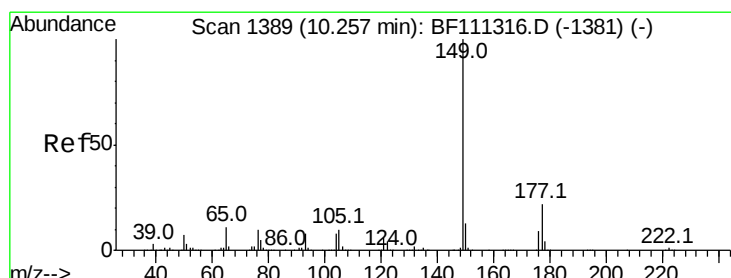
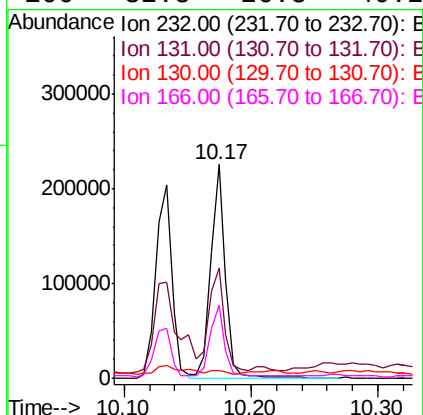
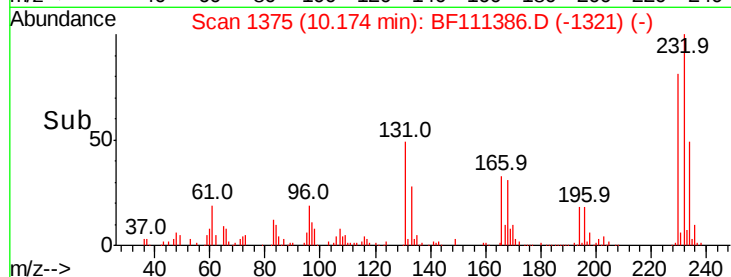
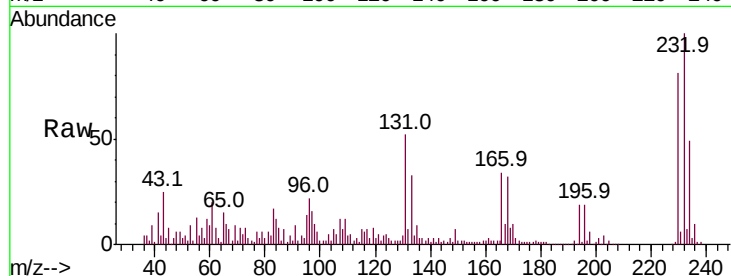
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.232 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	182127		
131	49.3	40.9	61.3	
130	2.1	2.0	3.0	
166	32.8	26.8	40.2	

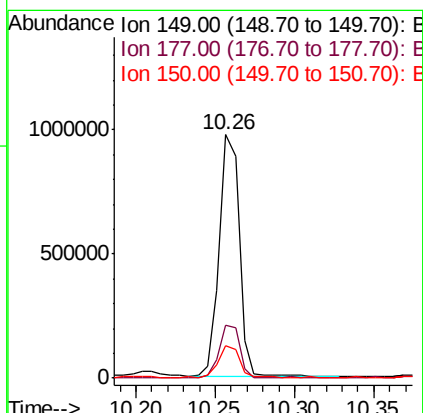
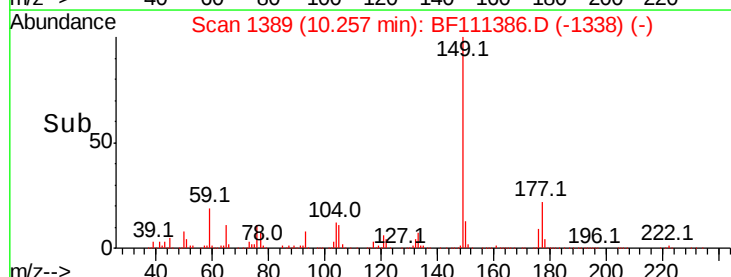
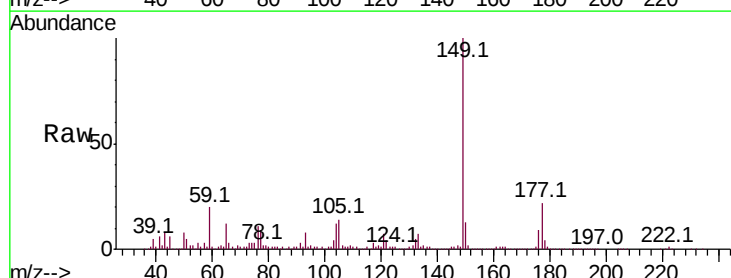
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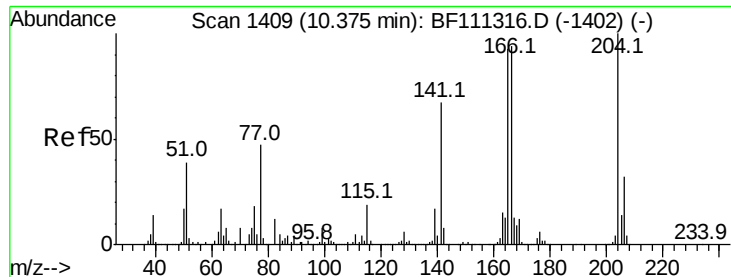
Sohil
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#60
Diethylphthalate
Concen: 26.793 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	852366		
177	21.6	18.3	27.5	
150	13.2	10.6	15.8	





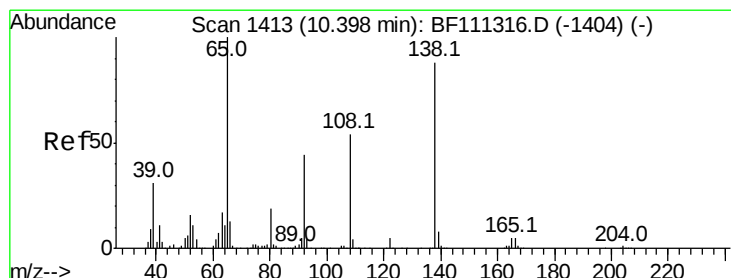
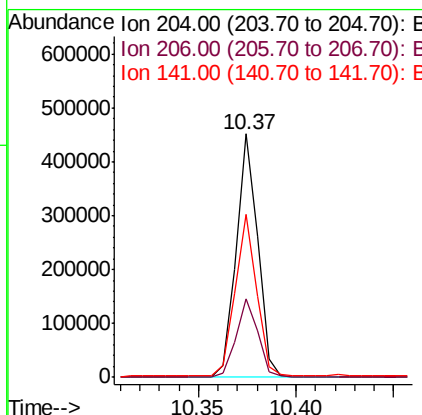
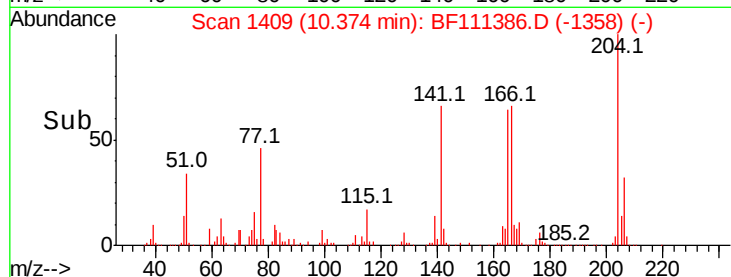
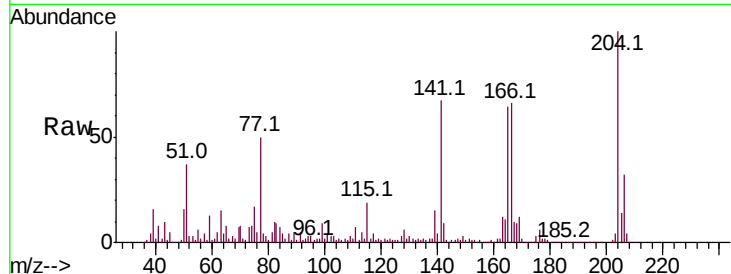
#61
 4-Chlorophenyl-phenylether
 Concen: 25.536 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tot Ion:	204	Resp:	345914
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.6	39.8
141	67.0	52.6	78.8

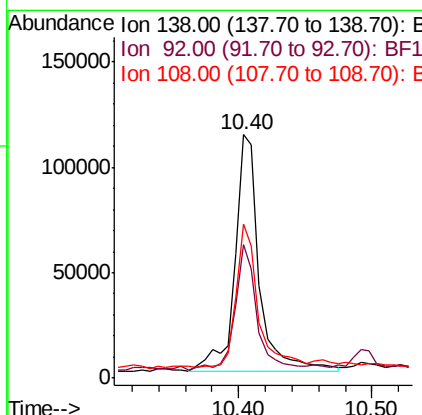
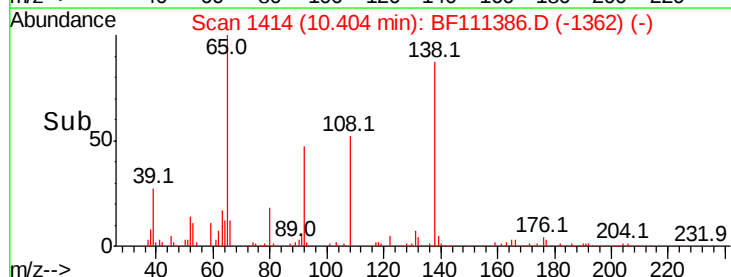
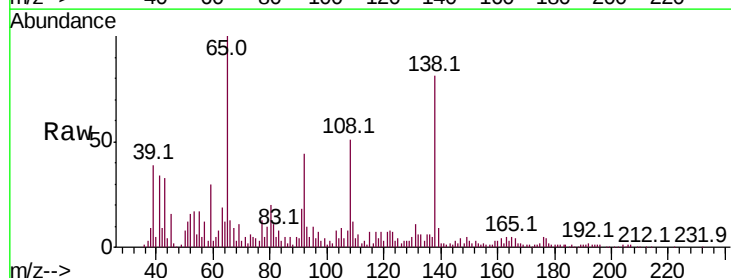
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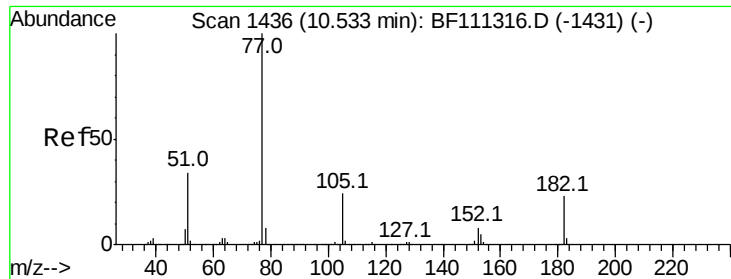
Sohil
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#62
 4-Nitroaniline
 Concen: 17.892 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion:	138	Resp:	144789
Ion Ratio	Lower	Upper	
138	100		
92	54.6	29.9	69.9
108	63.3	43.2	83.2





