

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111385.D
 Acq On : 13 Dec 2018 22:21
 Operator : JU/SJ
 Sample : J6305-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Manual Integrations
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Sohil
 12/14/2018 12:53:38 PM

Quant Time: Dec 14 00:23:15 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	288806	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1190567	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	472705	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	663315	20.00	ng	0.00
76) Chrysene-d12	13.96	240	388090	20.00	ng	0.00
87) Perylene-d12	15.39	264	328421	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	778547	45.59	ng	0.02
7) Phenol-d6	6.47	99	598194	25.98	ng	0.04
23) Nitrobenzene-d5	7.36	82	1244707	58.93	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	284209	68.21	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	1723676	58.54	ng	0.00
79) Terphenyl-d14	12.90	244	973695	55.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	128563	15.070	ng	# 89
3) Pyridine	3.32	79	279820	13.352	ng	98
4) n-Nitrosodimethylamine	3.21	42	137190	14.033	ng	93
6) Aniline	6.46	93	340167	12.211	ng	# 1
8) 2-Chlorophenol	6.60	128	445081	21.202	ng	96
9) Benzaldehyde	6.34	77	196456	12.088	ng	99
10) Phenol	6.49	94	5789395	221.948	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	506746	24.694	ng	99
12) 1,3-Dichlorobenzene	6.74	146	517830	22.787	ng	99
13) 1,4-Dichlorobenzene	6.82	146	502283	21.834	ng	98
14) 1,2-Dichlorobenzene	6.97	146	470357	22.101	ng	96
15) Benzyl Alcohol	6.96	79	325801	18.477	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1006287m	25.312	ng	
17) 2-Methylphenol	7.09	107	892783	52.633	ng	96
18) Hexachloroethane	7.31	117	181605	21.264	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	419439	27.412	ng	98
20) 3+4-Methylphenols	7.25	107	1288540	63.699	ng	# 61
22) Acetophenone	7.21	105	991513	35.853	ng	# 85
24) Nitrobenzene	7.38	77	577537	26.544	ng	98
25) Isophorone	7.63	82	994639	27.721	ng	# 98
26) 2-Nitrophenol	7.70	139	253283	23.683	ng	98
27) 2,4-Dimethylphenol	7.75	122	551272	33.957	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	625988	25.418	ng	99
29) 2,4-Dichlorophenol	7.96	162	477785	28.213	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	392177	22.538	ng	99
31) Naphthalene	8.10	128	1587125	28.613	ng	97
32) Benzoic acid	8.05	122	2716669m	201.301	ng	
33) 4-Chloroaniline	8.16	127	14041	0.593	ng	# 61
34) Hexachlorobutadiene	8.22	225	219940	22.784	ng	97
35) Caprolactam	8.66	113	2033007m	342.600	ng	
36) 4-Chloro-3-methylphenol	8.68	107	367196	20.347	ng	# 79
37) 2-Methylnaphthalene	8.79	142	935077	26.078	ng	99
38) 1-Methylnaphthalene	8.89	142	847570	24.491	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	351338	26.442	ng	99

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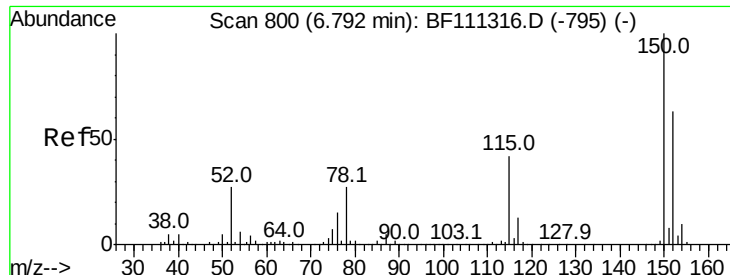
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Quant Time: Dec 14 00:23:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	106381	15.333	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	232651	24.463	nq	100
44) 2,4,5-Trichlorophenol	9.17	196	221391	22.027	nq	94
46) 1,1'-Biphenyl	9.26	154	1051761	26.077	nq	96
47) 2-Chloronaphthalene	9.28	162	803840	26.024	nq	98
48) 2-Nitroaniline	9.39	65	242585	24.169	nq	94
49) Acenaphthylene	9.70	152	1210030	26.814	nq	95
50) Dimethylphthalate	9.56	163	1046206	30.777	nq	100
51) 2,6-Dinitrotoluene	9.62	165	178943	23.748	nq	94
52) Acenaphthene	9.87	154	682283	23.971	nq	98
53) 3-Nitroaniline	9.80	138	91923	10.150	nq	# 98
54) 2,4-Dinitrophenol	9.90	184	23620	7.990	nq	# 66
55) Dibenzofuran	10.04	168	1013806	24.673	nq	96
56) 4-Nitrophenol	10.00	139	108017	16.561	nq	94
57) 2,4-Dinitrotoluene	10.02	165	215197	22.284	nq	# 96
58) Fluorene	10.38	166	751641	25.571	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173683	22.369	nq	# 97
60) Diethylphthalate	10.26	149	817576	23.890	nq	97
61) 4-Chlorophenyl-phenylether	10.37	204	335158	23.000	nq	98
62) 4-Nitroaniline	10.40	138	133741	15.363	nq	97
63) Azobenzene	10.53	77	821263	23.801	nq	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	20795	5.461	nq	# 46
66) n-Nitrosodiphenylamine	10.49	169	639491	27.102	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	187777	25.429	nq	97
68) Hexachlorobenzene	10.93	284	188769	24.826	nq	97
69) Atrazine	11.05	200	128683	18.856	nq	99
70) Pentachlorophenol	11.13	266	204855	40.485	nq	97
71) Phenanthrene	11.35	178	910708	26.563	nq	94
72) Anthracene	11.39	178	920286	26.361	nq	95
73) Carbazole	11.55	167	825995	22.883	nq	95
74) Di-n-butylphthalate	11.89	149	1078554	26.242	nq	96
75) Fluoranthene	12.53	202	836962	25.006	nq	99
77) Benzidine	12.66	184	939	0.128	nq	# 1
78) Pyrene	12.76	202	855197	28.553	nq	96
80) Butylbenzylphthalate	13.38	149	407999	28.371	nq	93
81) Benzo(a)anthracene	13.94	228	557782	25.687	nq	98
82) 3,3'-Dichlorobenzidine	13.91	252	409	0.050	nq	# 1
83) Chrysene	13.98	228	561668	25.353	nq	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	480669	27.341	nq	99
85) Di-n-octyl phthalate	14.55	149	797806	27.637	nq	97
86) Indeno(1,2,3-cd)pyrene	16.80	276	492159	28.404	nq	98
88) Benzo(b)fluoranthene	14.97	252	515996	27.630	nq	98
89) Benzo(k)fluoranthene	15.00	252	457826	24.560	nq	99
90) Benzo(a)pyrene	15.33	252	443156	25.486	nq	98
91) Dibenzo(a,h)anthracene	16.82	278	412975	28.546	nq	97
92) Benzo(g,h,i)perylene	17.23	276	403420	27.891	nq	97

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



#1

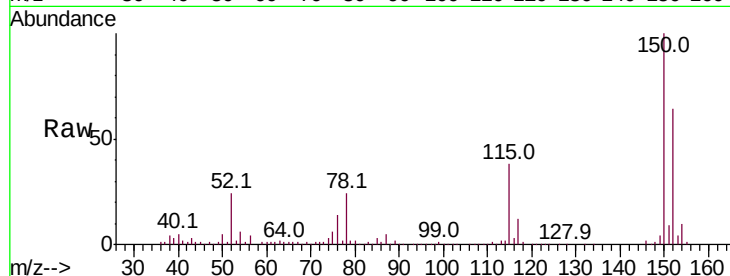
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	59.6	50.7	76.1

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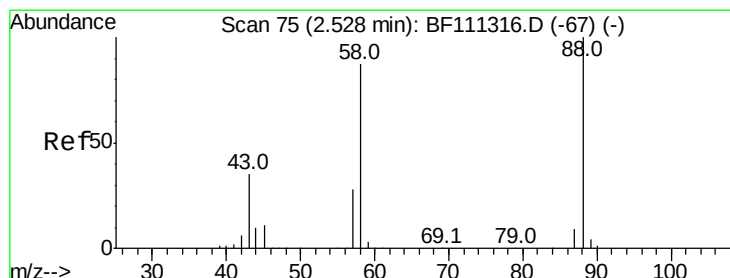
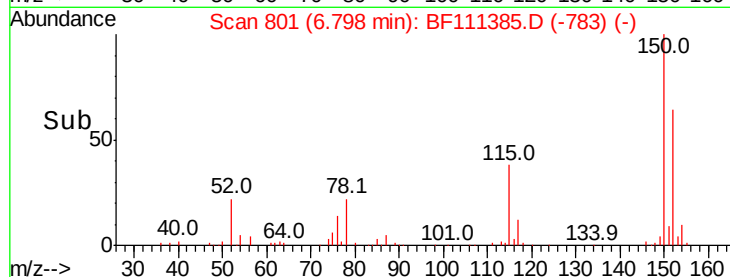
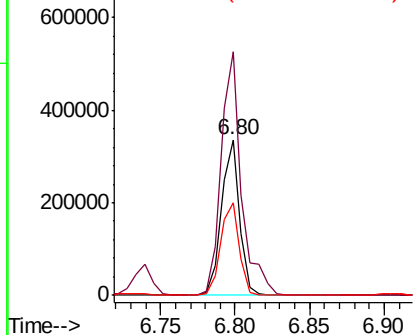


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

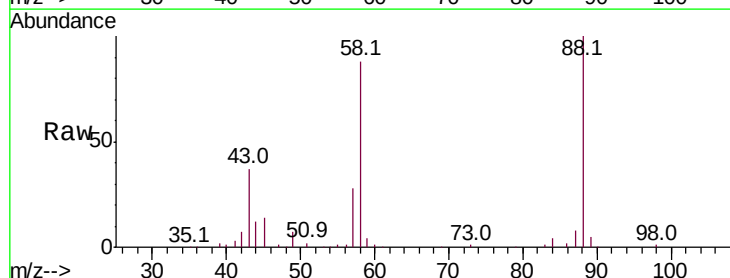
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.070 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.03 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	68.9	103.3
43	51.6	25.8	38.6#

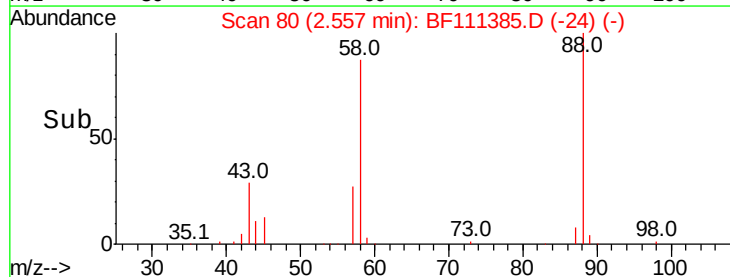
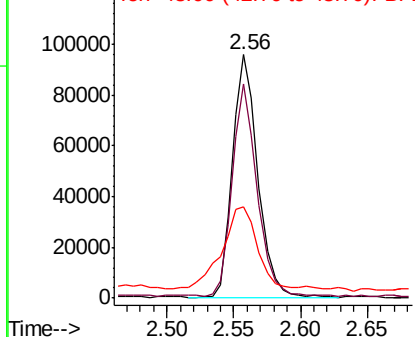


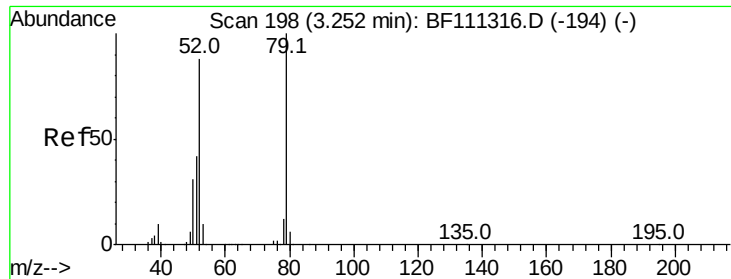
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





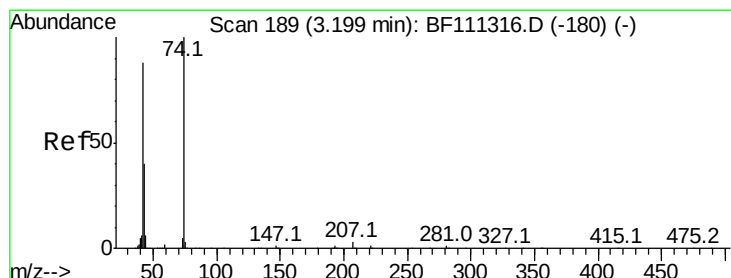
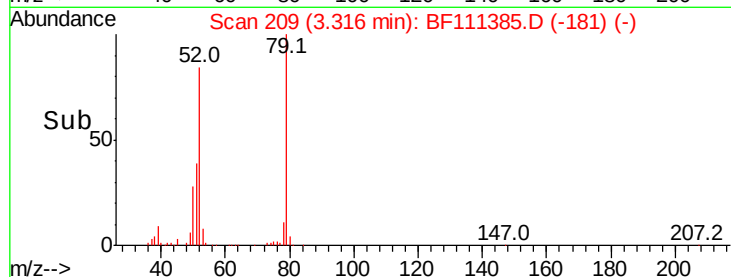
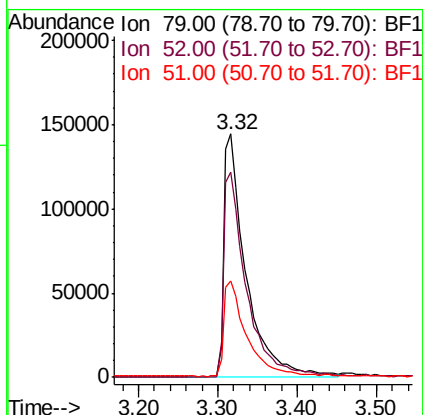
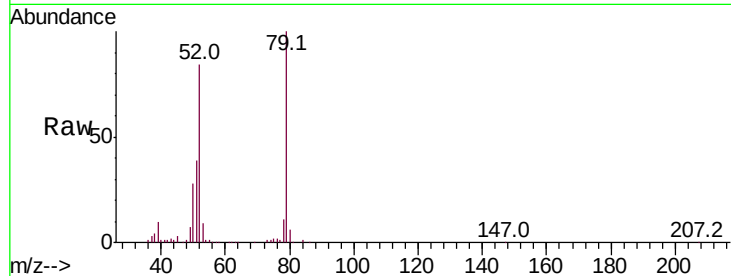
#3
 Pvridine
 Concen: 13.352 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.1	68.3	102.5
51	39.4	32.6	49.0

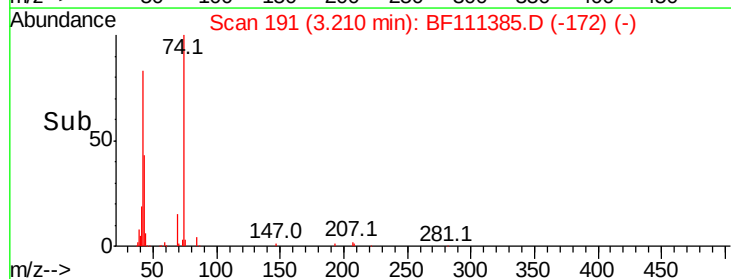
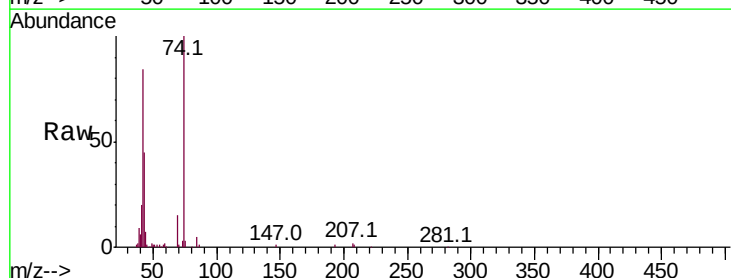
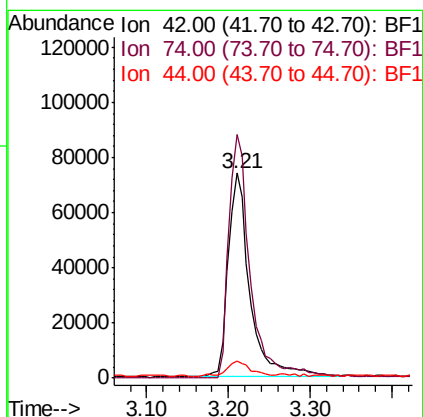
Manual Integrations
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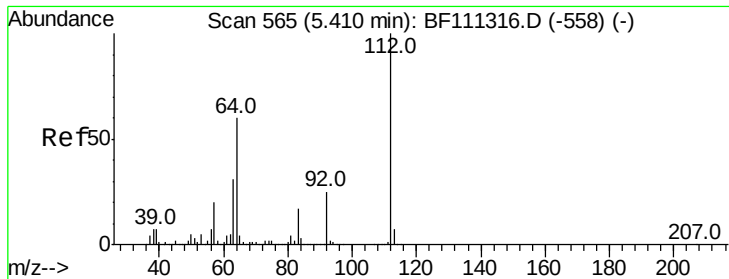
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#4
 n-Nitrosodimethylamine
 Concen: 14.033 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.9	101.5	152.3
44	8.0	6.0	9.0





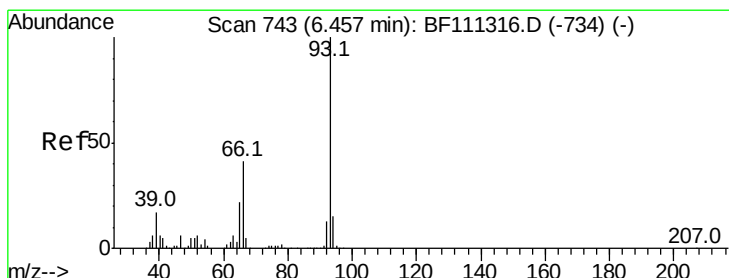
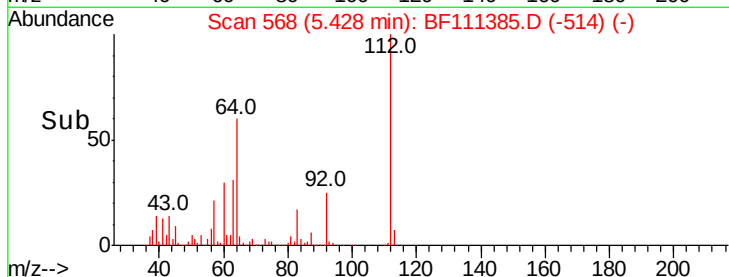
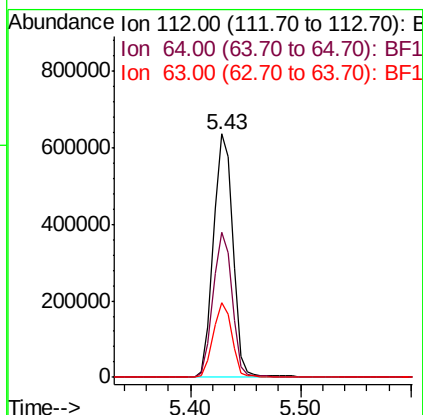
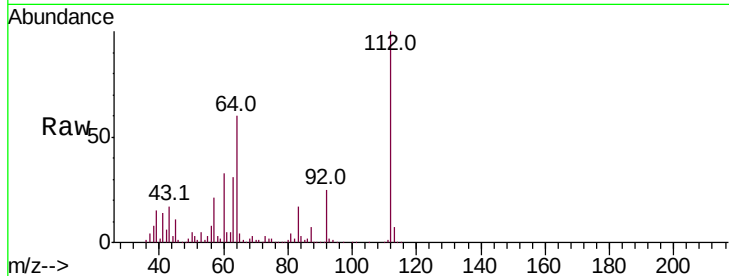
#5
2-Fluorophenol
Concen: 45.586 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion:	112	Resp:	778547
Ion Ratio	Lower	Upper	
112	100		
64	59.7	51.8	77.6
63	30.9	26.8	40.2

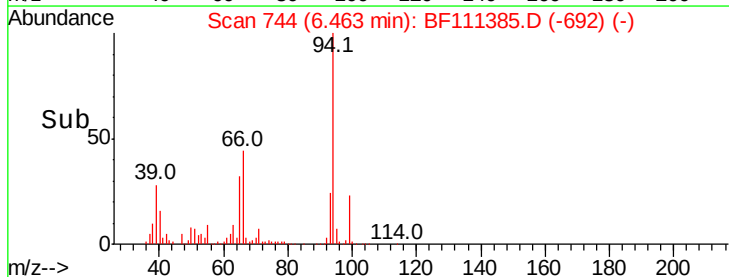
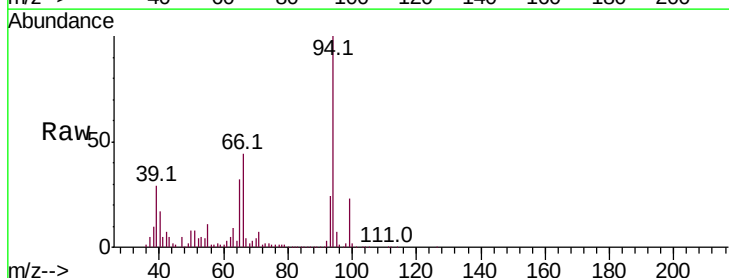
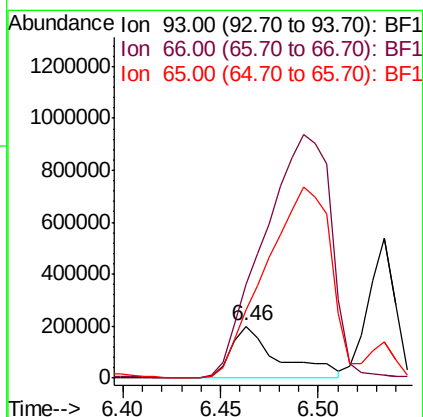
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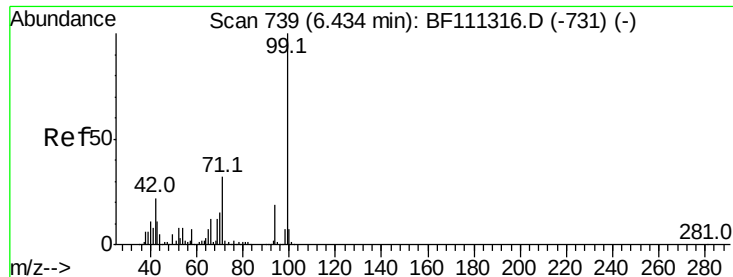
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#6
Aniline
Concen: 12.211 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:	93	Resp:	340167
Ion Ratio	Lower	Upper	
93	100		
66	181.3	33.2	49.8#
65	131.7	17.0	25.4#





#7

Phenol-d6

Concen: 25.978 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.04 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

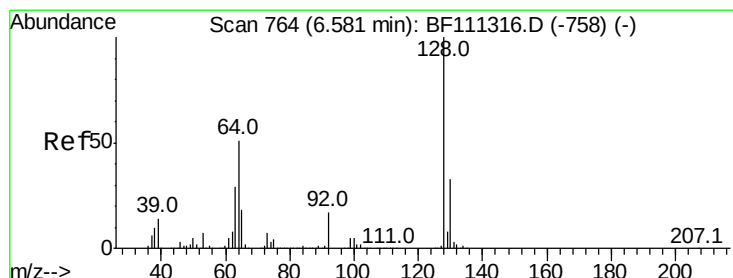
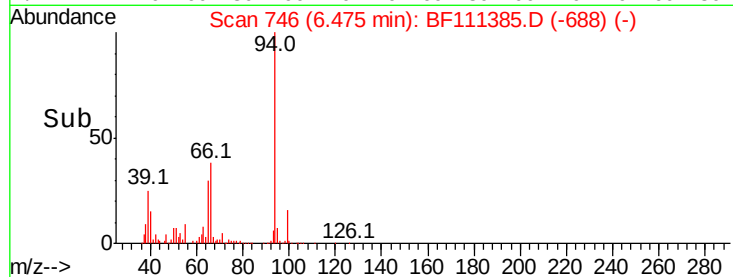
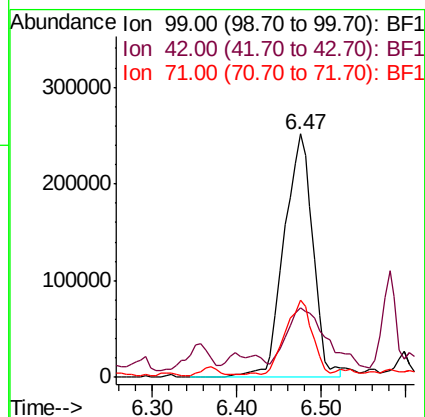
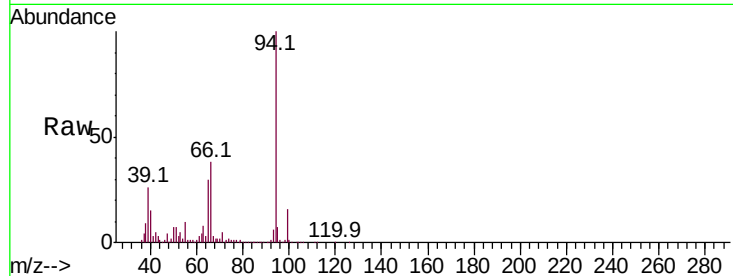
ClientSampleId :

P001-SW004-01MS

Tot Ion:	99	Resp:	598194
Ion Ratio	Lower	Upper	
99	100		
42	28.8	17.4	26.0#
71	31.8	26.1	39.1

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#8

2-Chlorophenol

Concen: 21.202 ng

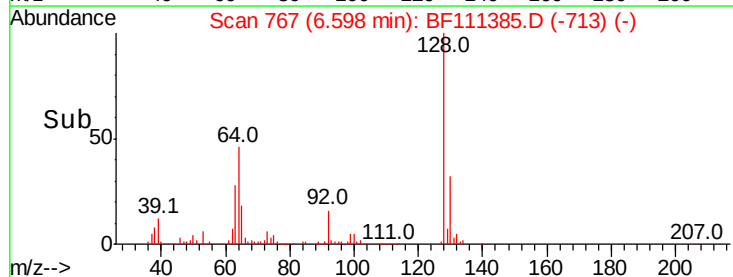
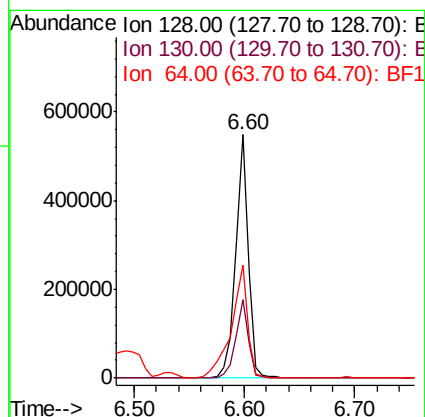
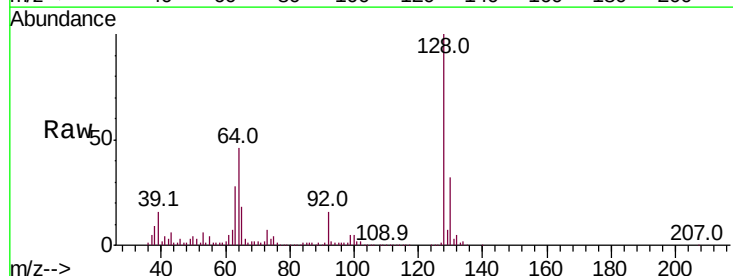
RT: 6.60 min Scan# 767

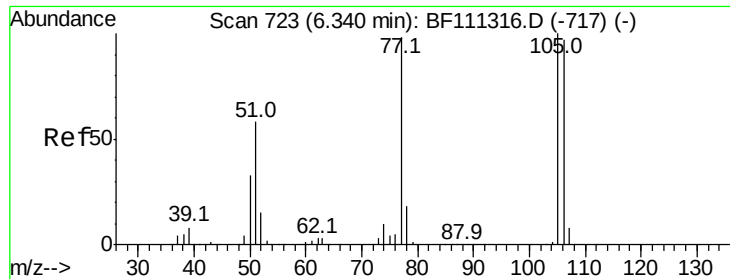
Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:	128	Resp:	445081
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.7	52.7
64	46.3	30.0	70.0





#9

Benzaldehyde

Concen: 12.088 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

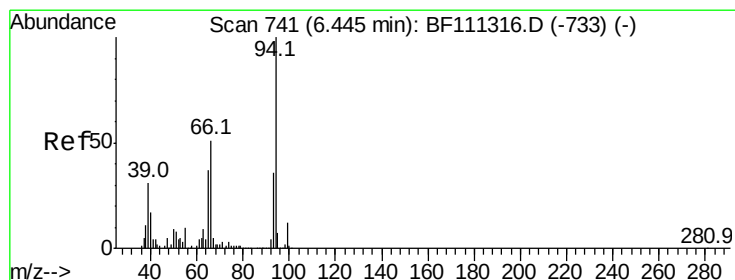
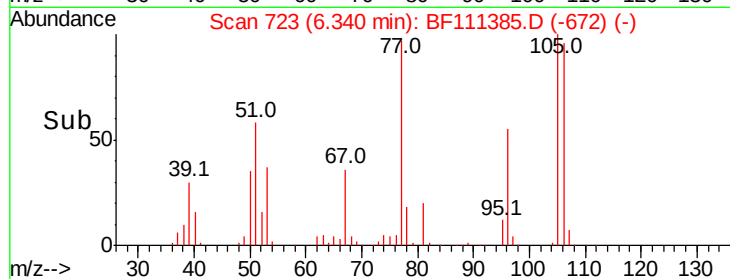
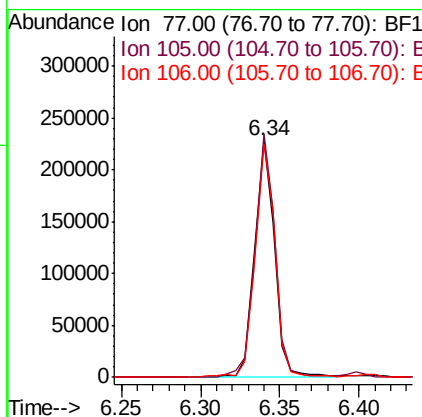
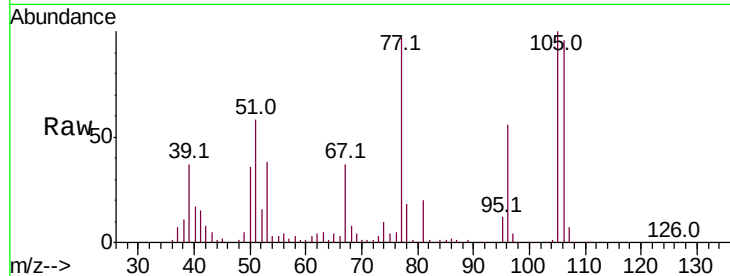
ClientSampleId :

P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.4	121.4
106	98.4	77.9	117.9

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#10

Phenol

Concen: 221.948 ng

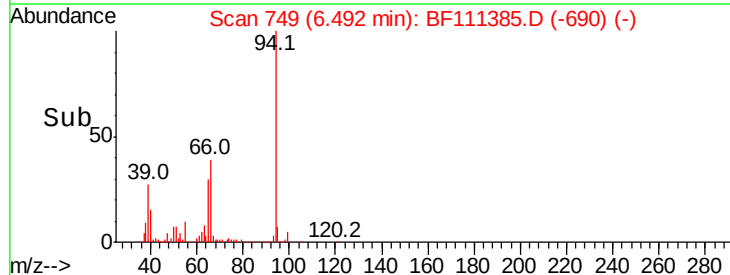
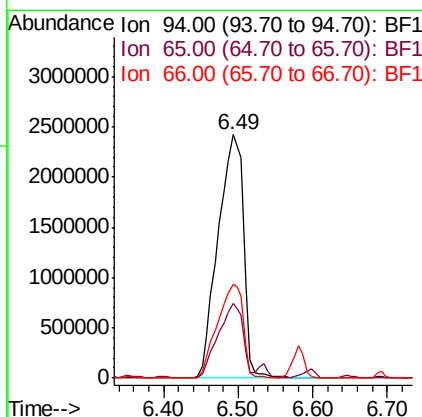
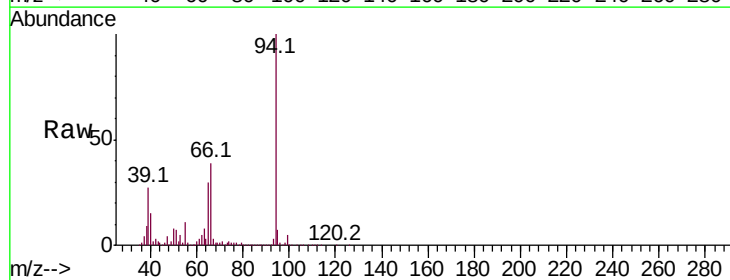
RT: 6.49 min Scan# 749