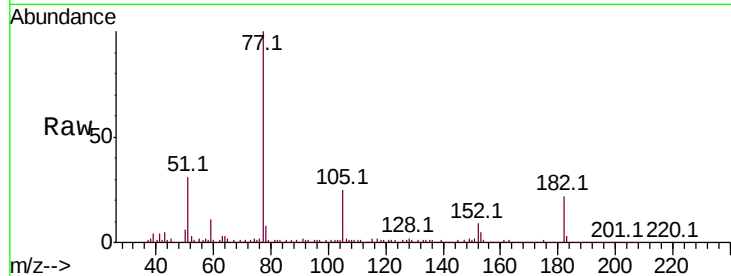
#63
Azobenzene
Concen: 25.910 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

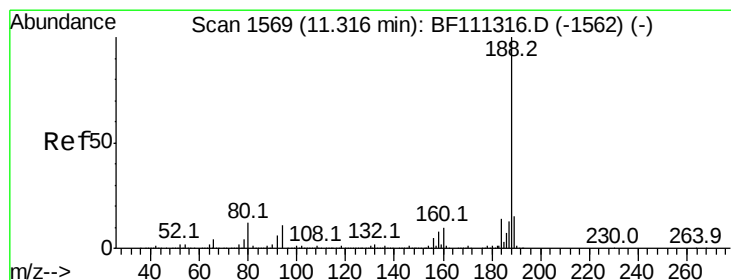
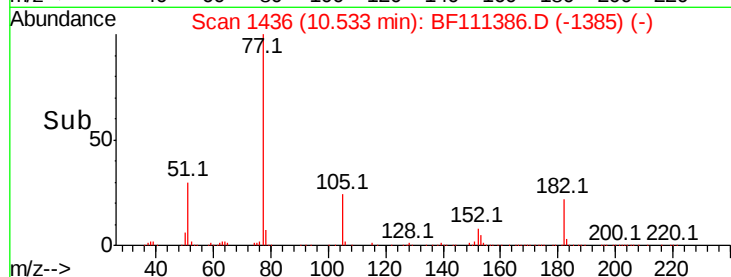
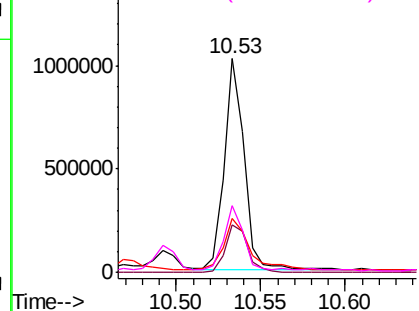
Tot Ion	Ratio	Lower	Upper
77	100		
182	22.0	4.9	44.9
105	25.0	6.0	46.0
51	31.3	14.7	54.7

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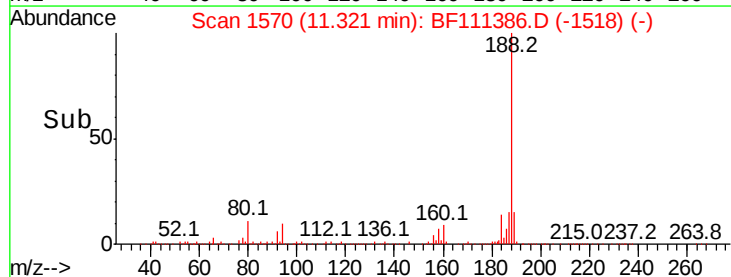
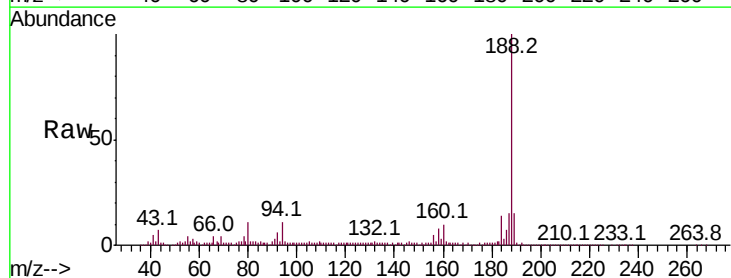
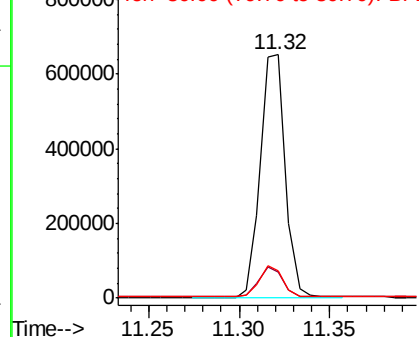
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

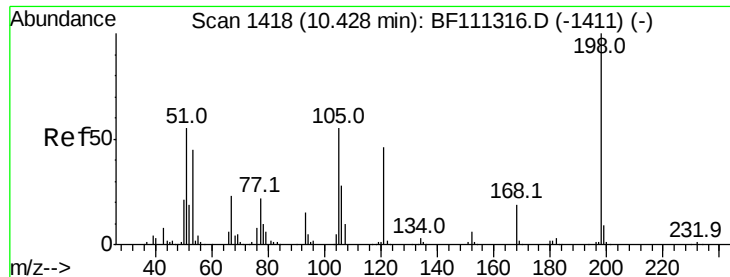


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.6	14.4
80	11.0	9.8	14.6

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





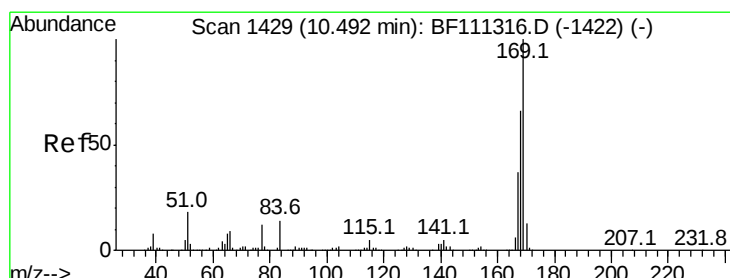
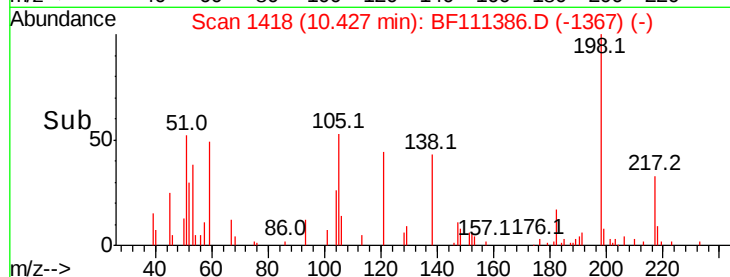
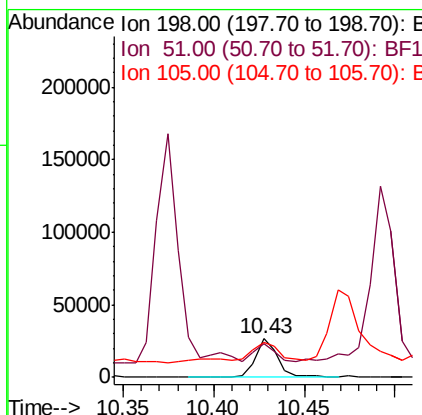
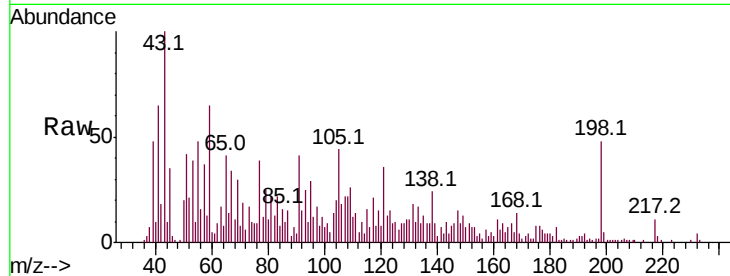
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.527 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	87.0	48.0	88.0
105	91.6	34.0	74.0

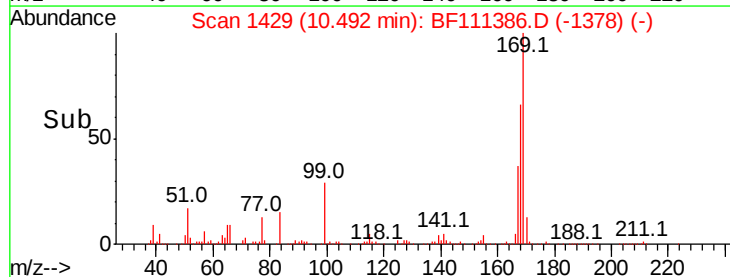
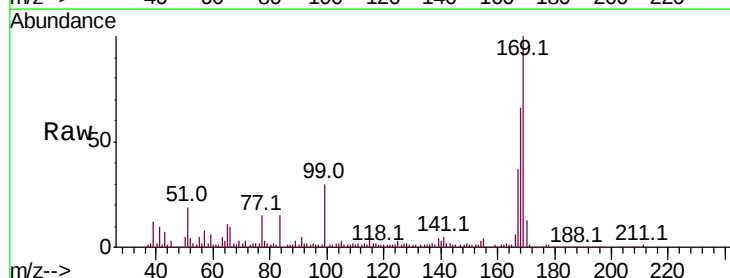
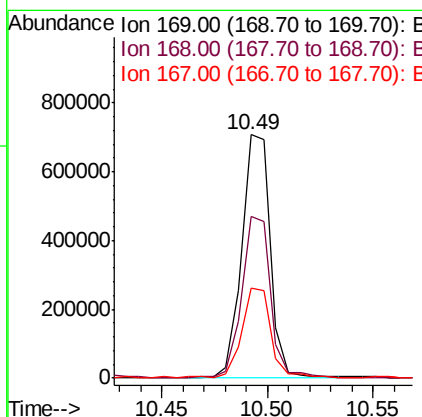
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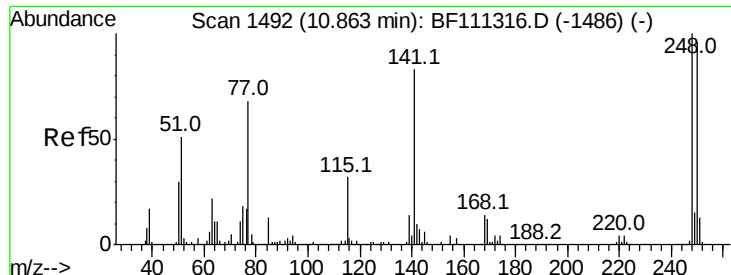
Sohil
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#66
 n-Nitrosodiphenylamine
 Concen: 29.523 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.4	81.6
167	37.2	30.5	45.7





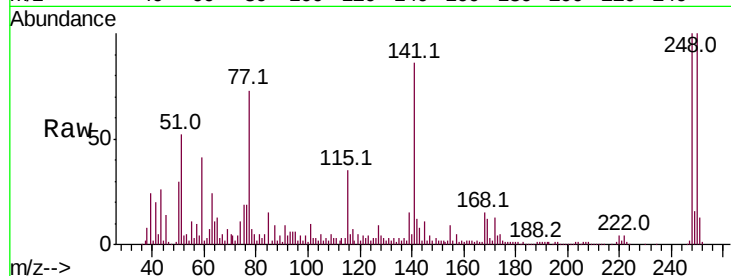
#67
 4-Bromophenyl-phenylether
 Concen: 27.813 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.3	77.0	115.4
141	86.5	63.0	94.6

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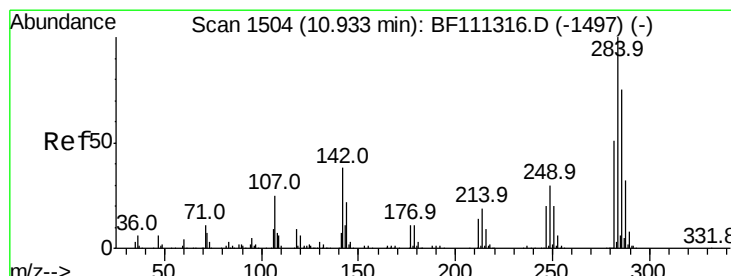
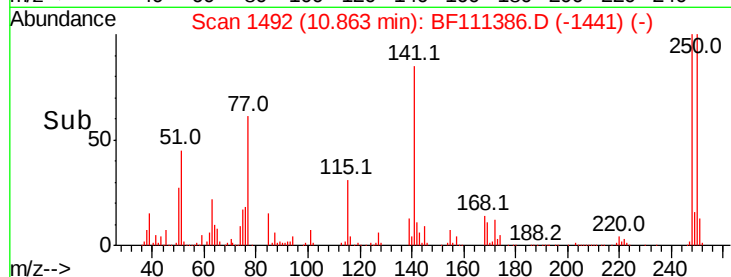
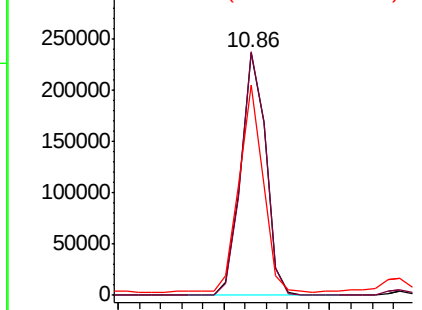


Abundance

Ion 248.00 (247.70 to 248.70): E

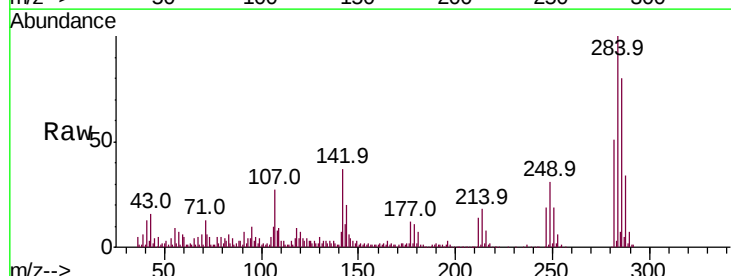
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 27.529 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.1	27.4	41.2
249	30.8	24.4	36.6

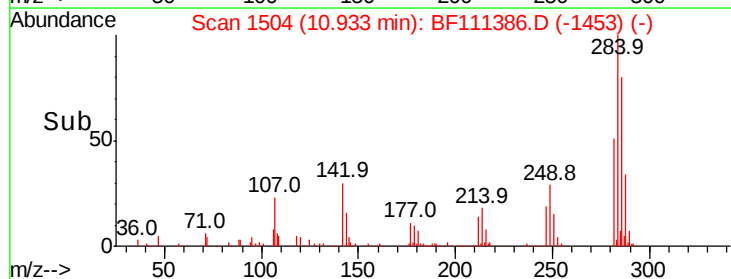
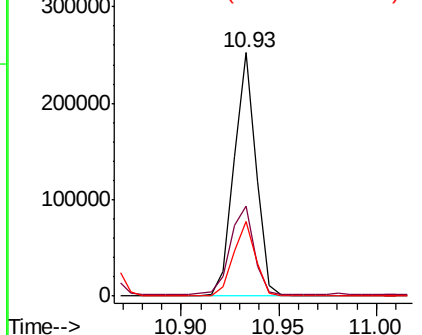


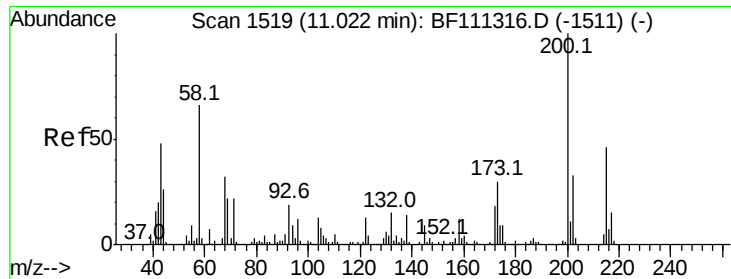
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 21.721 ng

RT: 11.04 min Scan# 1523

Delta R.T. 0.02 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

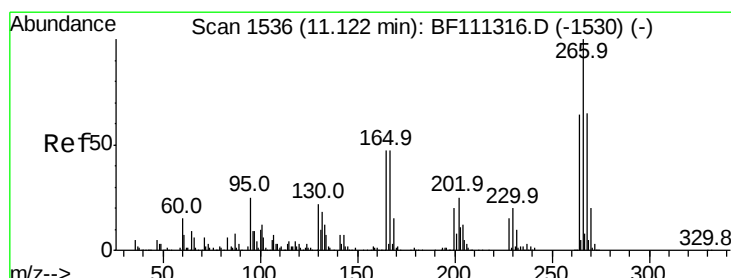
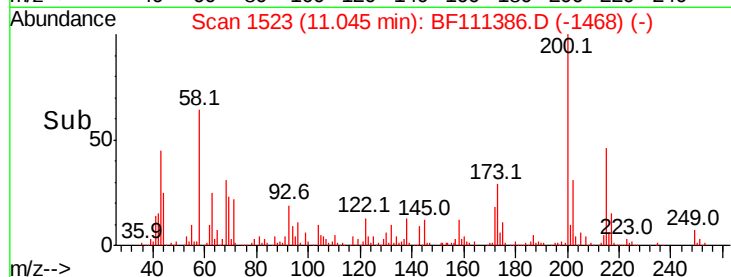
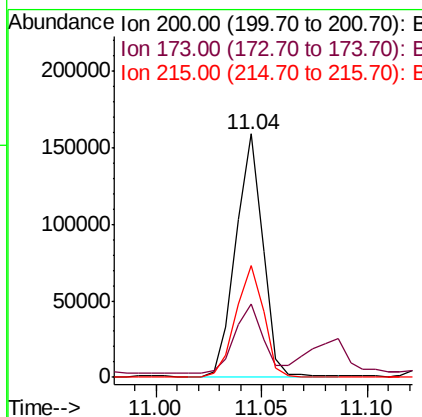
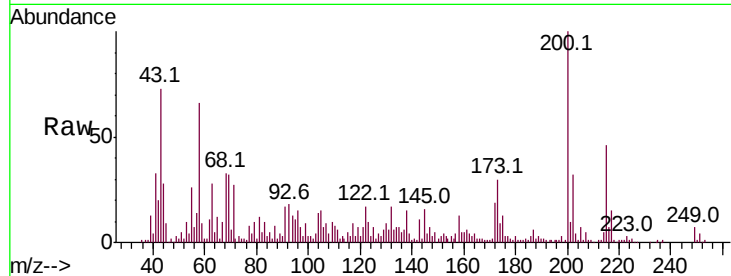
ClientSampleId :

P001-SW004-01MSD

Tot Ion:	200	Resp:	139456
Ion Ratio	Lower	Upper	
200	100		
173	30.4	10.1	50.1
215	45.8	26.9	66.9

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#70

Pentachlorophenol

Concen: 43.446 ng

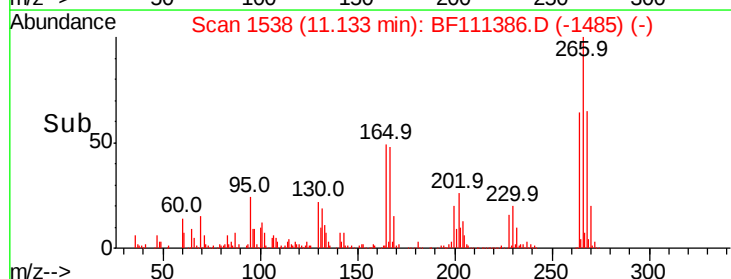
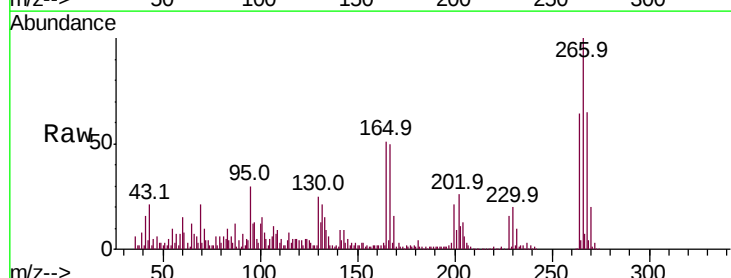
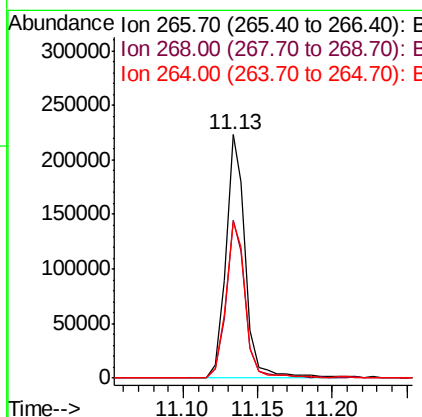
RT: 11.13 min Scan# 1538

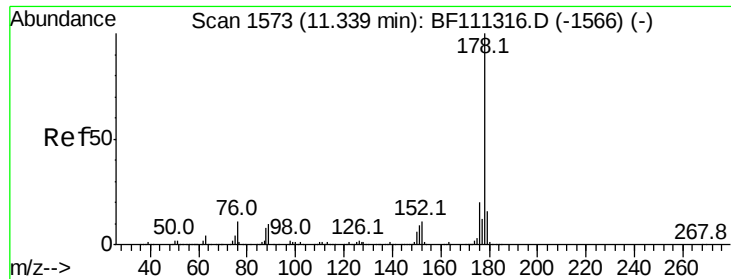
Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	266	Resp:	206819
Ion Ratio	Lower	Upper	
266	100		
268	64.9	47.9	71.9
264	64.2	49.1	73.7





#71

Phenanthrene

Concen: 29.312 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

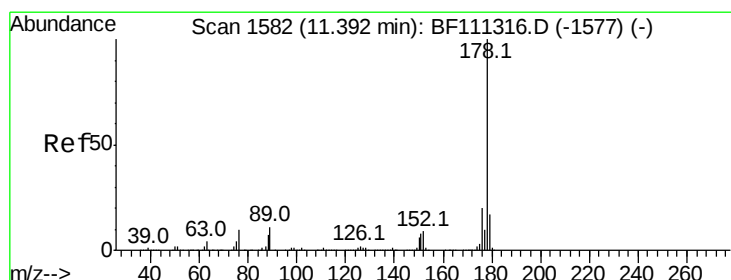
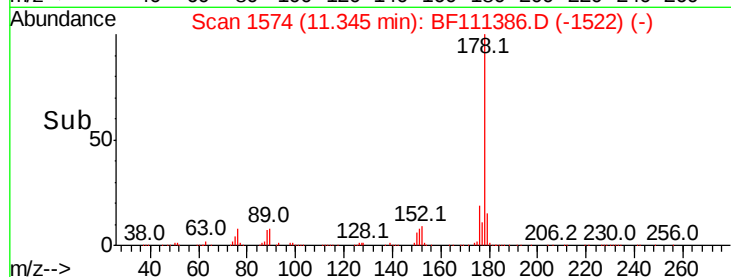
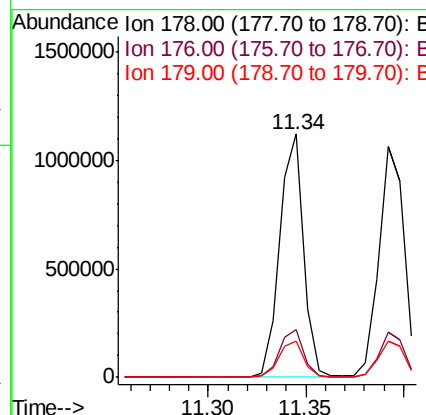
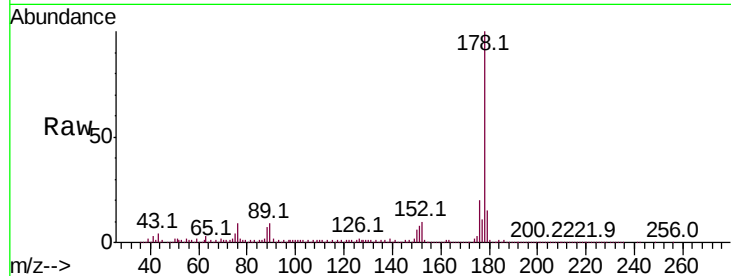
ClientSampleId :