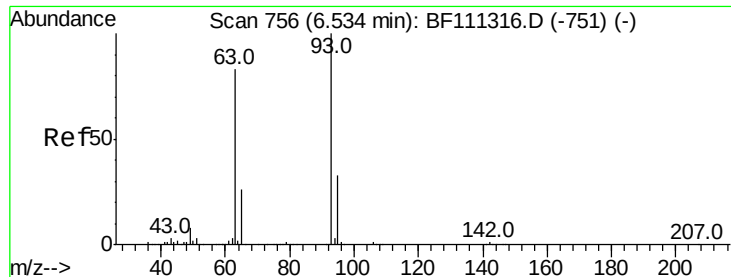
Delta R.T. 0.05 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.7	51.7
66	38.7	21.0	61.0





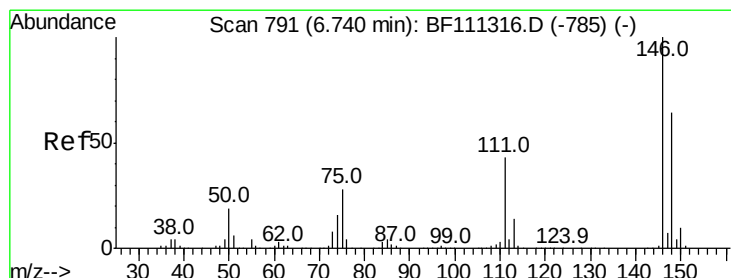
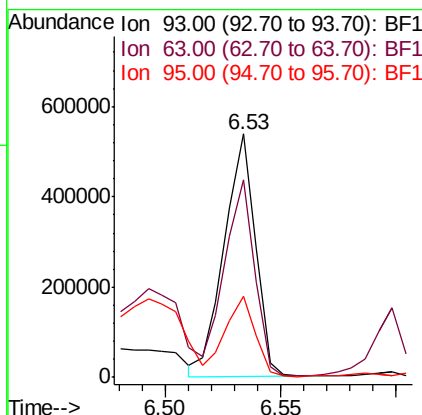
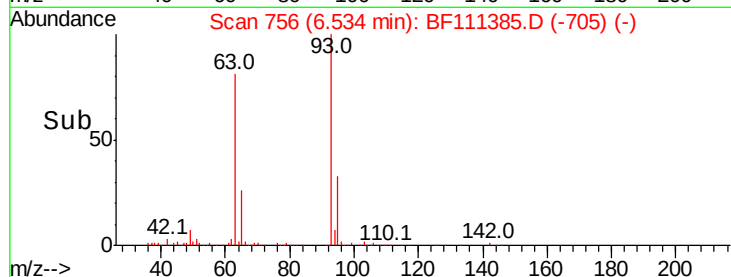
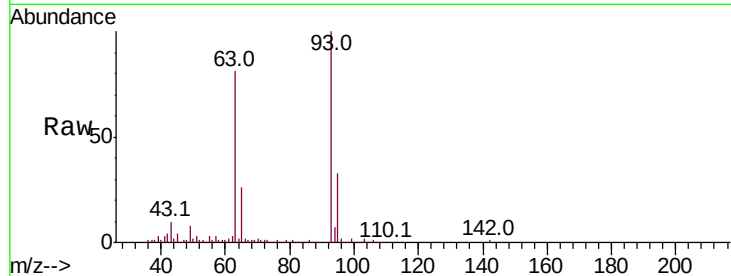
#11
bis(2-Chloroethyl)ether
Concen: 24.694 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.1	60.0	100.0
95	33.3	13.4	53.4

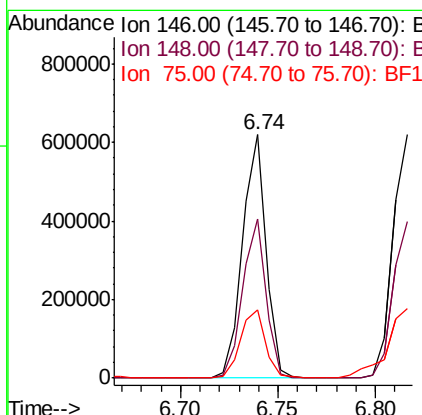
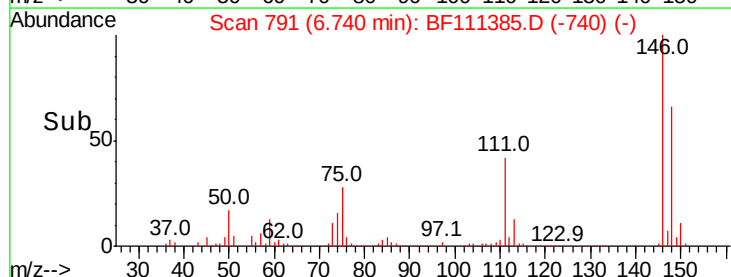
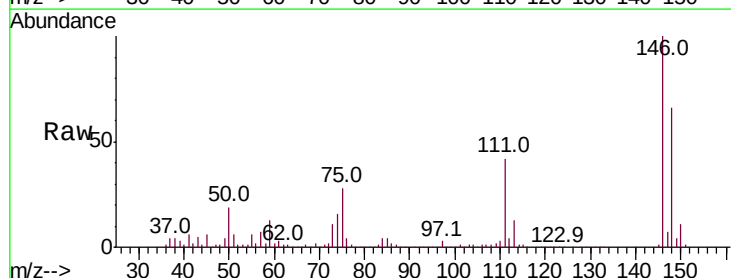
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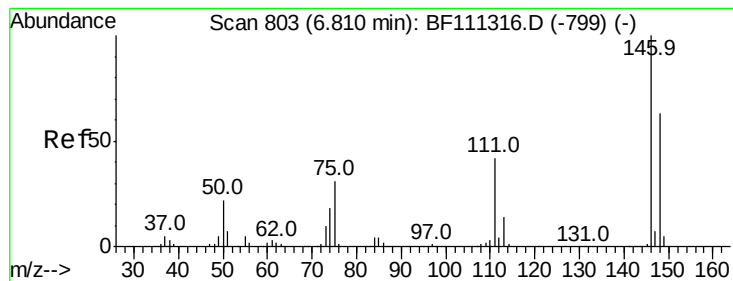
Sohil
12/14/2018 12:53:38 PM



#12
1,3-Dichlorobenzene
Concen: 22.787 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
75	28.2	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 21.834 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

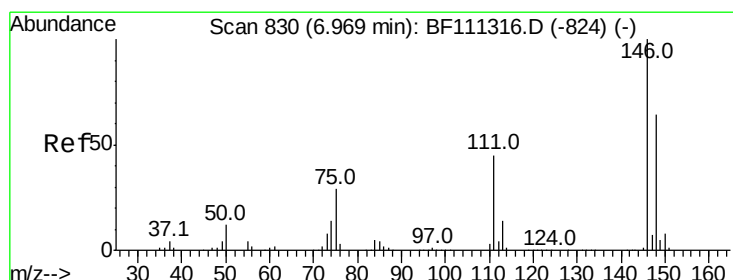
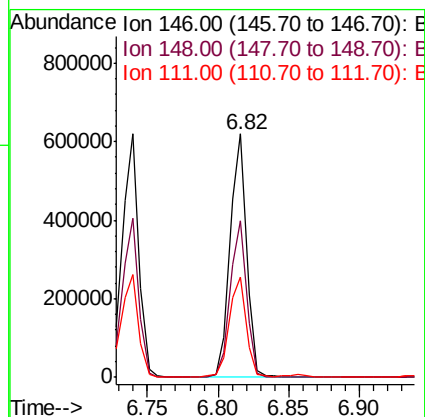
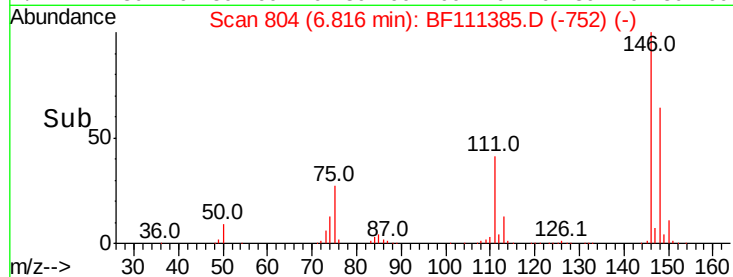
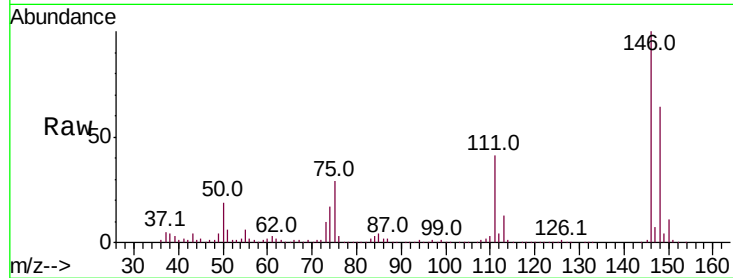
ClientSampleId :

P001-SW004-01MS

Tot Ion:	146	Resp:	502283
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.8	79.2
111	41.2	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 22.101 ng

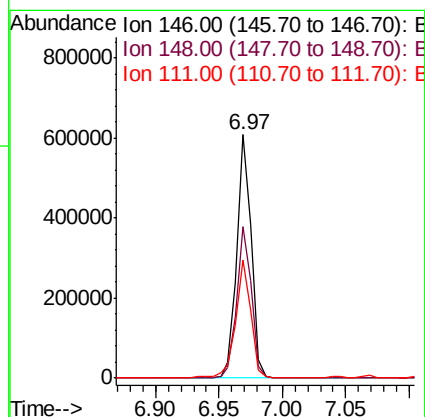
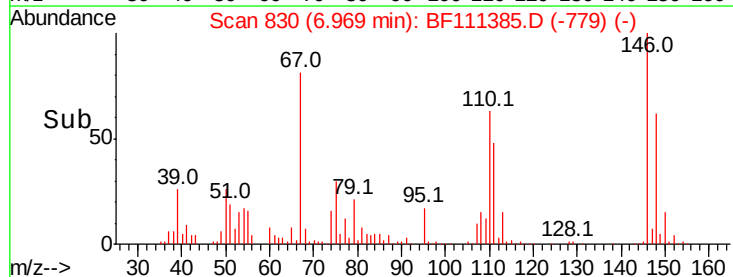
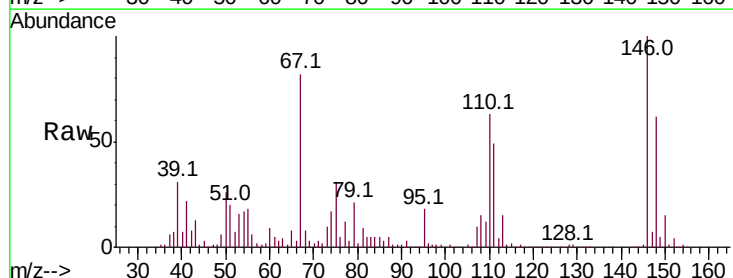
RT: 6.97 min Scan# 830

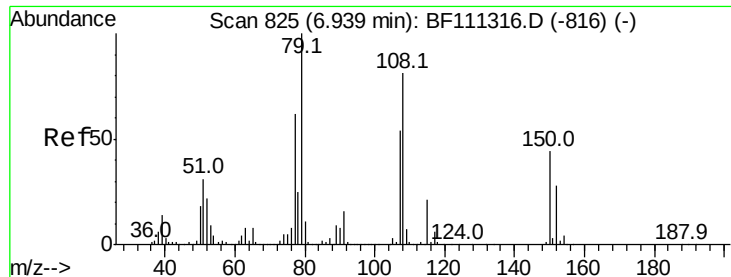
Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:	146	Resp:	470357
Ion Ratio	Lower	Upper	
146	100		
148	62.2	51.9	77.9
111	48.7	36.2	54.4





#15

Benzyl Alcohol

Concen: 18.477 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

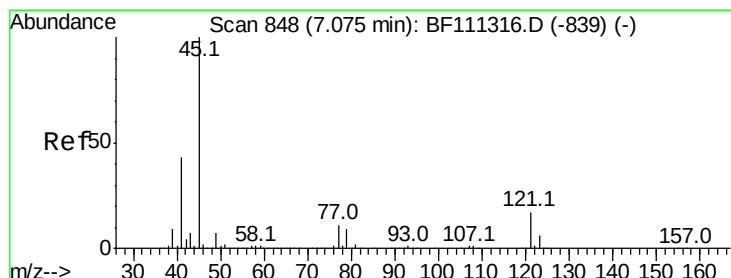
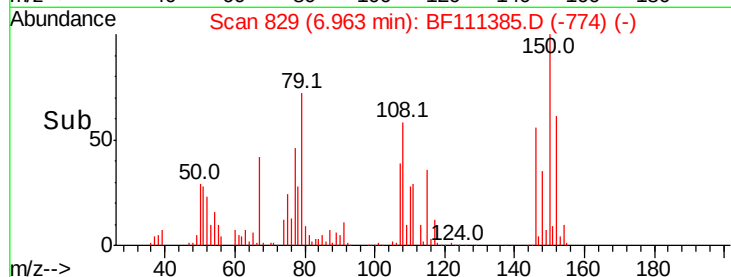
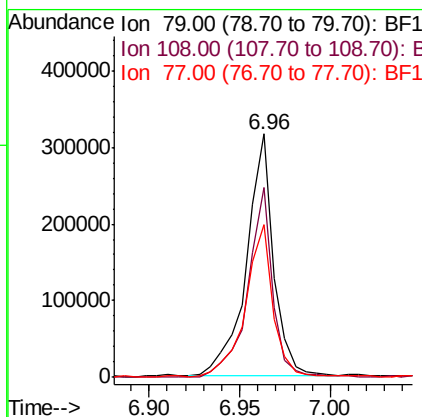
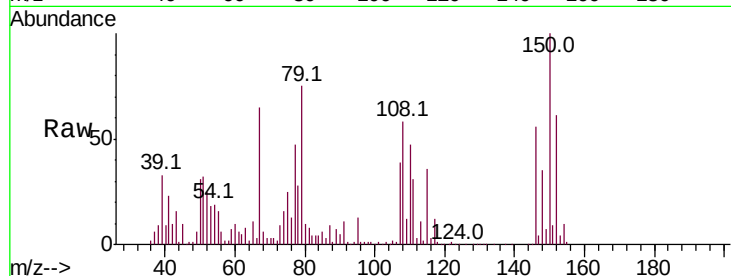
ClientSampleId :

P001-SW004-01MS

Tot Ion:	79	Resp:	325801
Ion Ratio	Lower	Upper	
79	100		
108	78.0	69.4	104.2
77	62.9	49.7	74.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.312 ng m

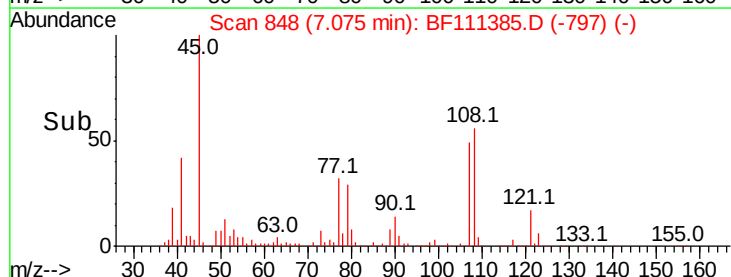
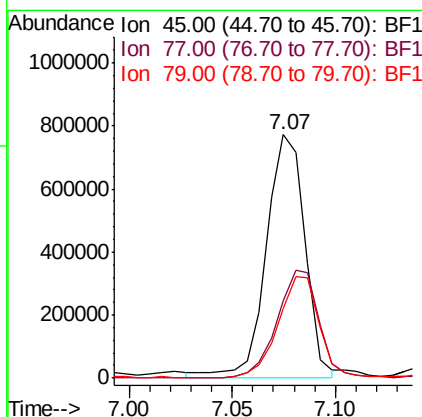
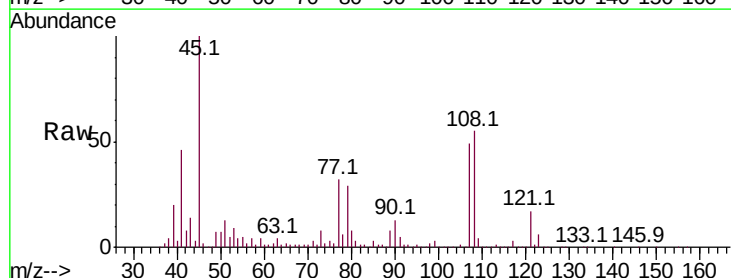
RT: 7.07 min Scan# 848