P001-SW004-01MSD

Tot Ion:178	Resp:	945441
Ion Ratio	Lower	Upper
178	100	
176	19.5	18.1 27.1
179	14.9	14.0 21.0

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#72

Anthracene

Concen: 29.251 ng

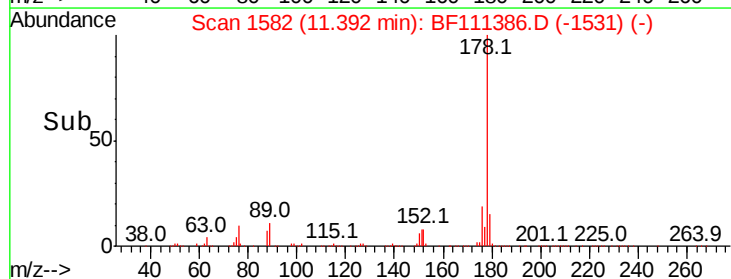
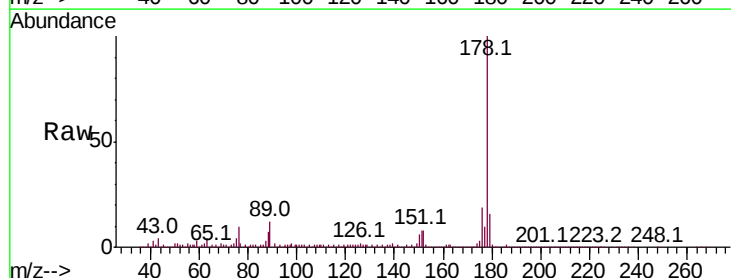
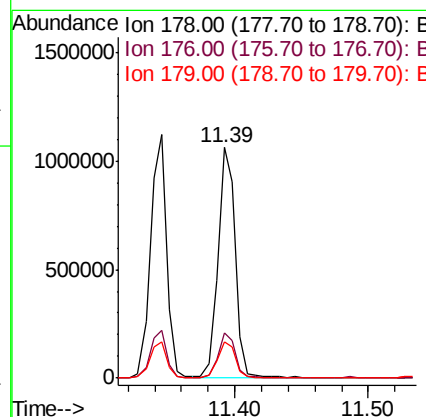
RT: 11.39 min Scan# 1582

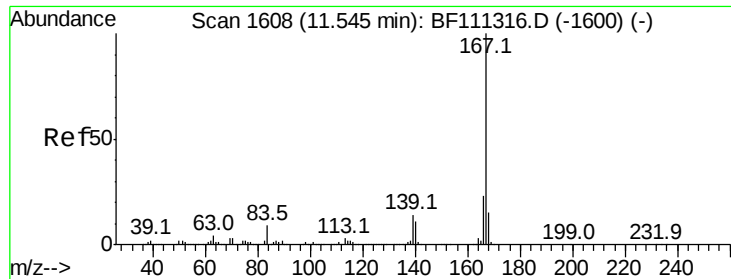
Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:178	Resp:	960710
Ion Ratio	Lower	Upper
178	100	
176	19.4	17.2 25.8
179	15.6	13.8 20.8





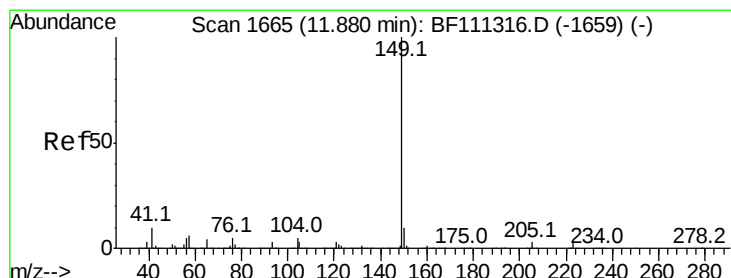
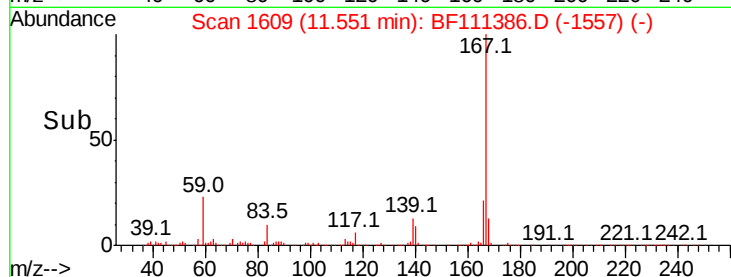
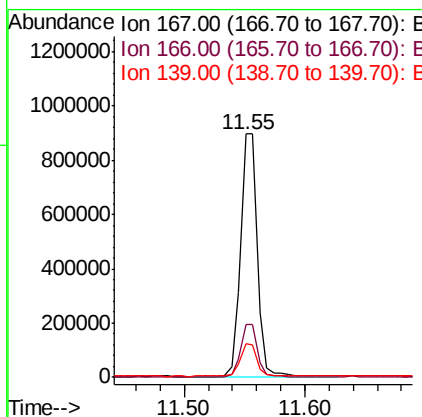
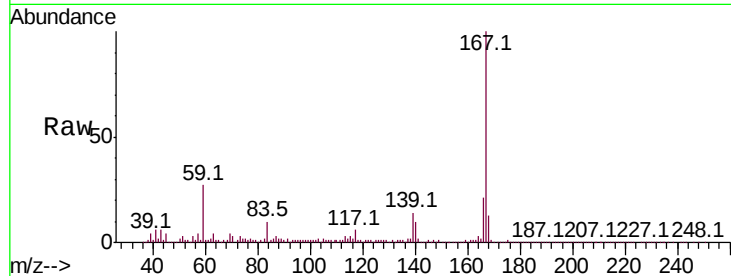
#73
 Carbazole
 Concen: 25.597 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.3	28.9
139	13.9	11.9	17.9

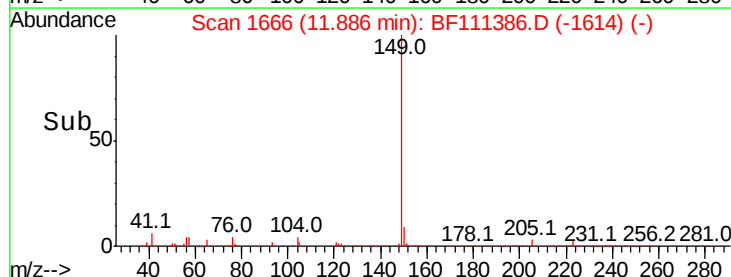
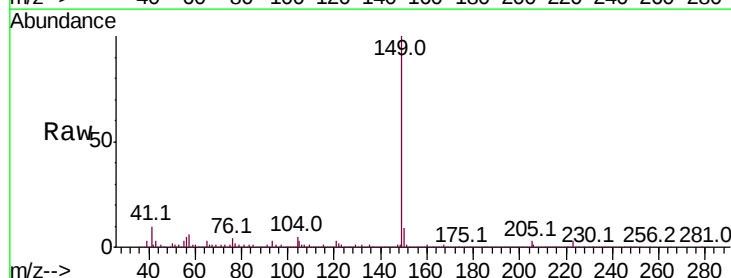
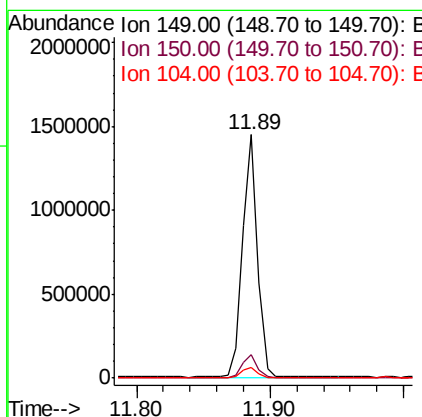
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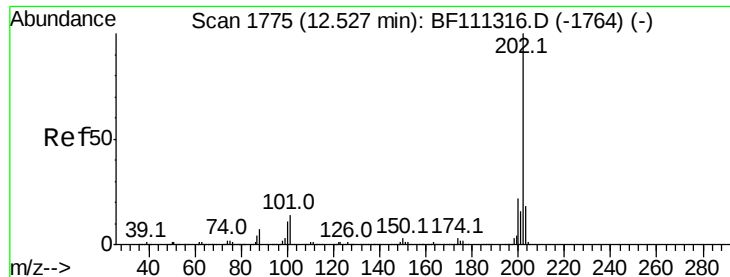
Sohil
 12/14/2018 12:53:41 PM



#74
 Di-n-butylphthalate
 Concen: 28.983 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF111386.D
 Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.6	4.5	6.7





#75

Fluoranthene

Concen: 27.877 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

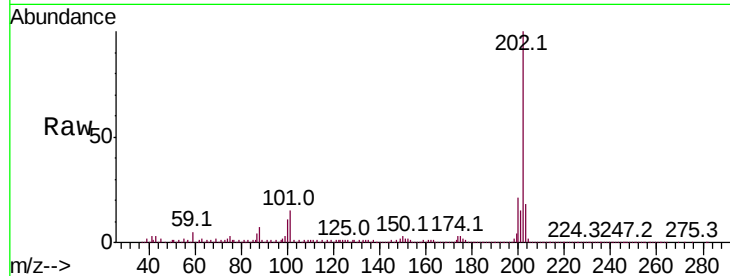
ClientSampleId :

P001-SW004-01MSD

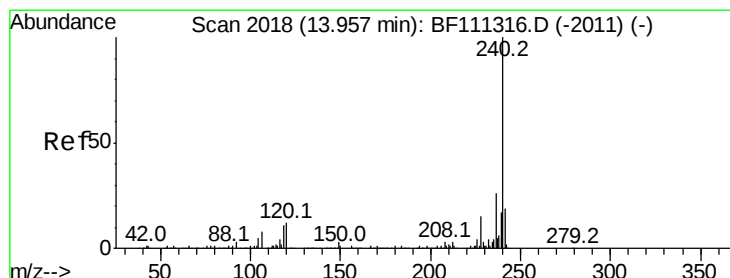
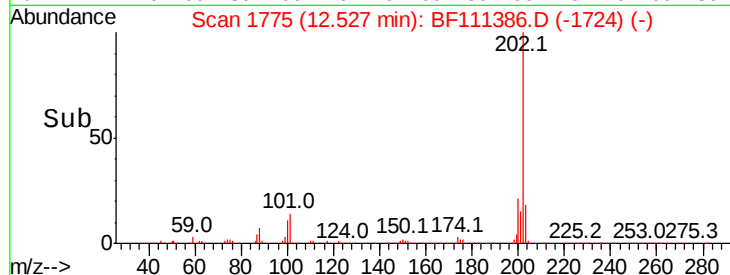
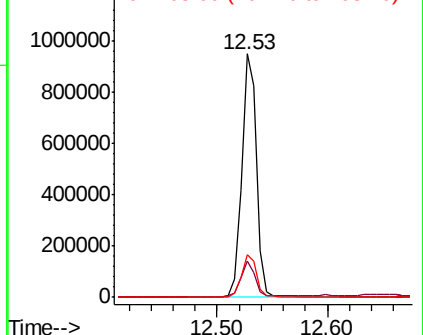
Tot Ion:	202	Resp:	877794
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.8
203	17.8	0.0	38.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

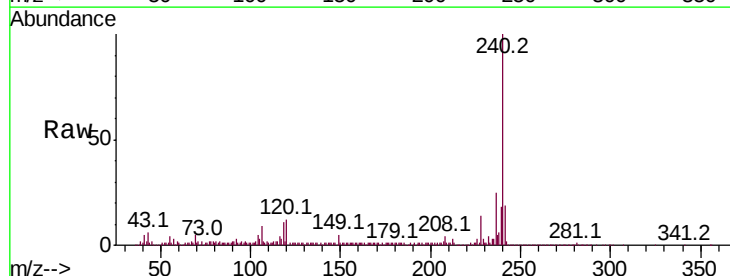
RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

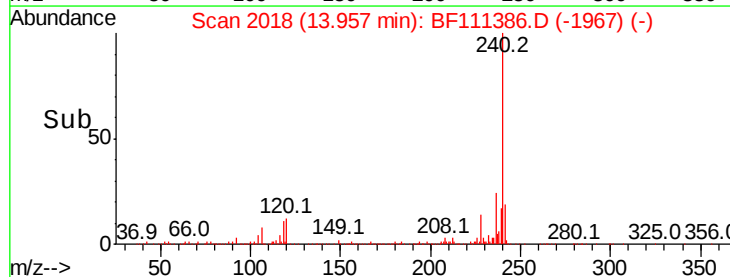
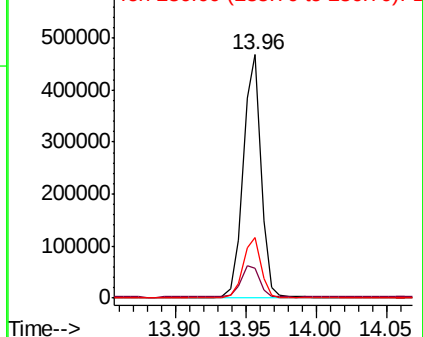
Lab File: BF111386.D

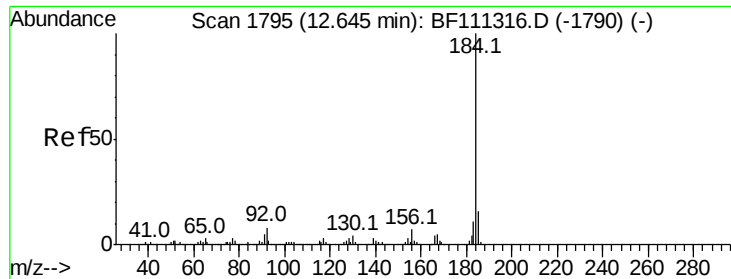
Acq: 13 Dec 2018 22:48

Tgt Ion:	240	Resp:	411410
Ion Ratio	Lower	Upper	
240	100		
120	12.2	12.2	18.2#
236	24.7	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.060 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

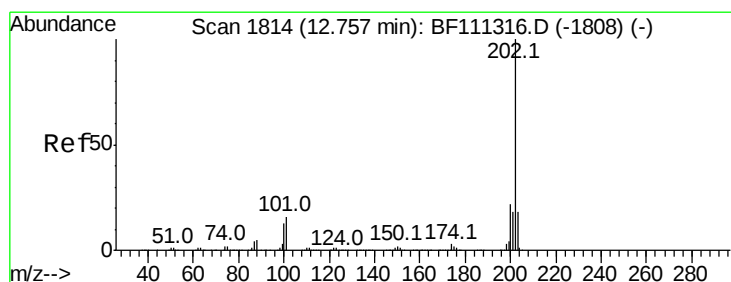
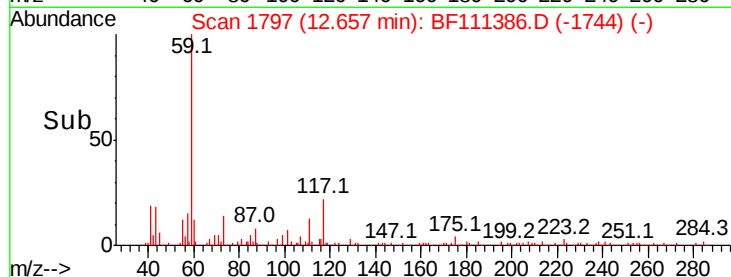
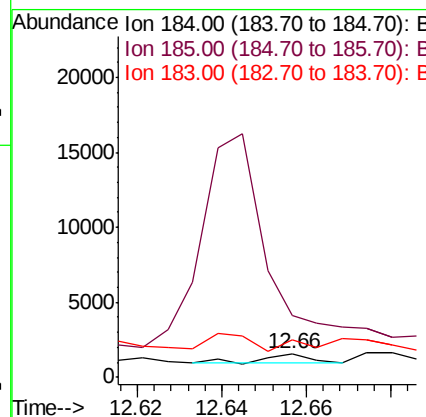
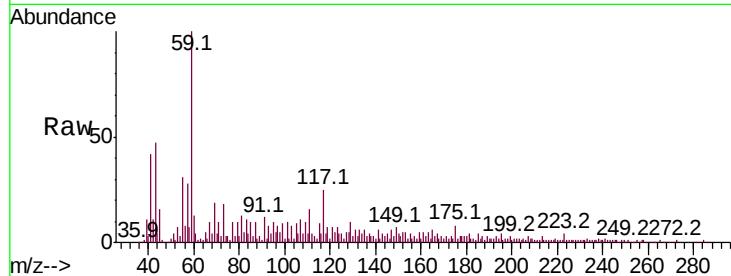
ClientSampleId :

P001-SW004-01MSD

Tot Ion:	184	Resp:	464
Ion Ratio	Lower	Upper	
184	100		
185	261.1	13.0	19.6#
183	156.0	9.3	13.9#

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#78

Pyrene

Concen: 27.576 ng

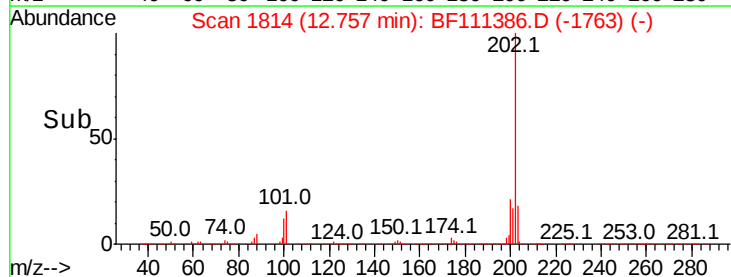
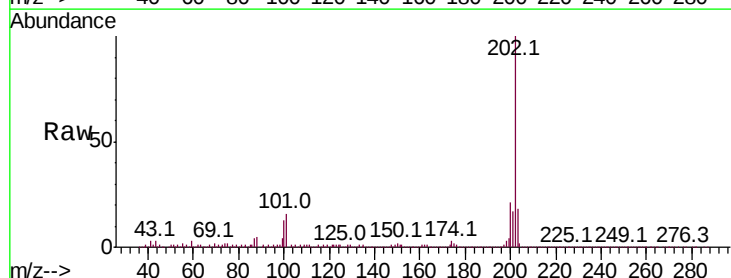
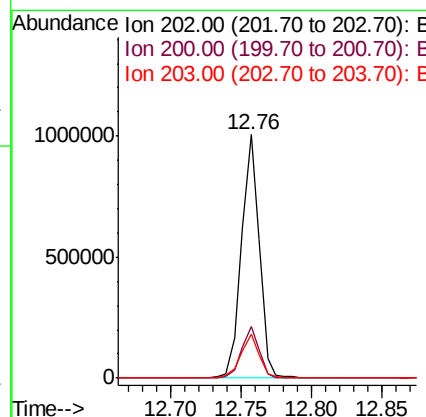
RT: 12.76 min Scan# 1814

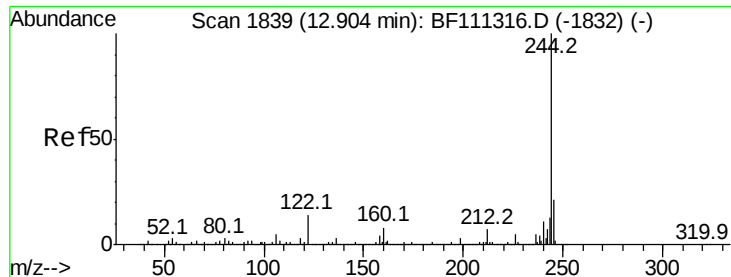
Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	202	Resp:	875574
Ion Ratio	Lower	Upper	
202	100		
200	21.1	19.0	28.4
203	18.2	15.2	22.8





#79

Terphenyl-d14

Concen: 50.526 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

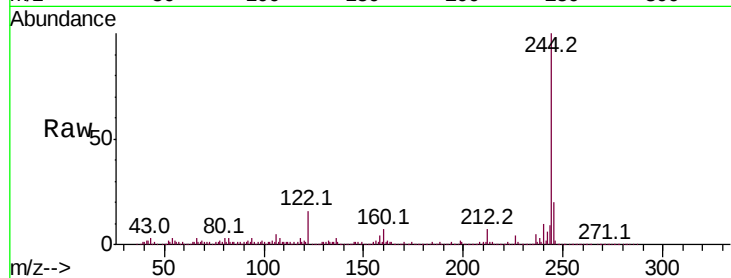
ClientSampleId :

P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	15.6	13.1	19.7

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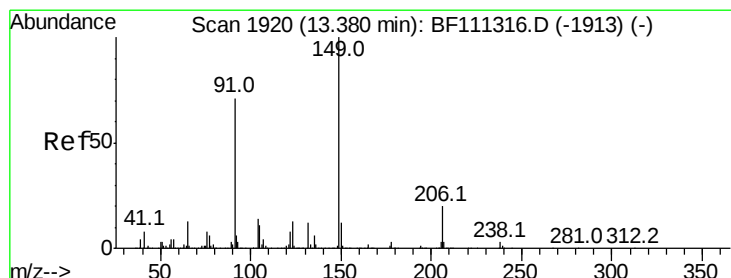
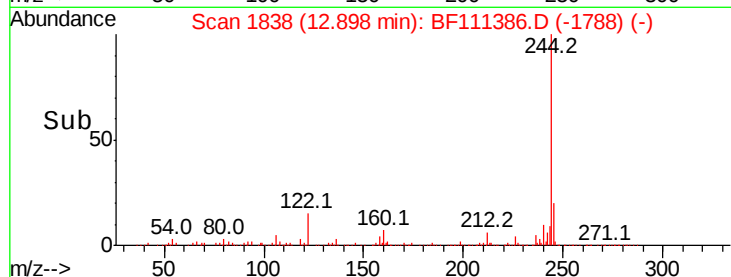
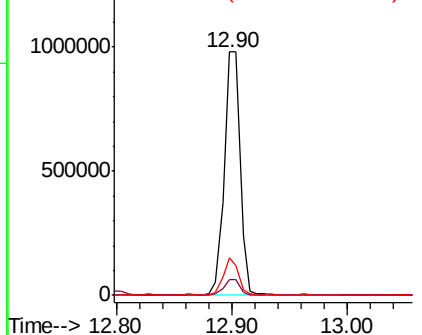
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 27.942 ng