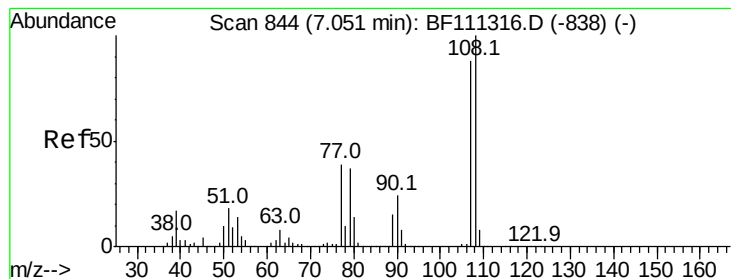
Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:	45	Resp:	1006287
Ion Ratio	Lower	Upper	
45	100		
77	31.5	0.0	31.5#
79	28.7	0.0	28.9





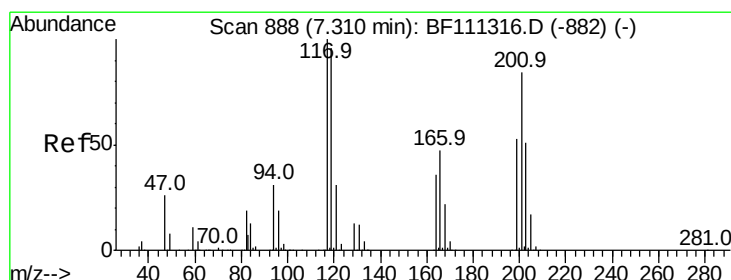
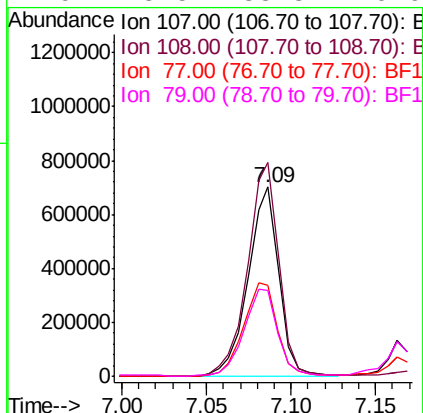
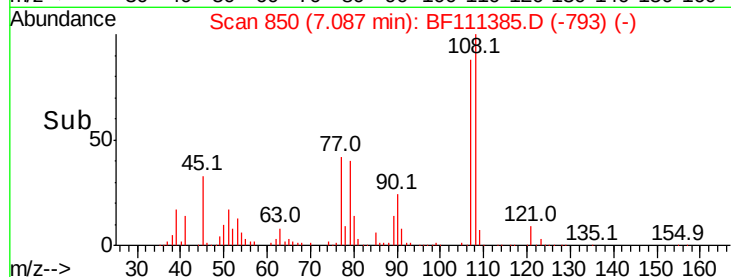
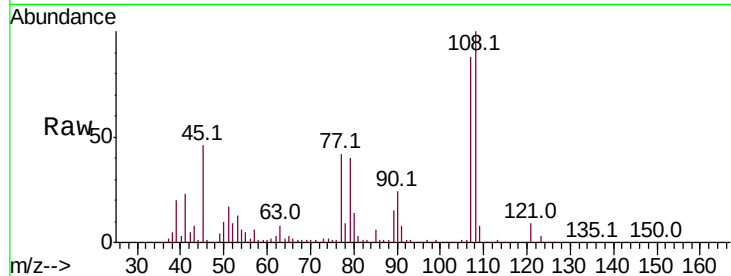
#17
2-Methylphenol
Concen: 52.633 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.04 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.0	136.4	
77	47.9	33.5	50.3	
79	45.5	33.3	49.9	

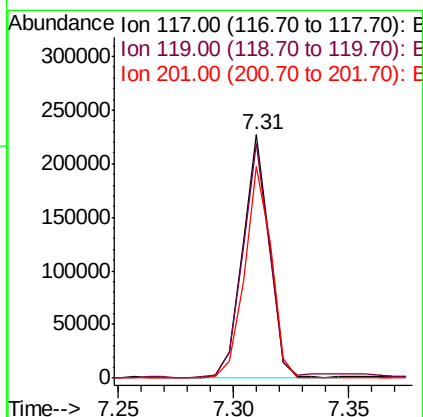
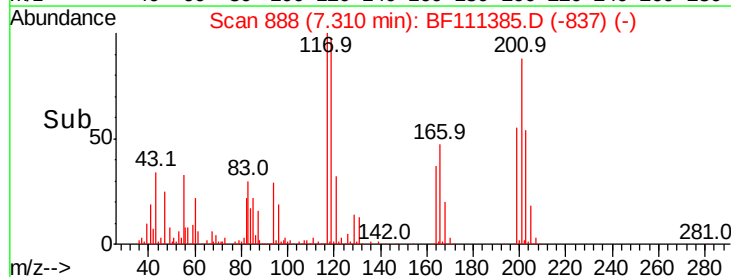
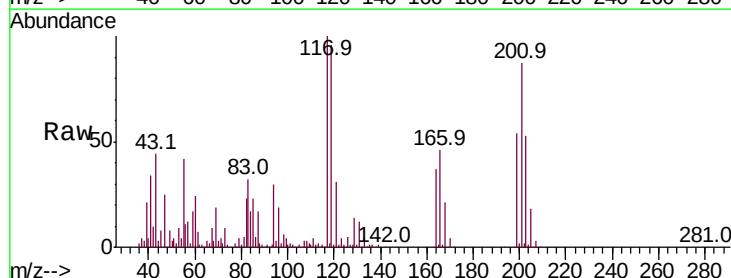
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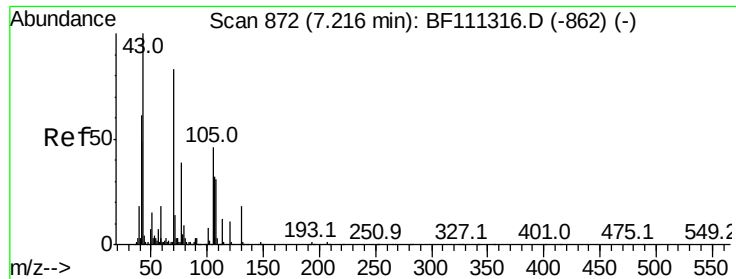
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#18
Hexachloroethane
Concen: 21.264 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.4	113.0	
201	86.8	62.4	93.6	





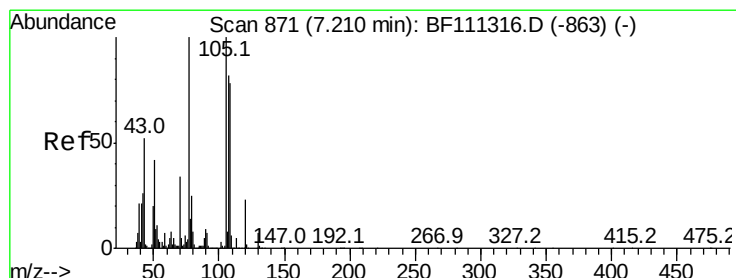
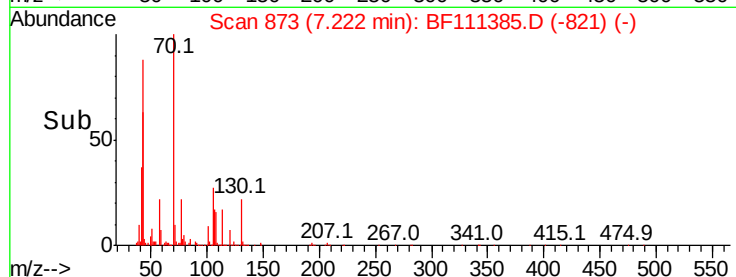
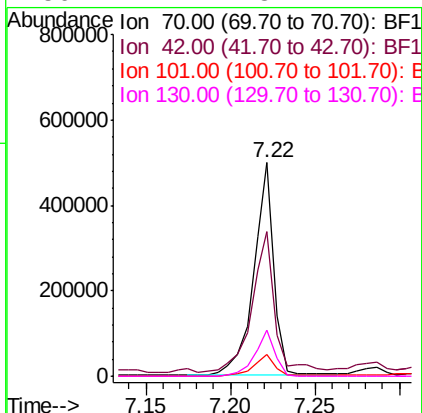
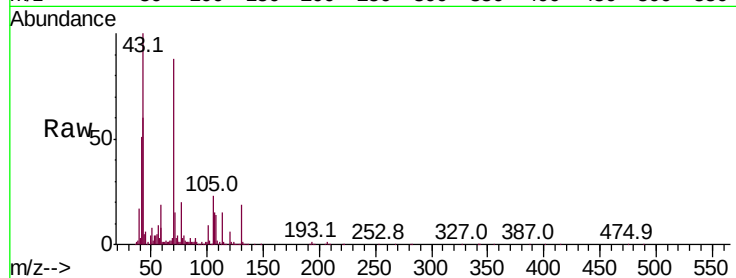
#19
n-Nitroso-di-n-propylamine
Concen: 27.412 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.8	53.2	79.8
101	10.1	8.2	12.4
130	21.4	18.1	27.1

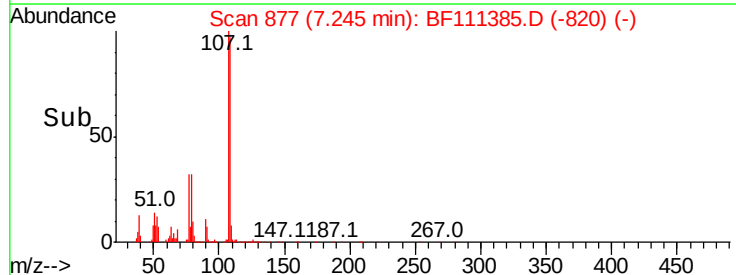
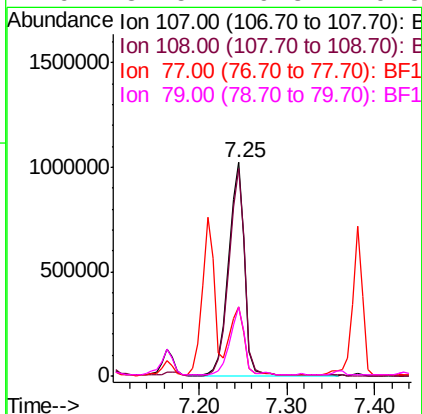
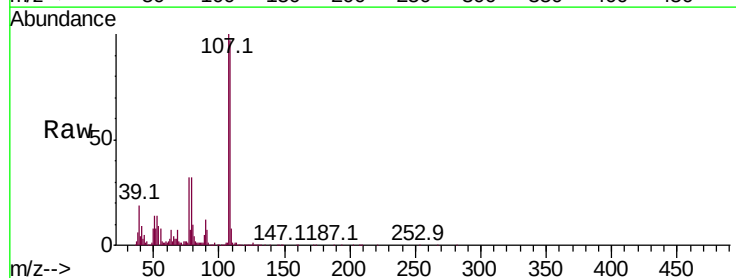
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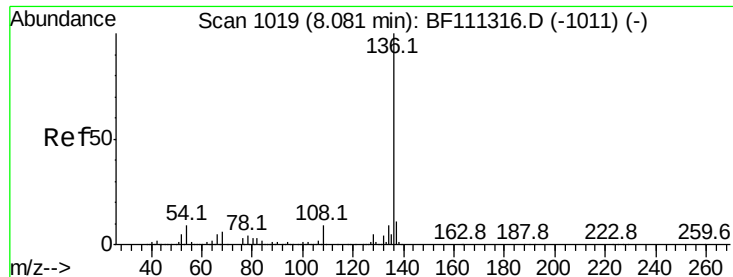
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#20
3+4-Methylphenols
Concen: 63.699 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.04 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.1	72.1	112.1
77	32.2	94.1	134.1#
79	32.5	9.8	49.8





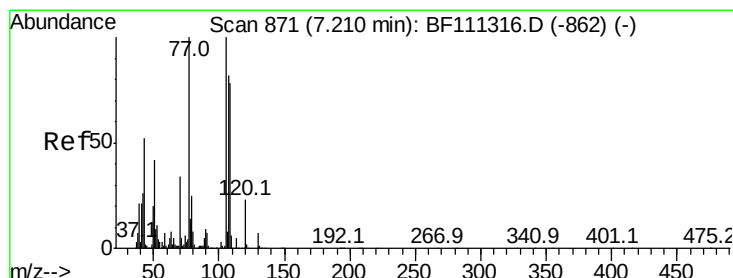
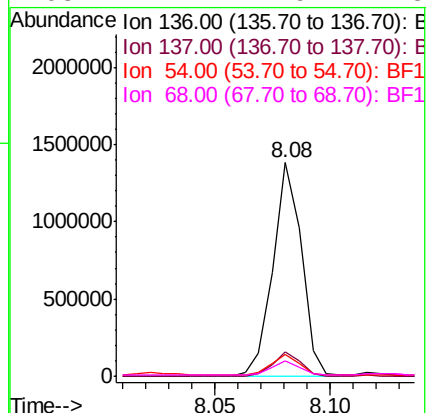
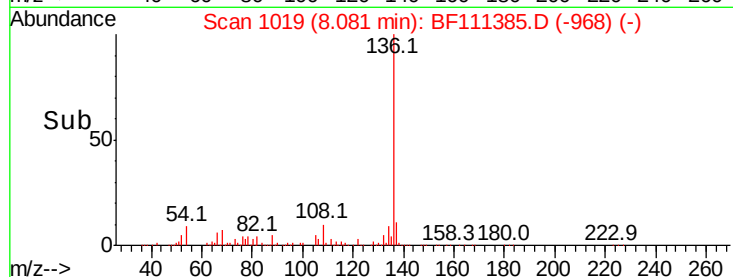
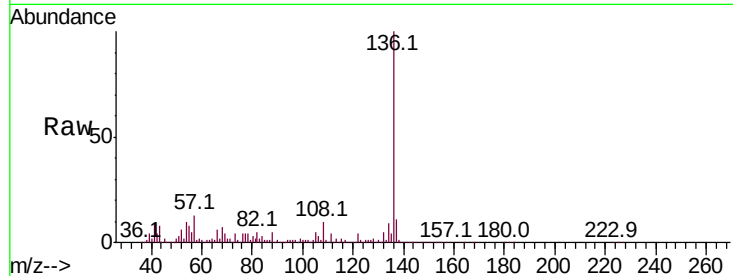
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.5	7.7	11.5
68	7.1	4.9	7.3

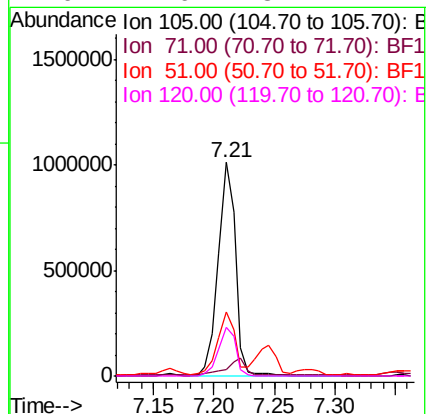
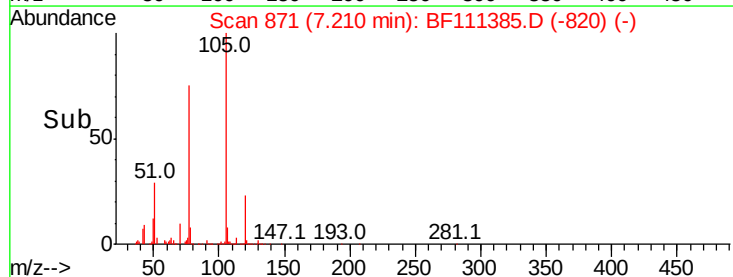
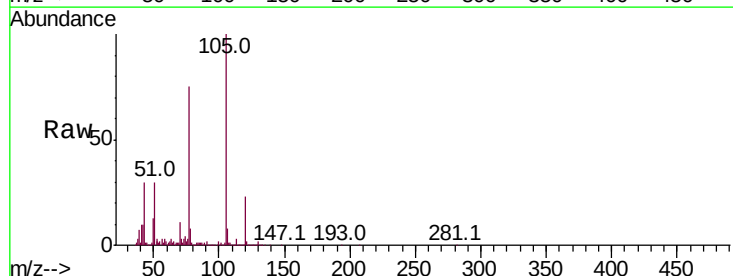
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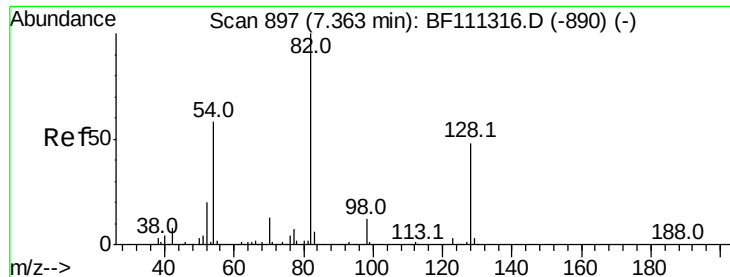
Sohil
12/14/2018 12:53:38 PM