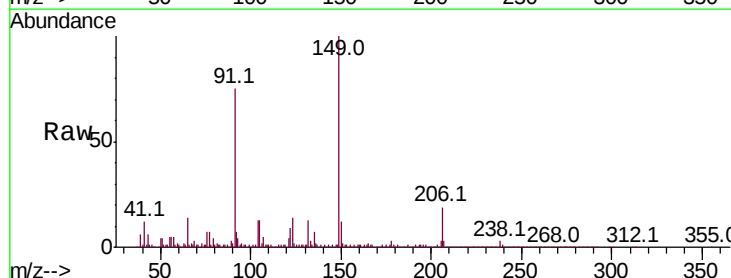
RT: 13.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

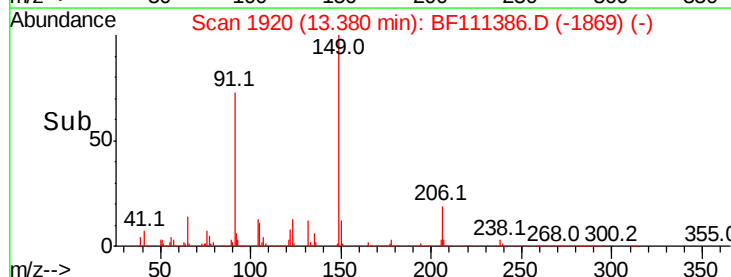
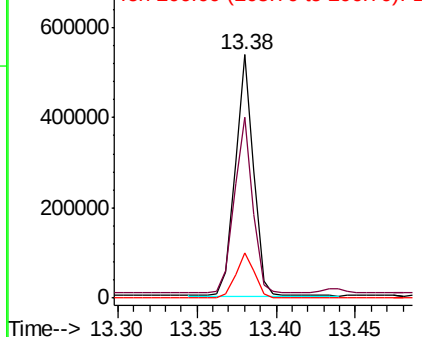
Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	63.8	95.6
206	18.7	15.1	22.7

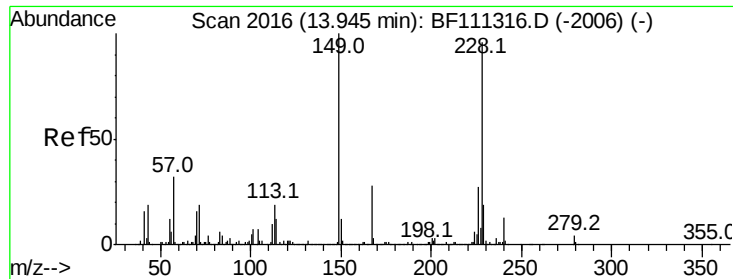


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 28.558 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

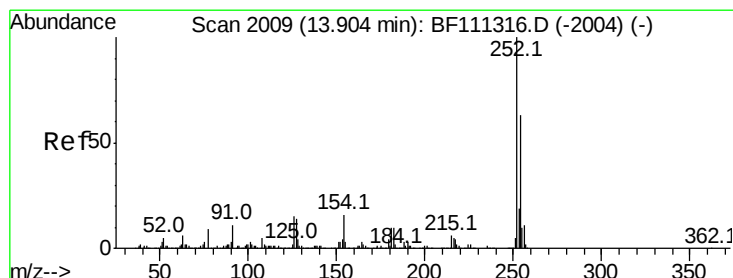
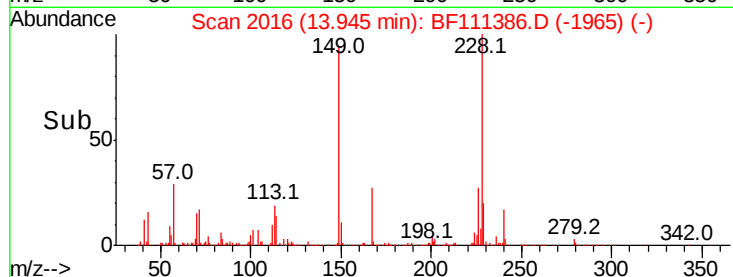
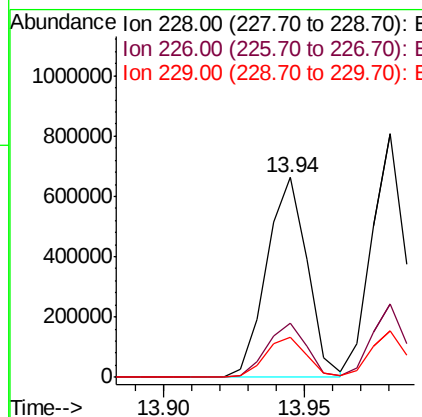
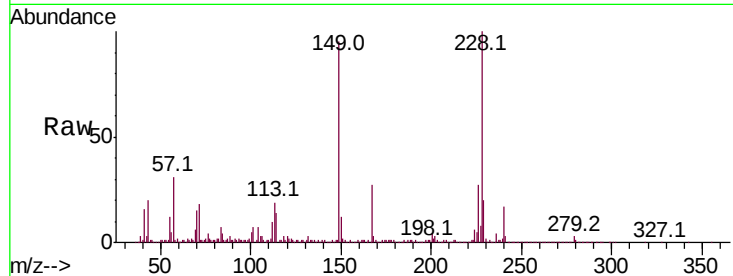
ClientSampleId :

P001-SW004-01MSD

Tot Ion:	228	Resp:	657378
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.6	34.0
229	20.3	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 0.091 ng

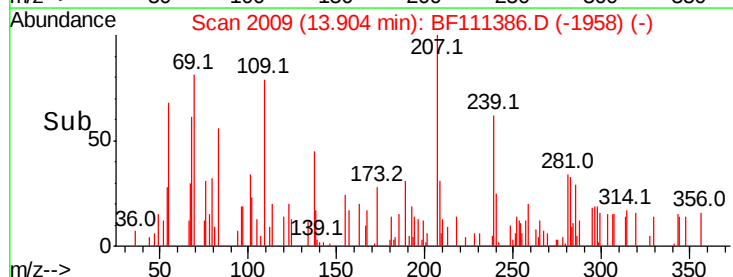
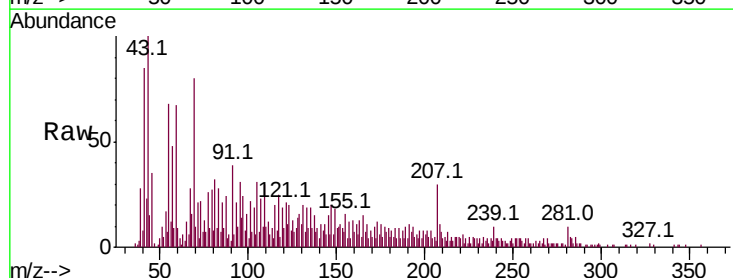
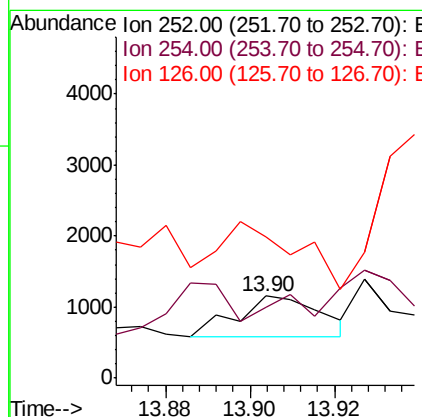
RT: 13.90 min Scan# 2009

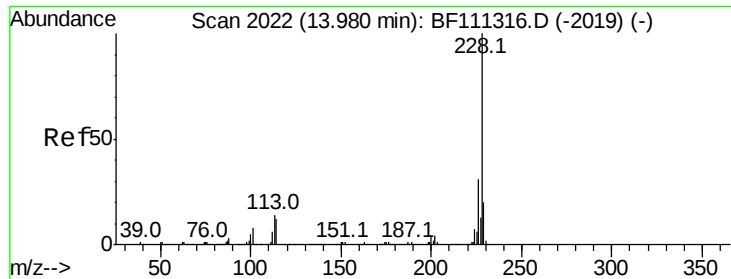
Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	252	Resp:	791
Ion Ratio	Lower	Upper	
252	100		
254	86.4	52.7	79.1#
126	171.1	11.1	16.7#





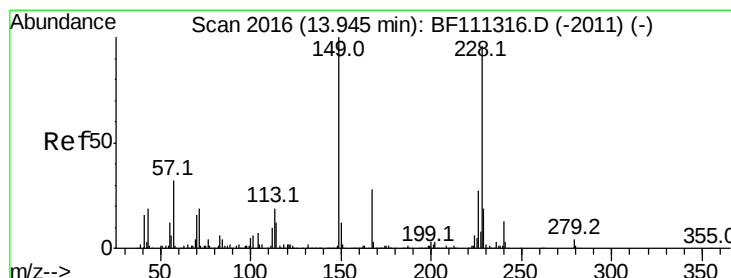
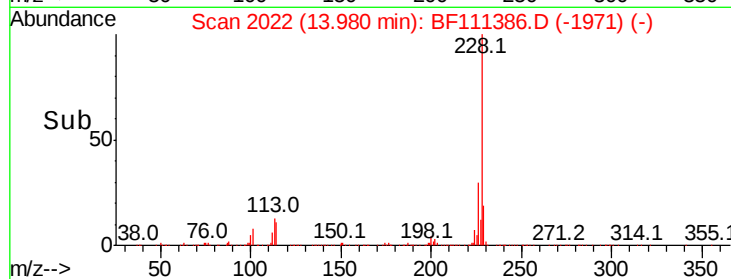
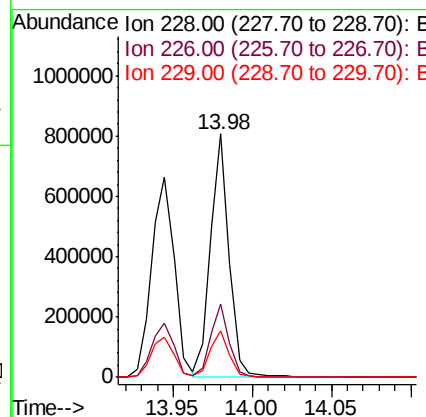
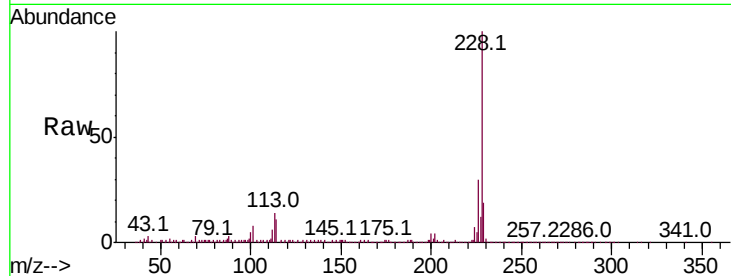
#83
Chrysene
Concen: 28.221 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	19.3	17.2	25.8

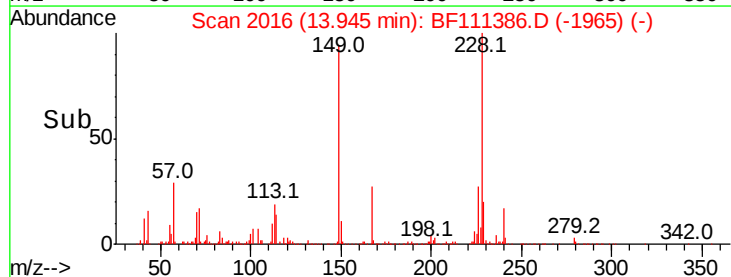
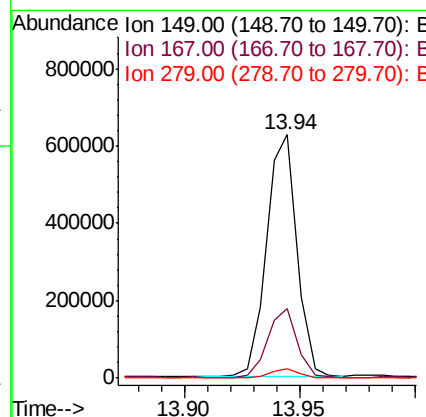
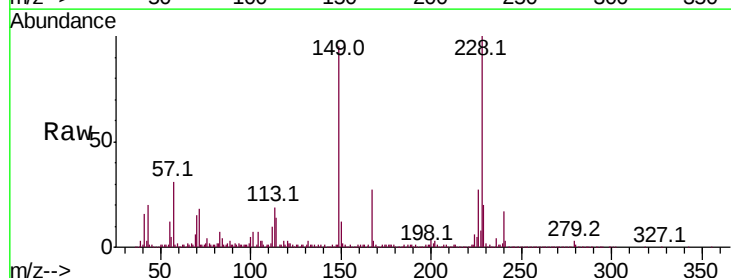
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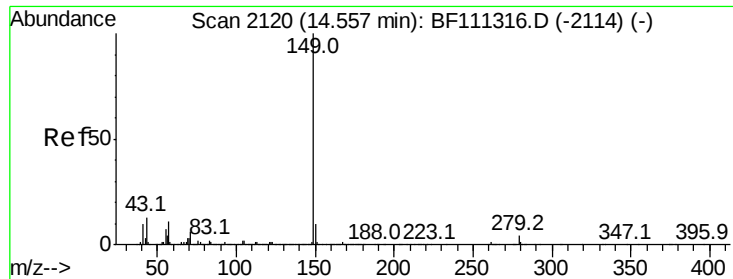
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#84
Bis(2-ethylhexyl)phthalate
Concen: 30.486 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	3.6	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 31.253 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

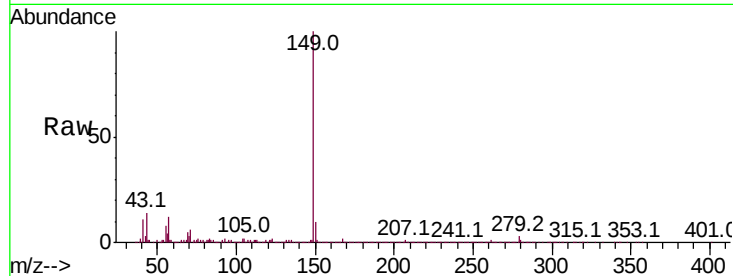
ClientSampleId :

P001-SW004-01MSD

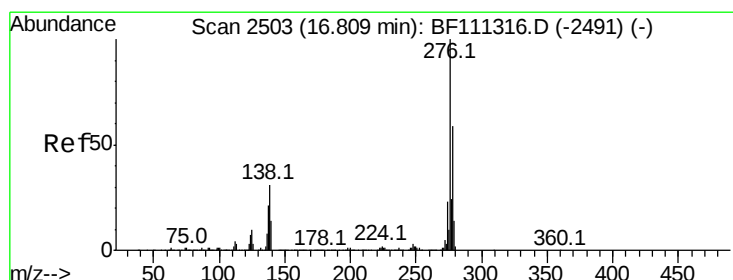
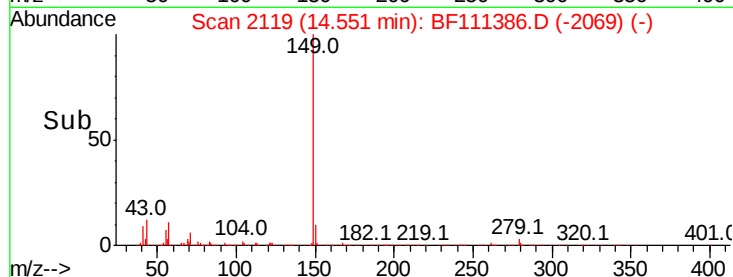
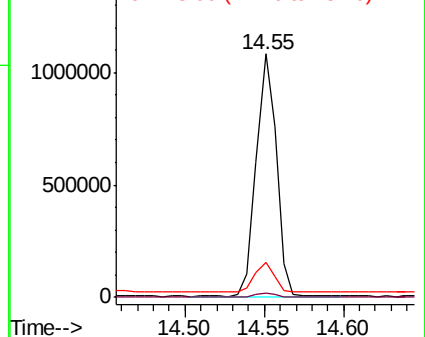
Tot Ion:	149	Resp:	956399
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.7	10.9	16.3

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 27.863 ng

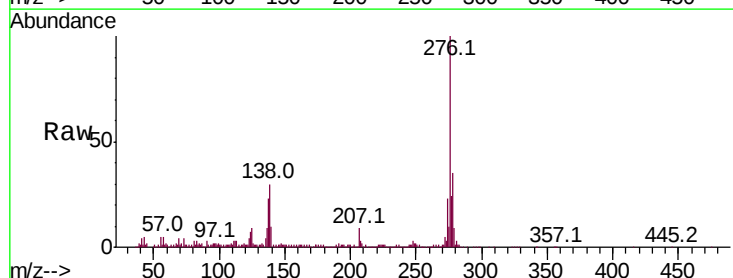
RT: 16.80 min Scan# 2502

Delta R.T. -0.01 min

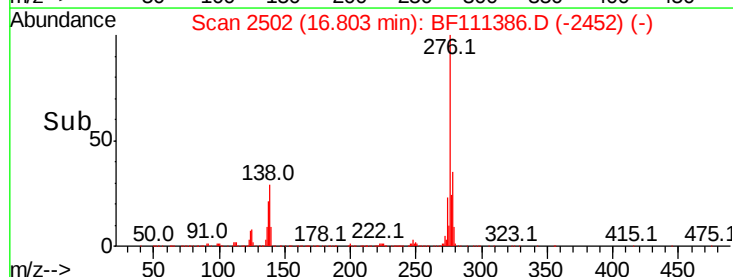
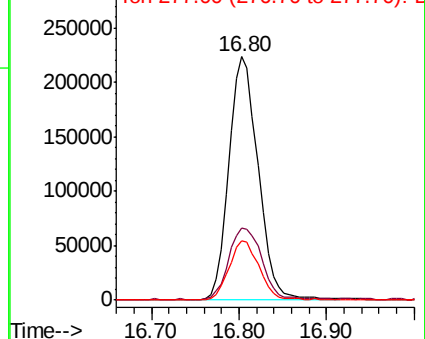
Lab File: BF111386.D

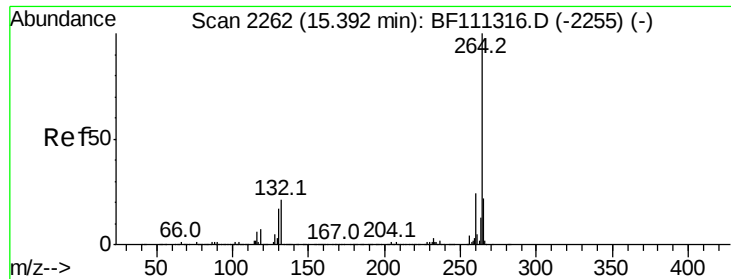
Acq: 13 Dec 2018 22:48

Tgt Ion:	276	Resp:	511788
Ion Ratio	Lower	Upper	
276	100		
138	32.5	27.8	41.6
277	25.1	20.1	30.1



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Instrument :

BNA_F

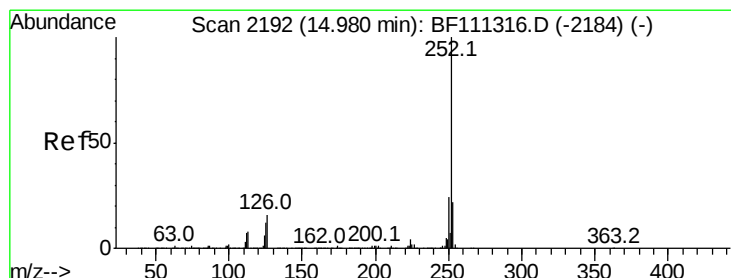
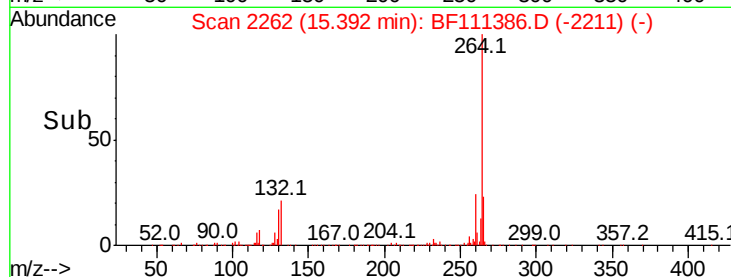
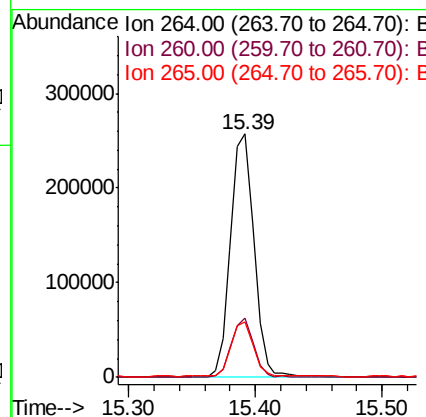
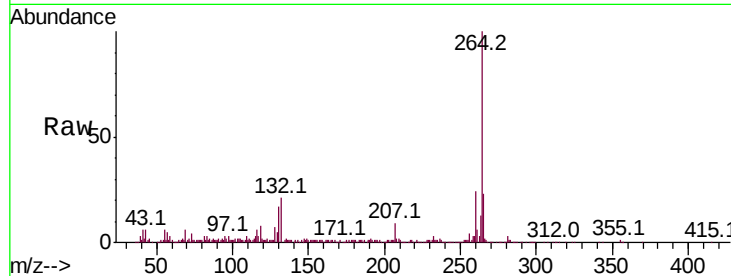
ClientSampleId :

P001-SW004-01MSD

Tot Ion:	264	Resp:	329281
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.3	27.5
265	23.0	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 31.308 ng