#22
Acetophenone
Concen: 35.853 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.1	4.7
51	30.0	36.6	54.8#
120	22.6	18.2	27.4





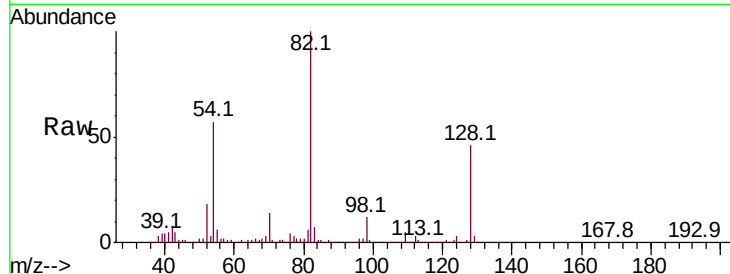
#23
 Nitrobenzene-d5
 Concen: 58.926 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

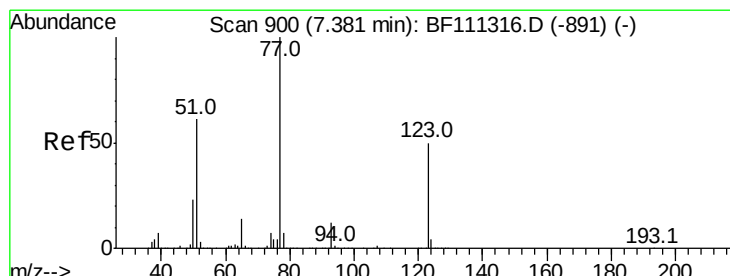
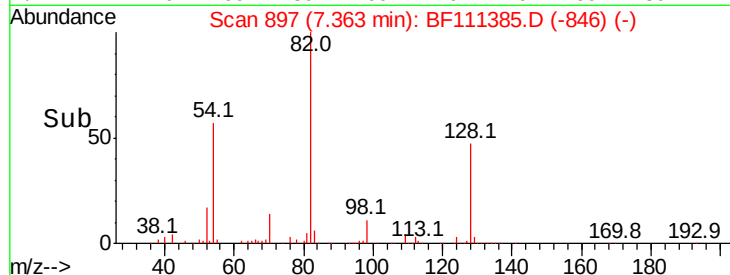
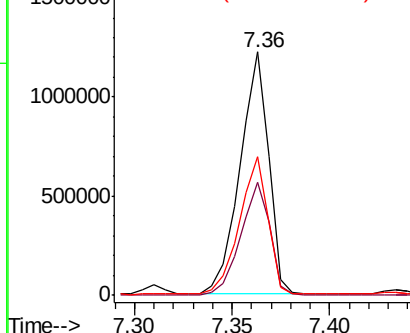
Tot Ion: 82 Resp: 1244707
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.4 56.2
 54 57.1 47.6 71.4

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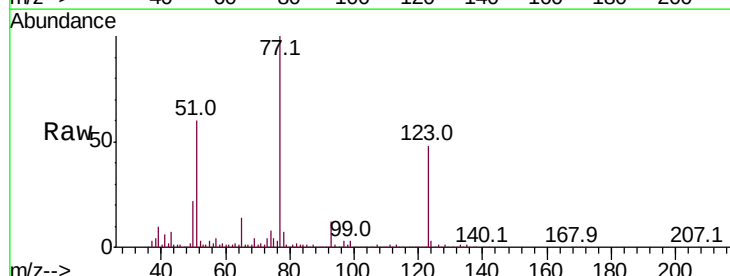


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

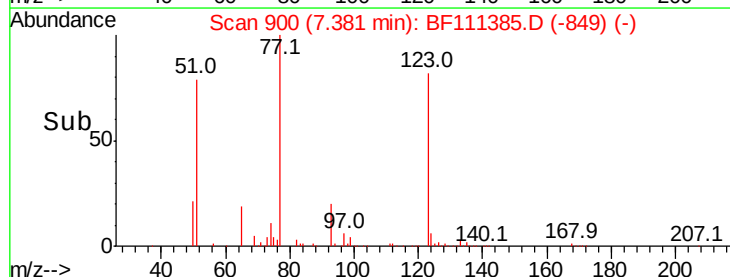
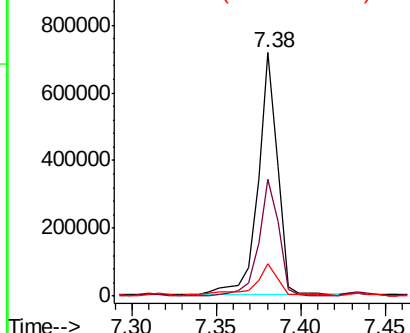


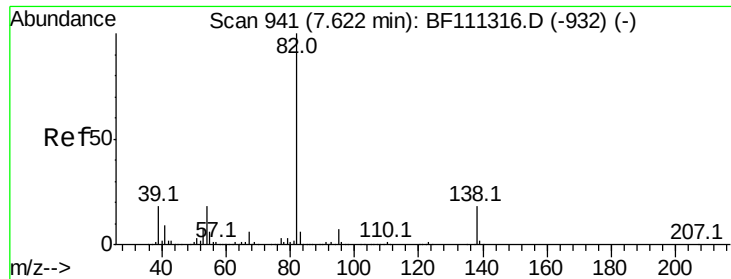
#24
 Nitrobenzene
 Concen: 26.544 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion: 77 Resp: 577537
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.2 55.8
 65 13.5 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: 27.721 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

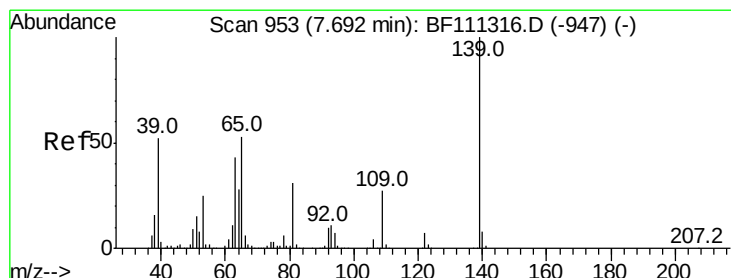
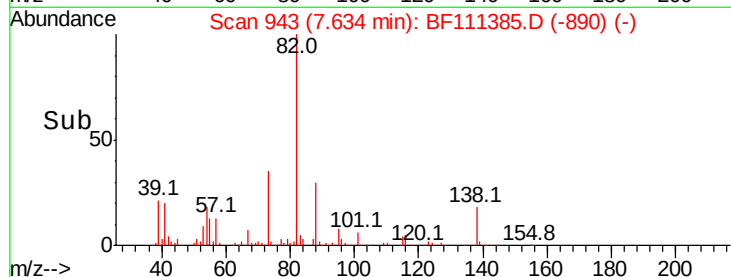
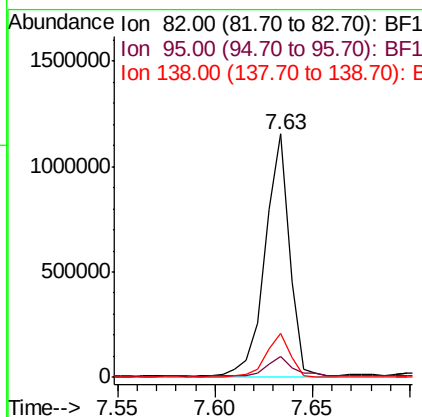
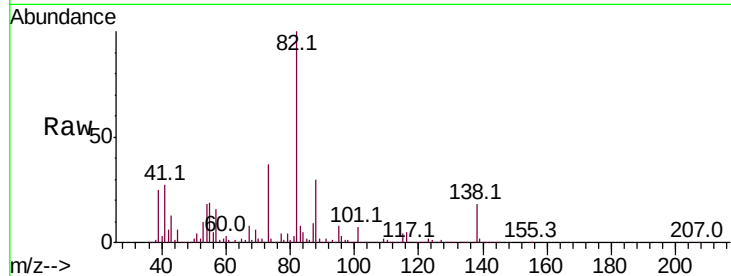
ClientSampleId :

P001-SW004-01MS

Tot Ion:	82	Resp:	994639
Ion Ratio	Lower	Upper	
82	100		
95	8.4	5.4	8.2#
138	18.2	15.1	22.7

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#26

2-Nitrophenol

Concen: 23.683 ng

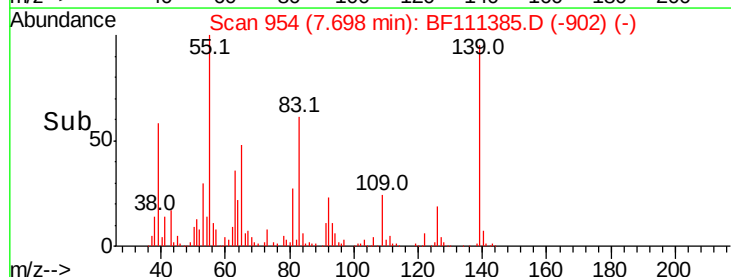
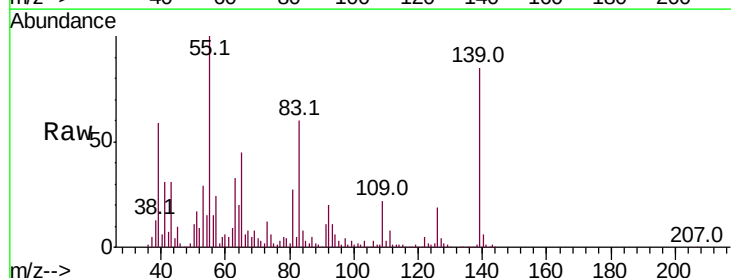
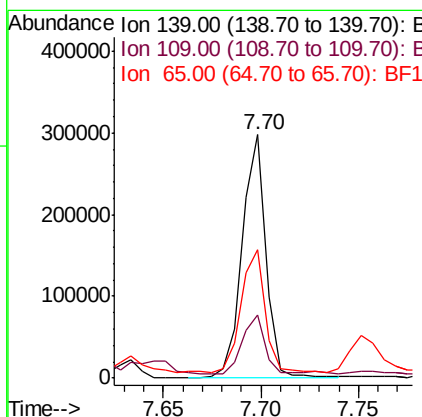
RT: 7.70 min Scan# 954

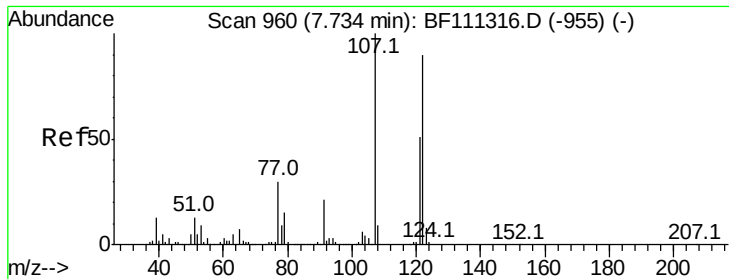
Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:	139	Resp:	253283
Ion Ratio	Lower	Upper	
139	100		
109	25.9	20.2	30.4
65	52.6	40.7	61.1





#27

2,4-Dimethylphenol

Concen: 33.957 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

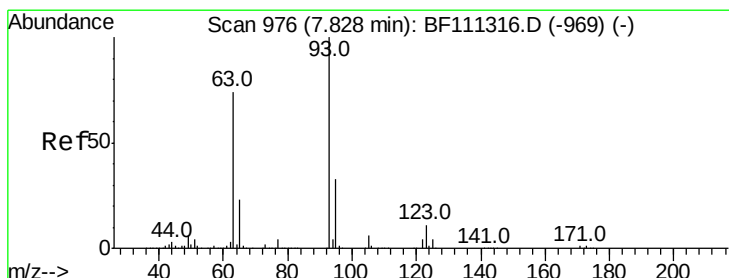
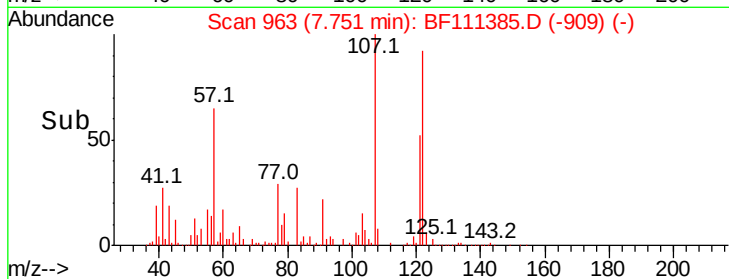
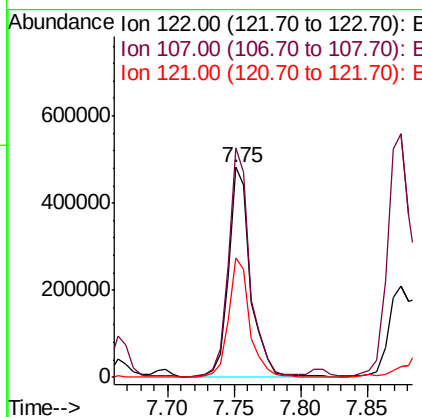
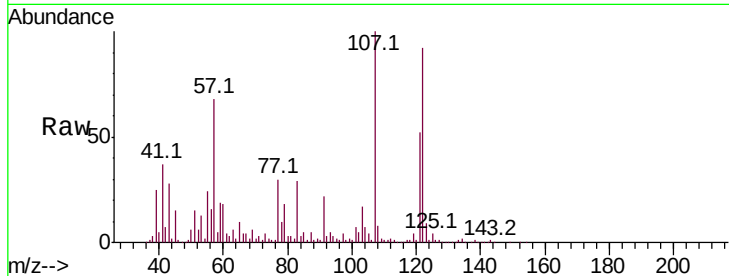
ClientSampleId :

P001-SW004-01MS

Tot Ion:	122	Resp:	551272
Ion Ratio	Lower	Upper	
122	100		
107	109.0	85.5	128.3
121	56.6	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 25.418 ng

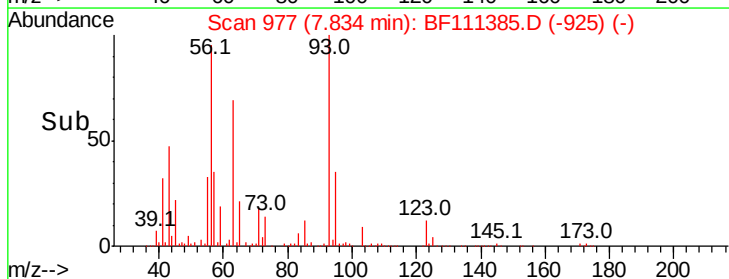
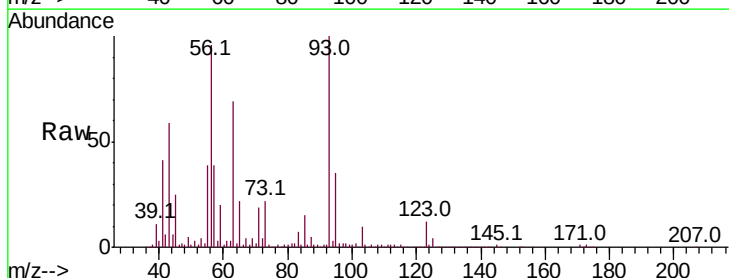
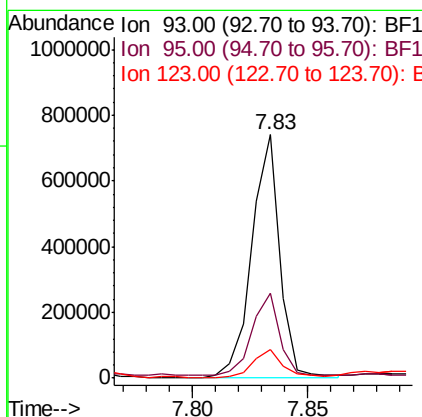
RT: 7.83 min Scan# 977

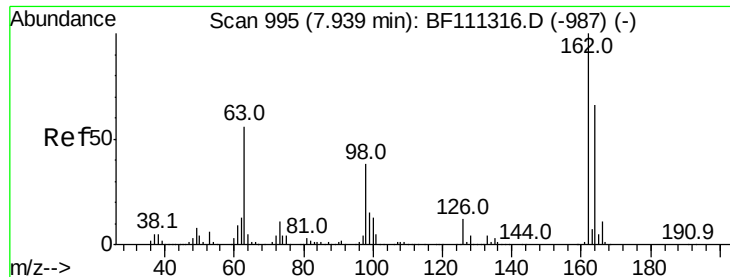
Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:	93	Resp:	625988
Ion Ratio	Lower	Upper	
93	100		
95	34.7	27.1	40.7
123	11.9	9.9	14.9





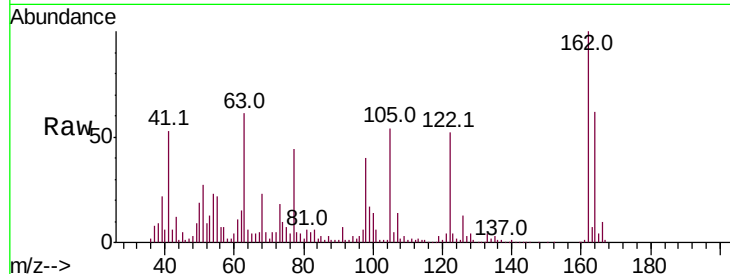
#29
2,4-Dichlorophenol
Concen: 28.213 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	477785		
164	62.2		44.4	84.4
98	40.0		20.3	60.3

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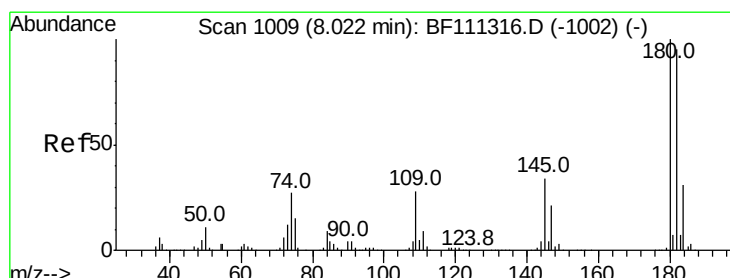
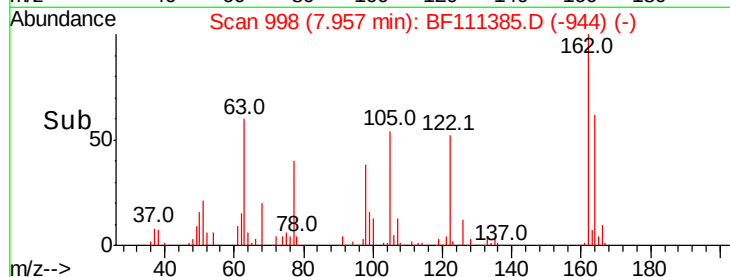
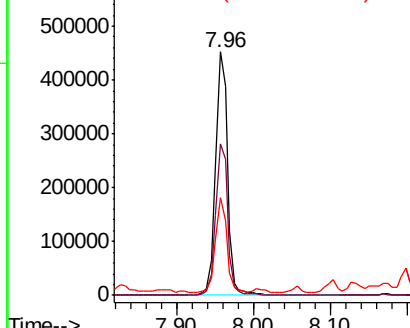


Abundance

Ion 162.00 (161.70 to 162.70): E

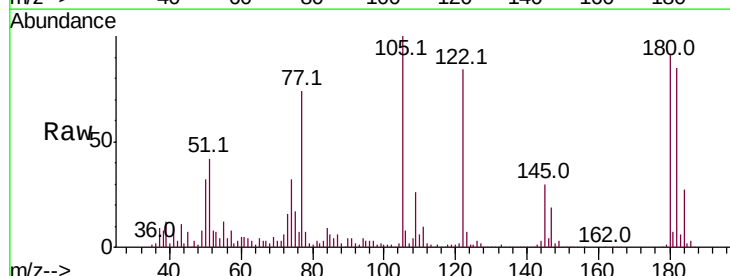
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 22.538 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	392177		
182	93.8		75.6	113.4
145	32.5		26.7	40.1

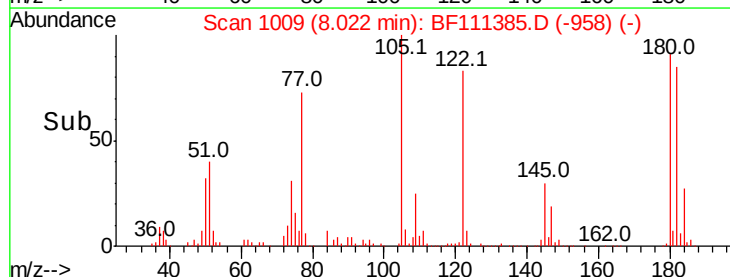
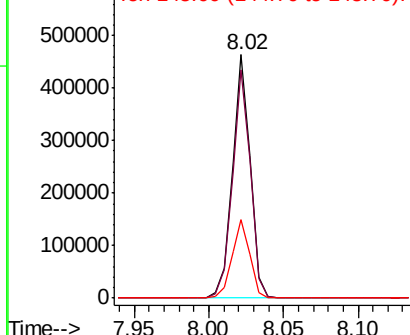


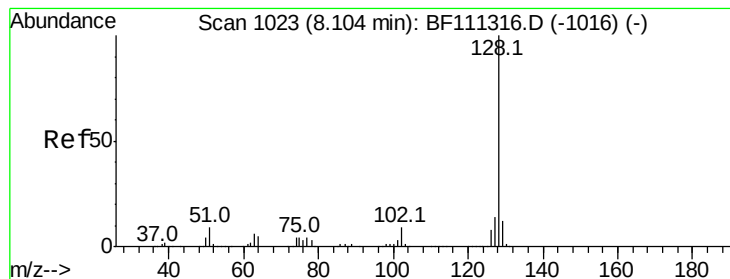
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.613 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

ClientSampleId :

P001-SW004-01MS

Tot Ion:128 Resp: 1587125

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

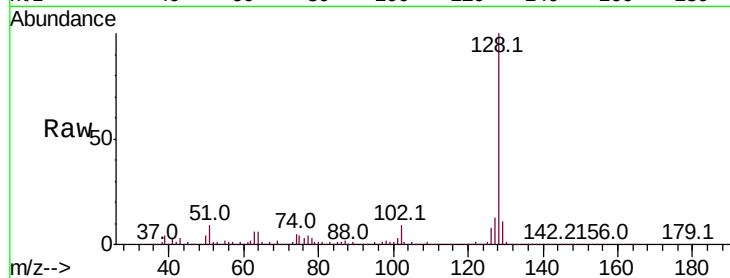
127 13.4 12.0 18.0

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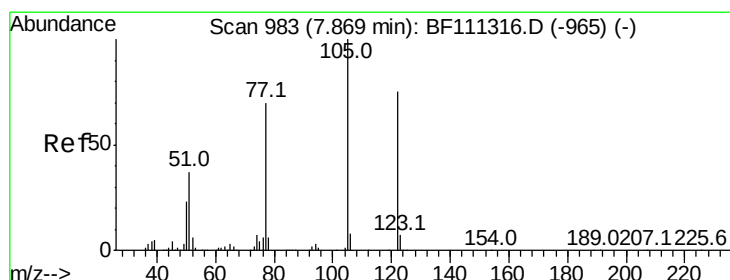
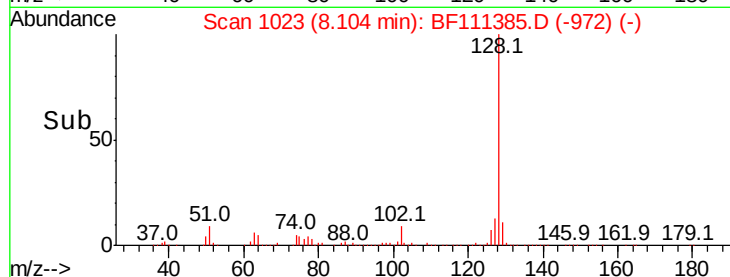
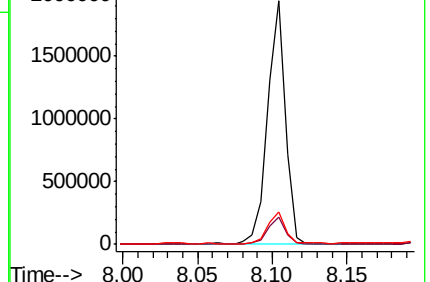
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 201.301 ng m

RT: 8.05 min Scan# 1013

Delta R.T. 0.18 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

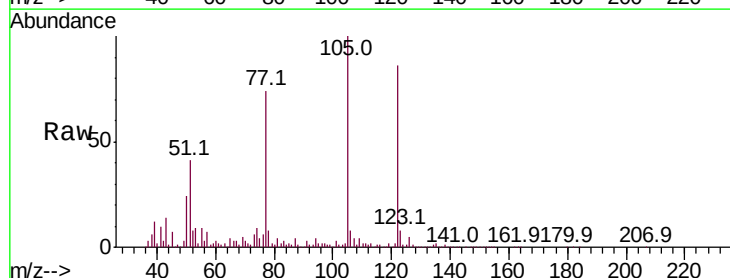
Tgt Ion:122 Resp: 2716669

Ion Ratio Lower Upper

122 100

105 115.9 97.0 137.0

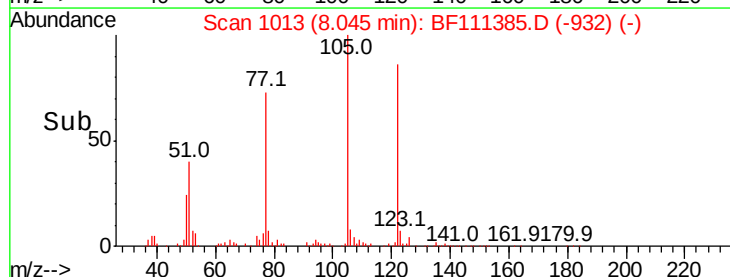
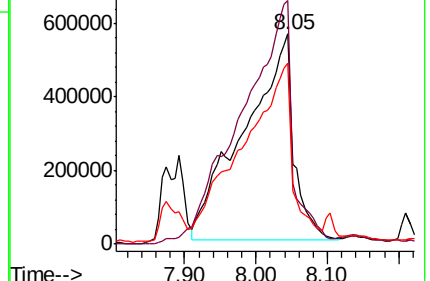
77 85.9 65.7 105.7

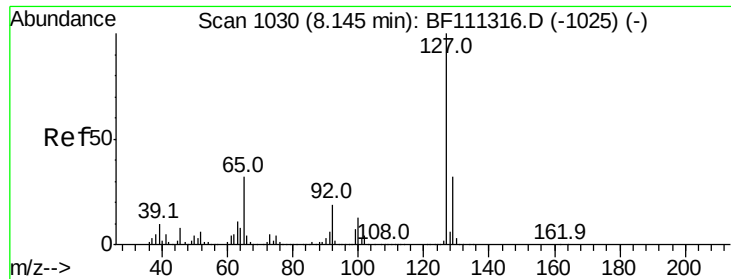


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





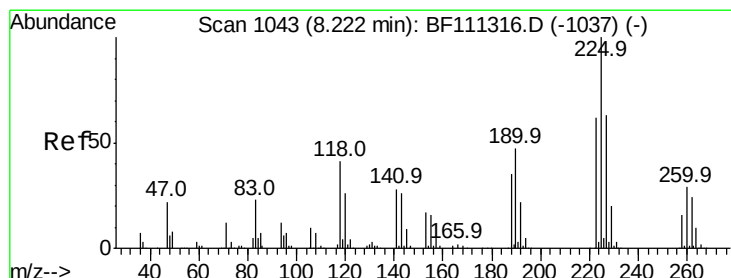
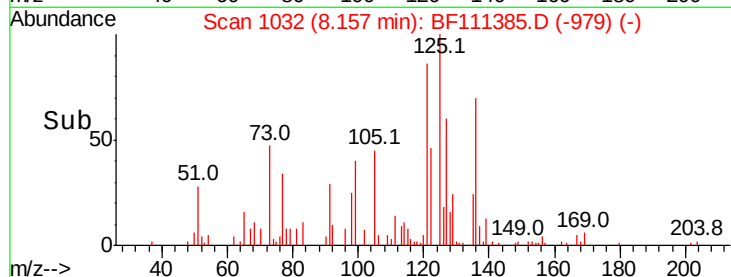
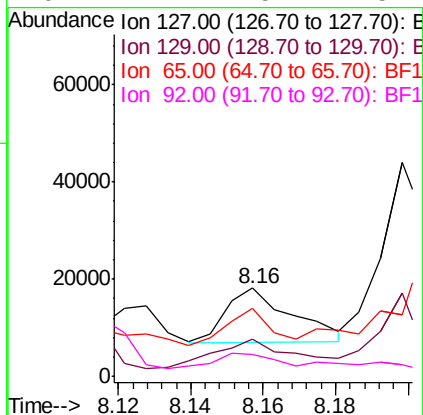
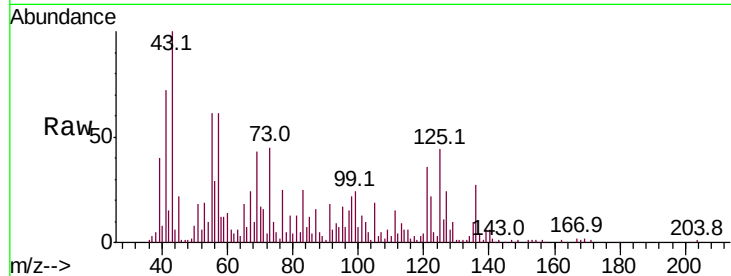
#33
4-Chloroaniline
Concen: 0.593 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	41.7	26.6	39.8#
65	76.8	25.7	38.5#
92	24.4	15.4	23.2#

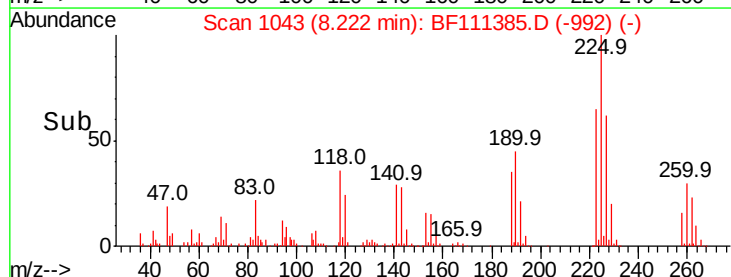
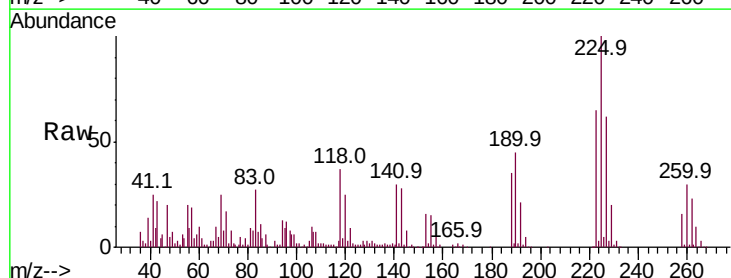
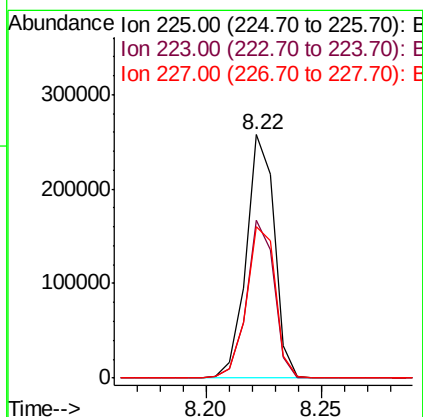
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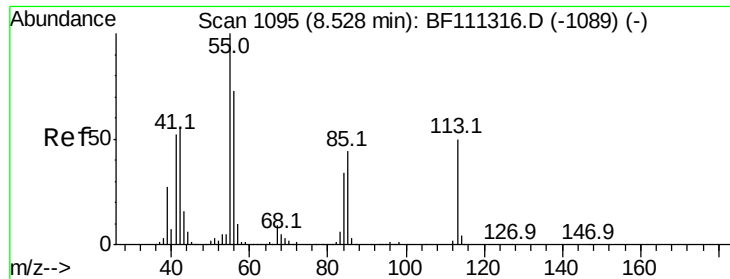
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#34
Hexachlorobutadiene
Concen: 22.784 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.7	76.1
227	62.3	52.6	78.8