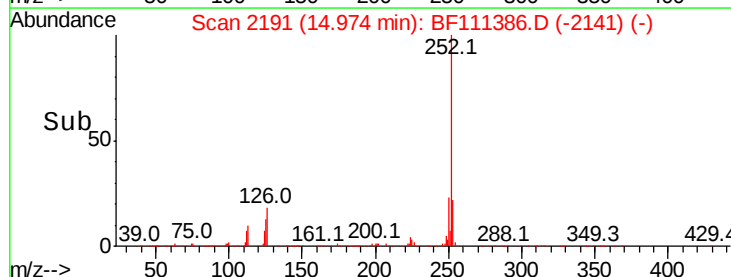
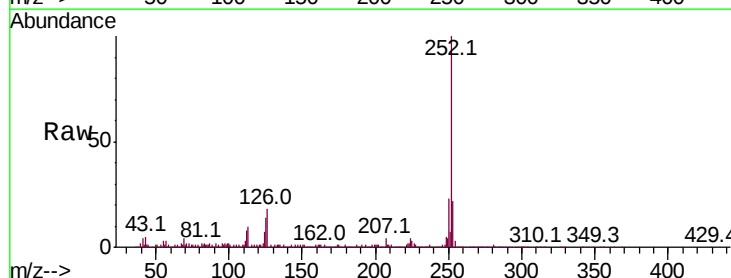
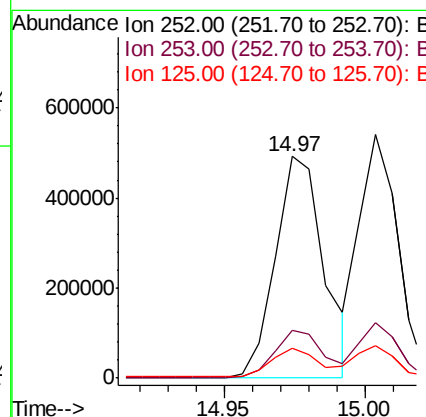
RT: 14.97 min Scan# 2191

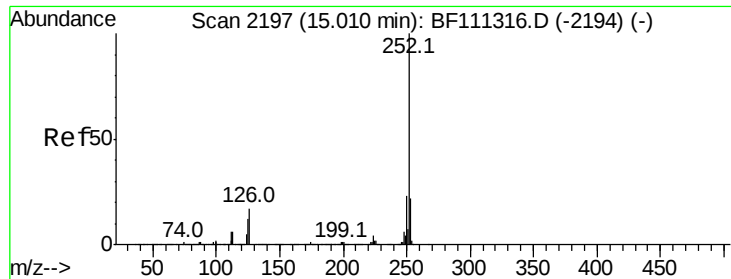
Delta R.T. -0.01 min

Lab File: BF111386.D

Acq: 13 Dec 2018 22:48

Tgt Ion:	252	Resp:	586219
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	13.5	10.4	15.6





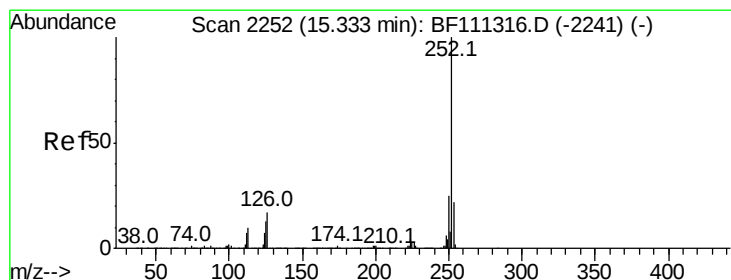
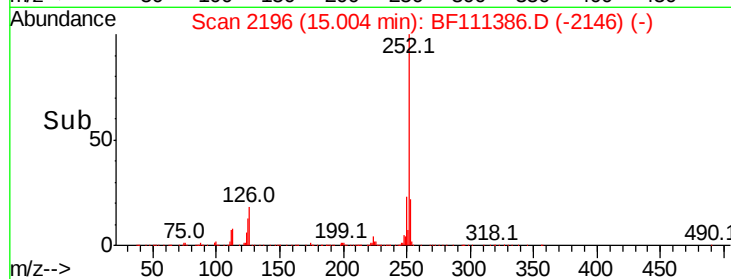
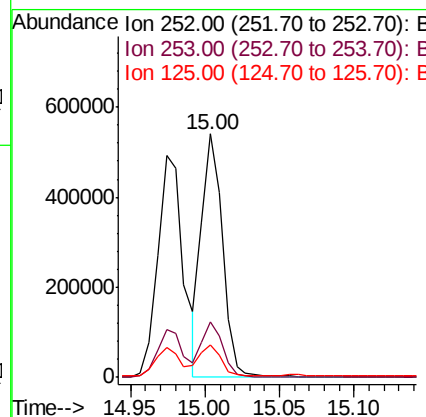
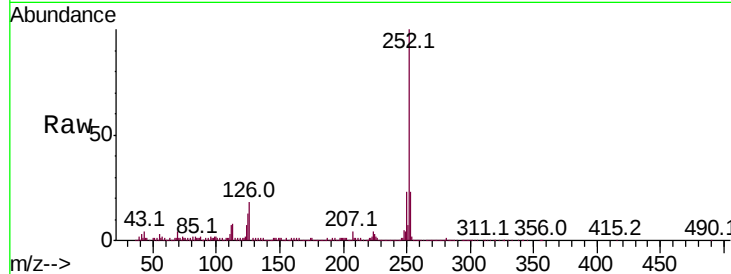
#89
Benzo(k)fluoranthene
Concen: 27.845 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	13.2	9.8	14.8

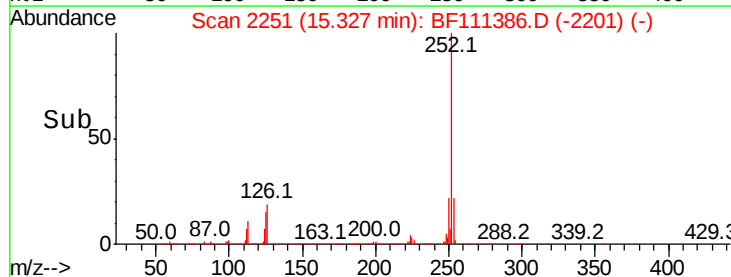
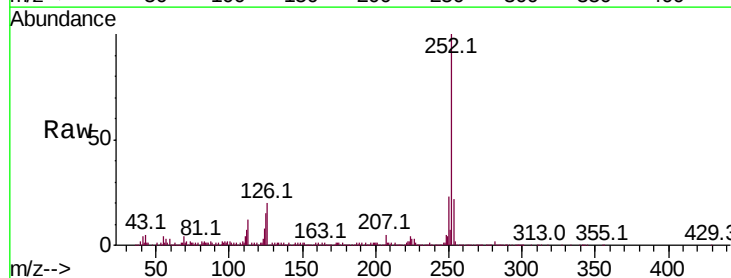
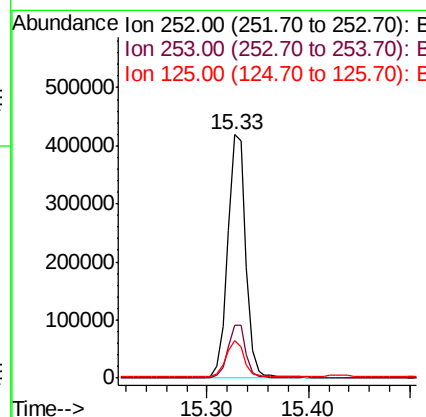
Manual Integrations
APPROVED

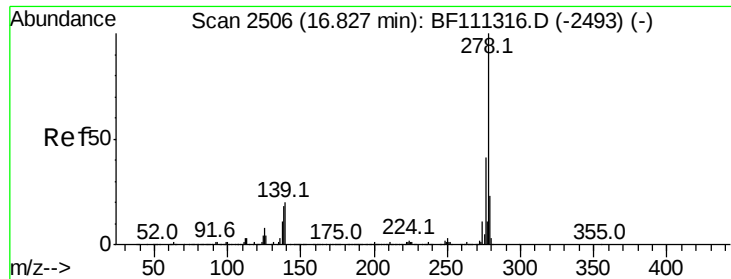
Sohil
12/14/2018 12:53:41 PM



#90
Benzo(a)pyrene
Concen: 29.709 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	15.2	12.3	18.5





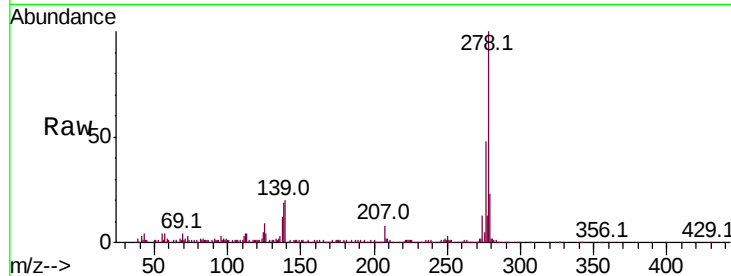
#91
Dibenzo(a,h)anthracene
Concen: 29.906 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.1	18.2	27.4
279	23.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/14/2018 12:53:41 PM

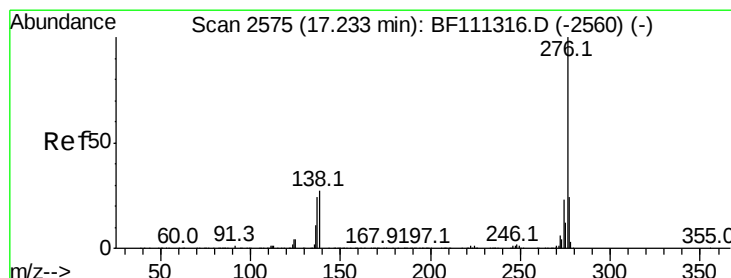
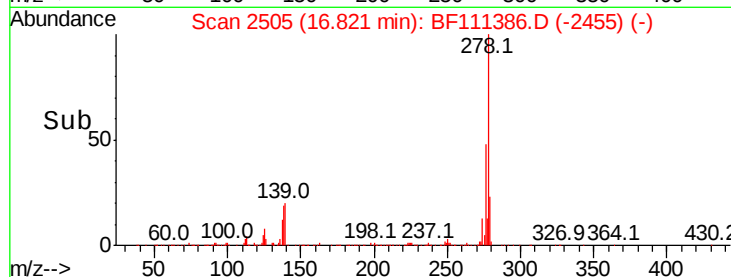
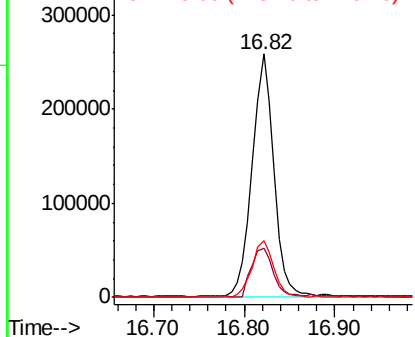


Abundance

Ion 278.00 (277.70 to 278.70): E

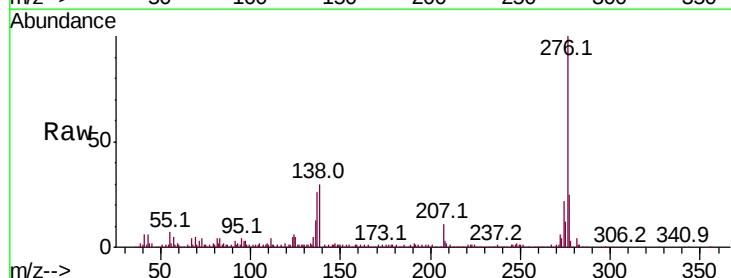
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 28.562 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF111386.D
Acq: 13 Dec 2018 22:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.2	28.8
138	30.5	24.9	37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