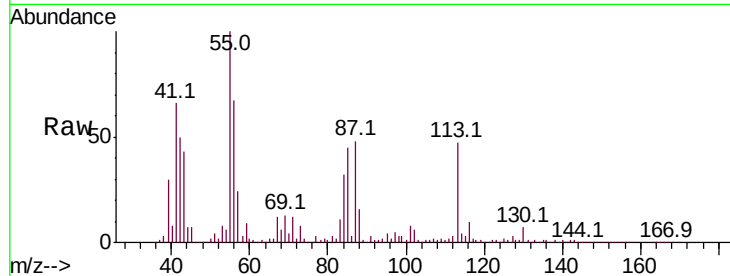
#35
Caprolactam
Concen: 342.600 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.13 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

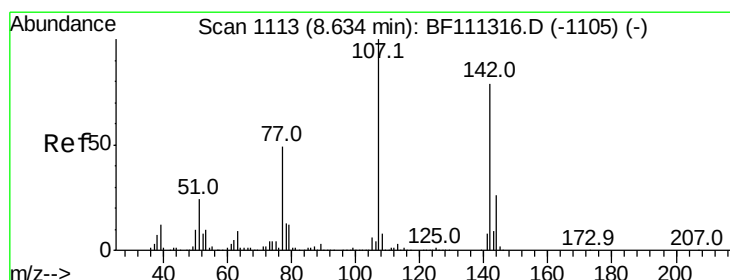
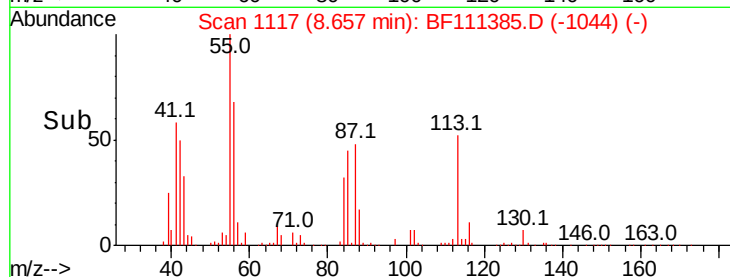
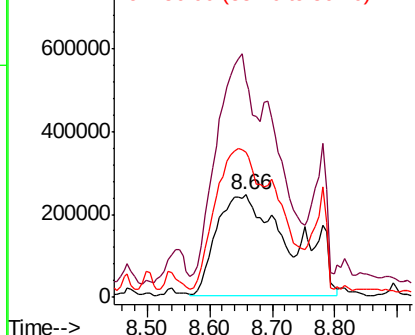
Tot Ion:113 Resp: 2033007
Ion Ratio Lower Upper
113 100
55 212.0 184.1 224.1
56 142.2 126.0 166.0

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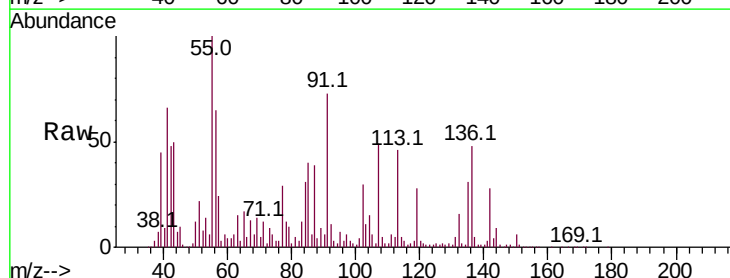


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

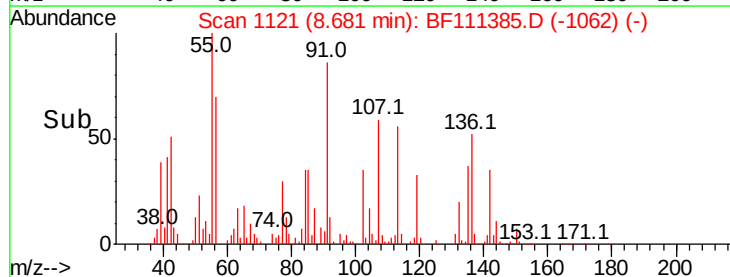
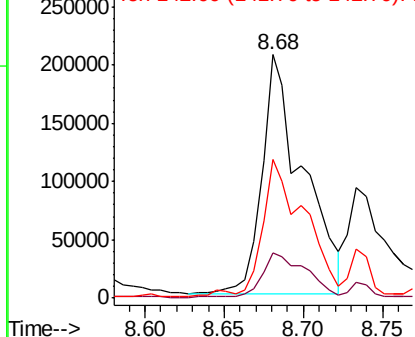


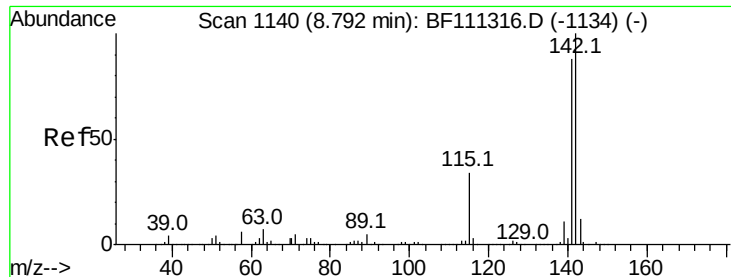
#36
4-Chloro-3-methylphenol
Concen: 20.347 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:107 Resp: 367196
Ion Ratio Lower Upper
107 100
144 18.5 19.8 29.6#
142 56.7 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





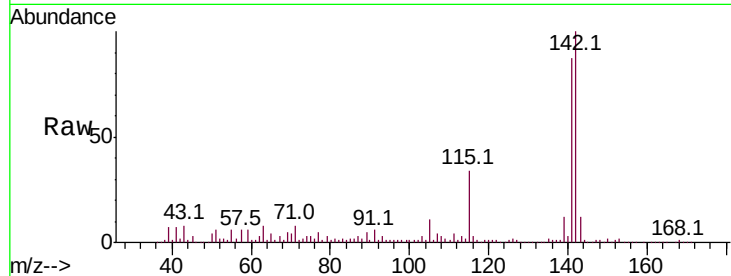
#37
2-Methylnaphthalene
Concen: 26.078 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

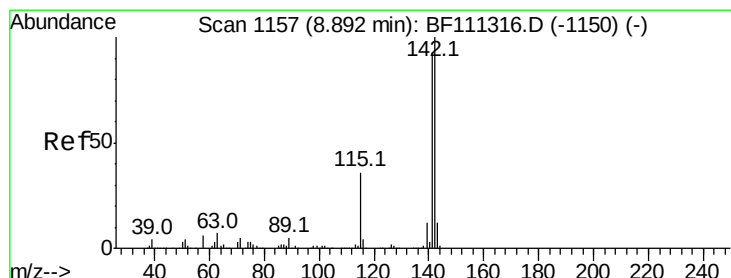
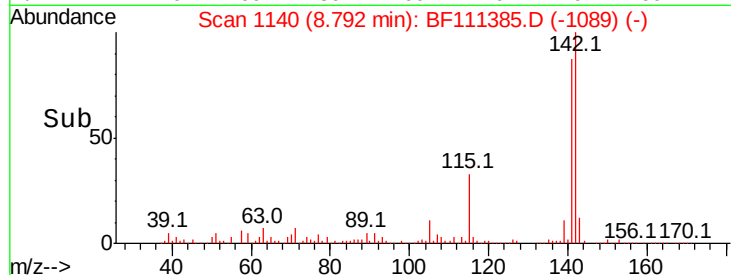
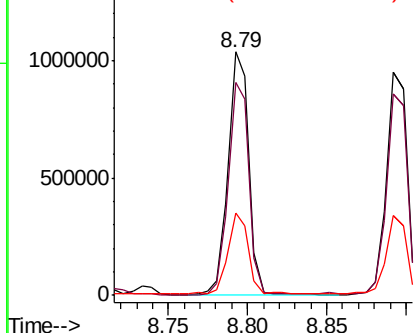
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.6	105.8
115	34.0	27.0	40.6

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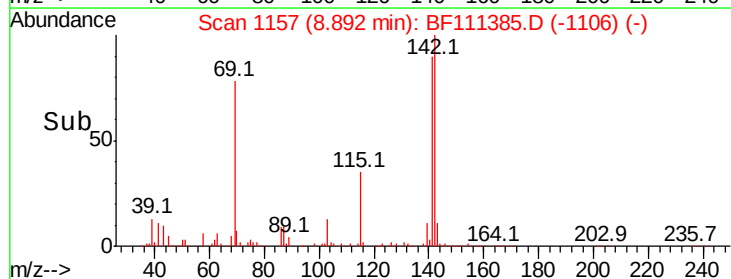
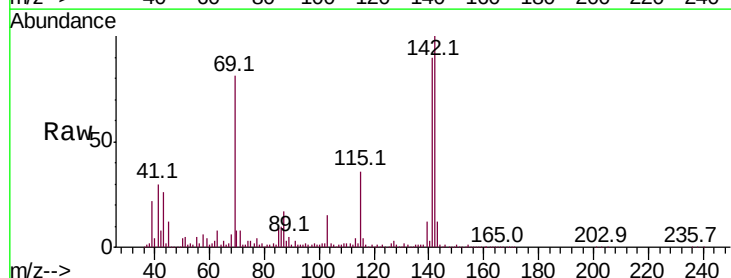
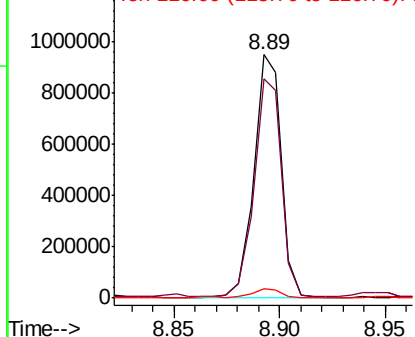
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

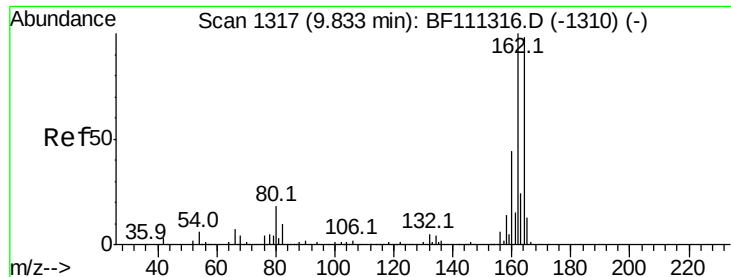


#38
1-Methylnaphthalene
Concen: 24.491 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.2	111.4
116	3.9	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





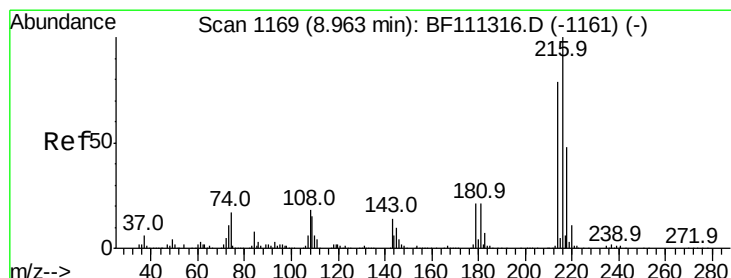
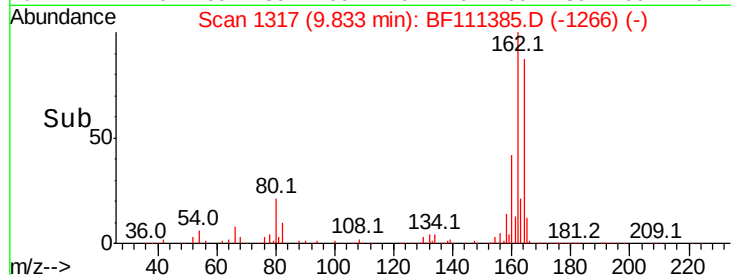
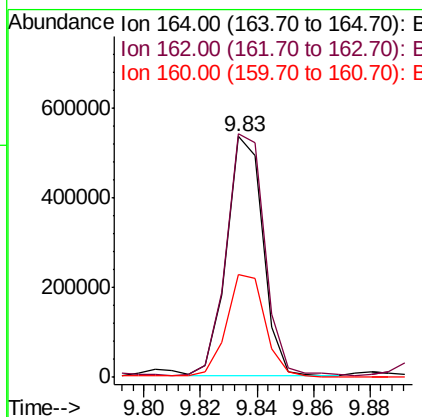
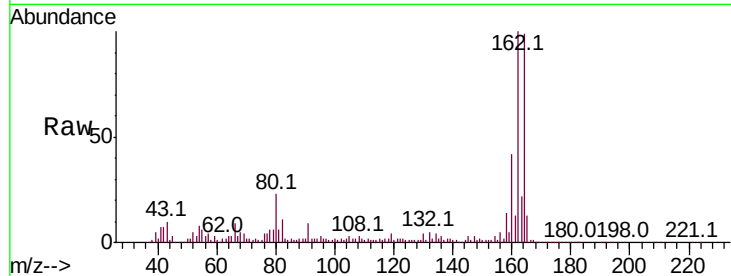
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	43.0	35.7	53.5

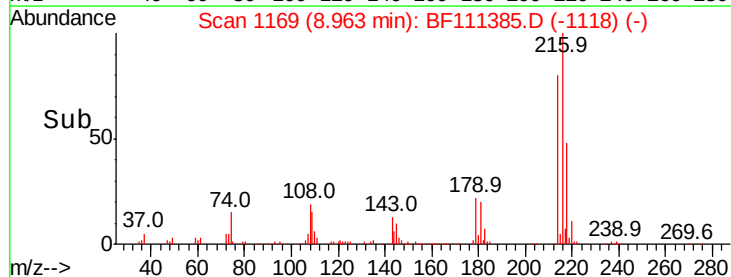
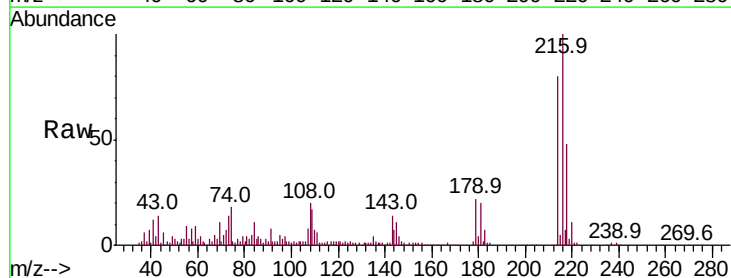
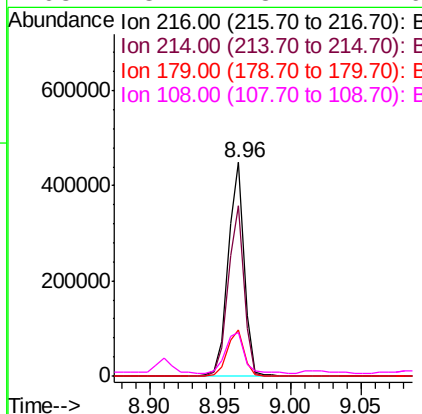
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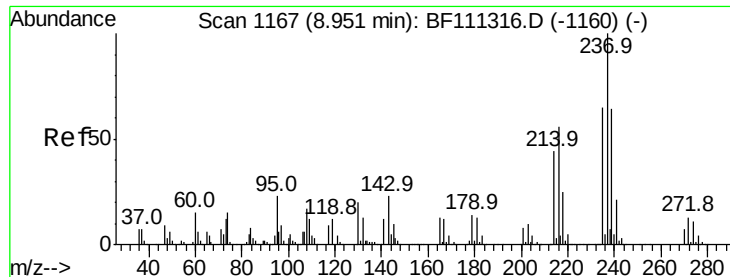
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.442 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	22.7	17.9	26.9
108	23.7	18.4	27.6





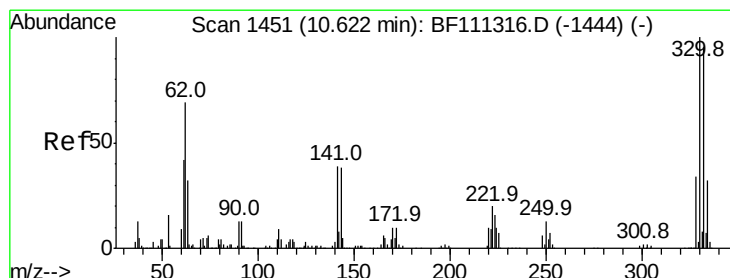
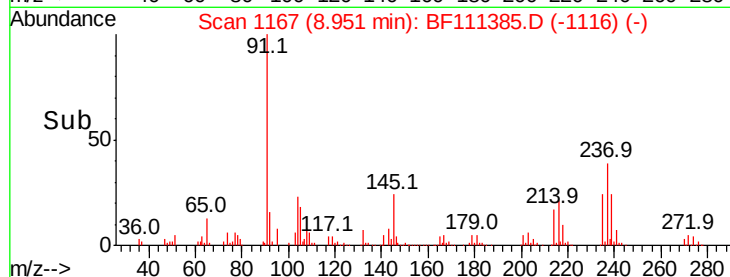
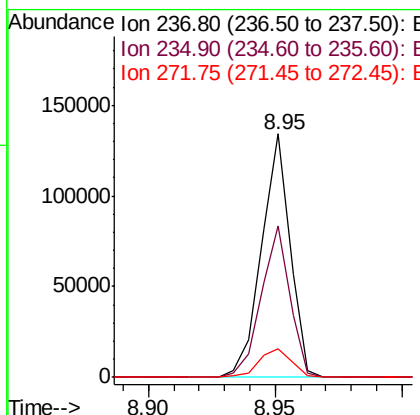
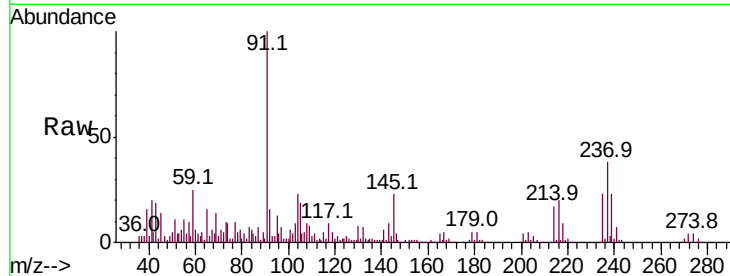
#41
Hexachlorocyclopentadiene
Concen: 15.333 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.3	43.1	83.1	
272	11.7	0.0	33.0	

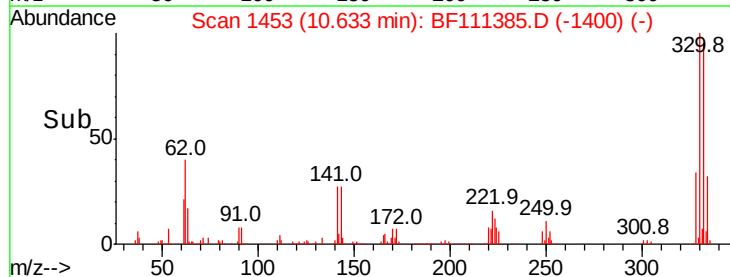
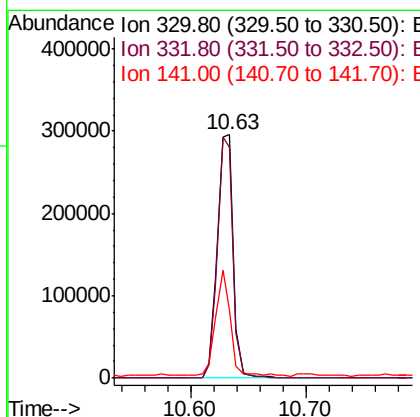
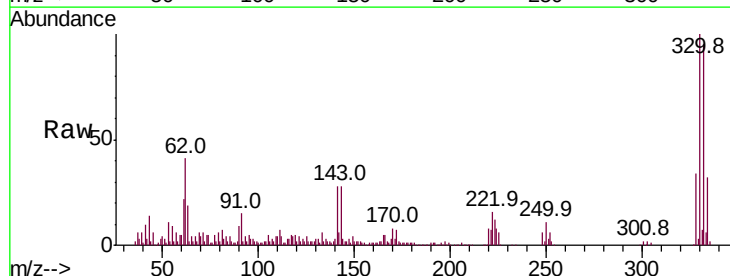
Manual Integrations
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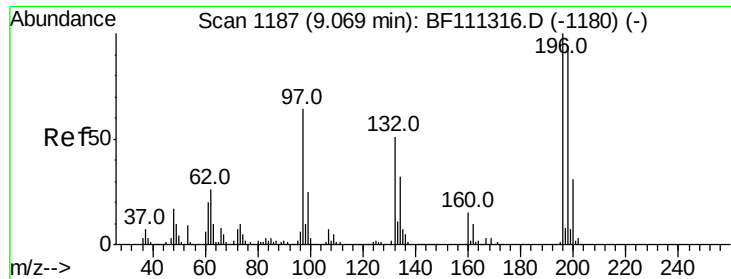
Sohil
12/14/2018 12:53:38 PM



#42
2,4,6-Tribromophenol
Concen: 68.205 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.0	114.0	
141	39.5	31.0	46.6	





#43

2,4,6-Trichlorophenol

Concen: 24.463 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

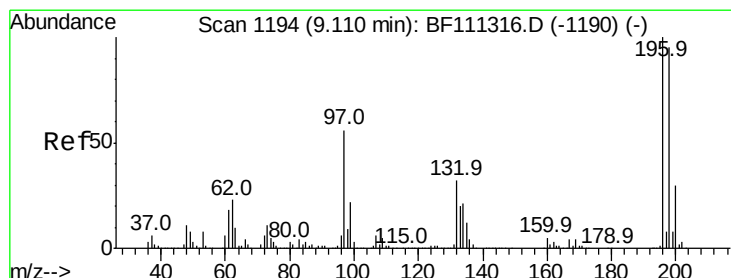
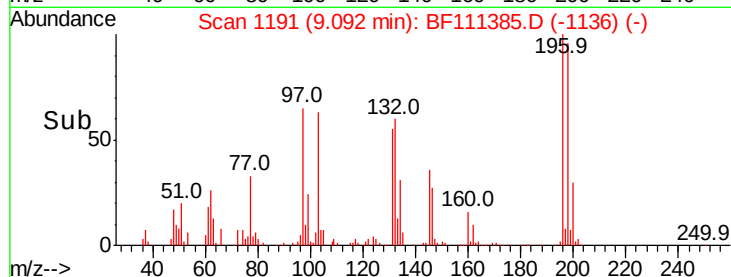
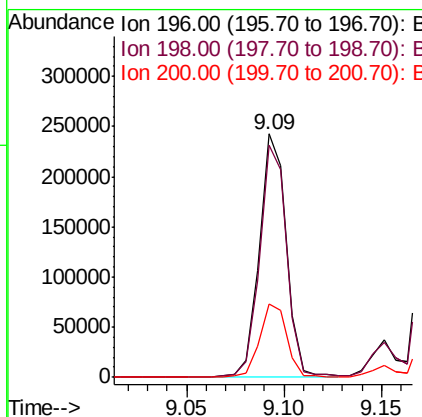
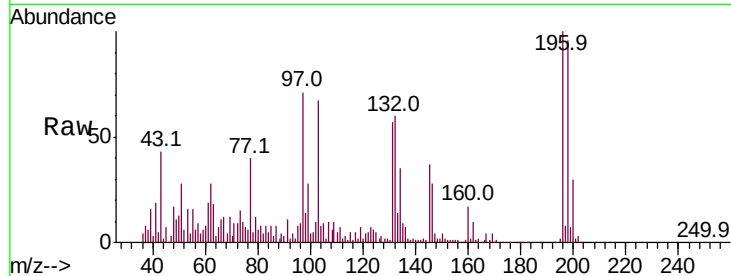
ClientSampleId :

P001-SW004-01MS

Tot Ion:196	Resp:	232651
Ion Ratio	Lower	Upper
196	100	
198	95.5	76.3 114.5
200	30.3	24.9 37.3

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#44

2,4,5-Trichlorophenol

Concen: 22.027 ng

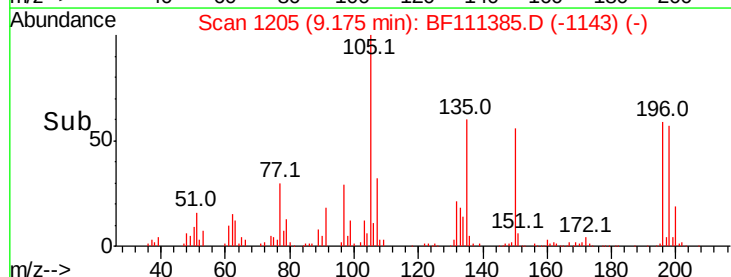
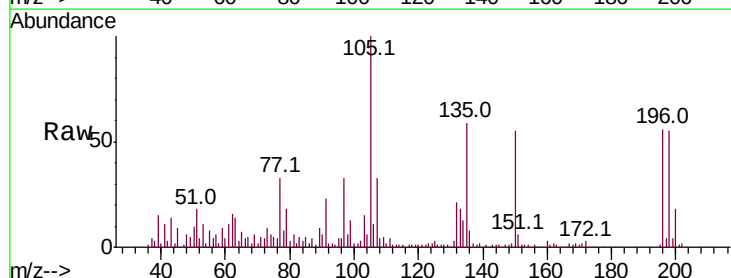
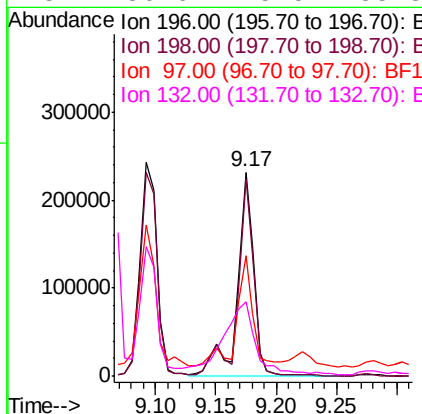
RT: 9.17 min Scan# 1205

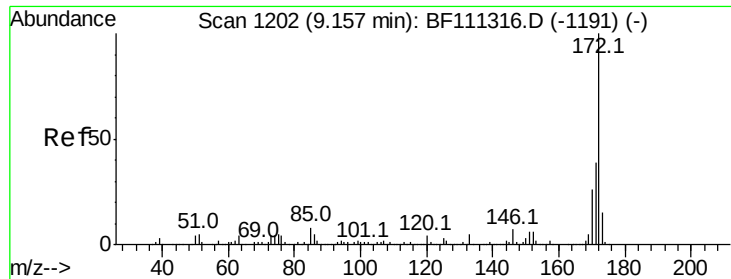
Delta R.T. 0.06 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:196	Resp:	221391
Ion Ratio	Lower	Upper
196	100	
198	97.0	72.9 109.3
97	58.8	45.3 67.9
132	36.6	25.5 38.3





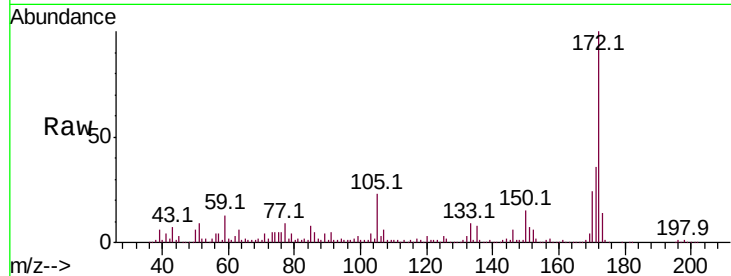
#45
2-Fluorobiphenyl
Concen: 58.543 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

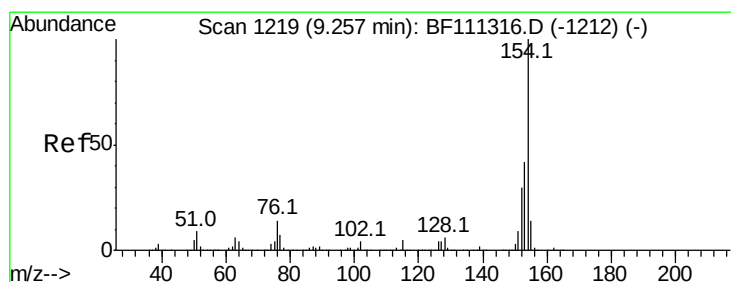
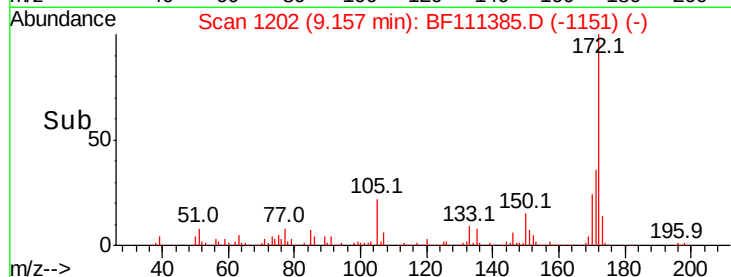
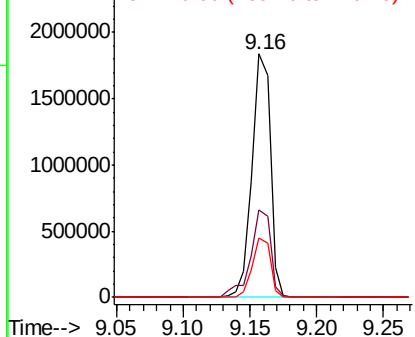
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	24.3	22.3	33.5

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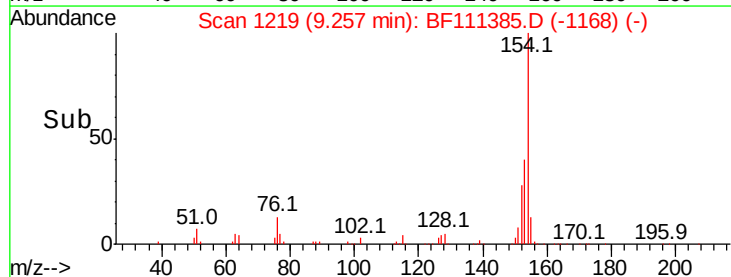
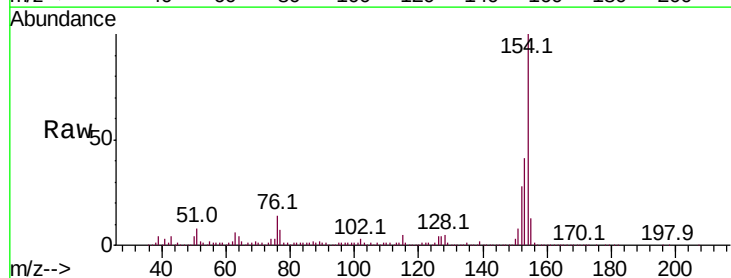
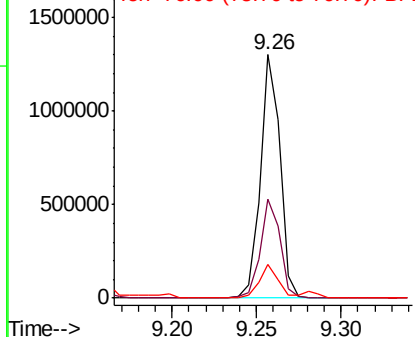
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

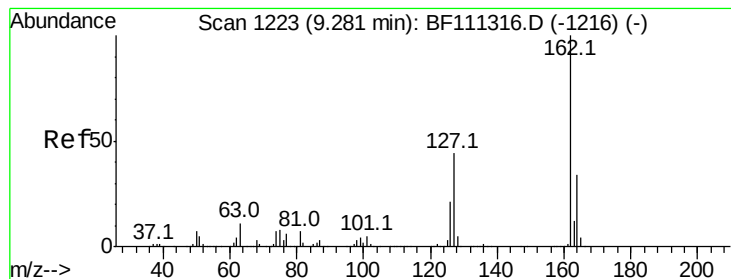


#46
1,1'-Biphenyl
Concen: 26.077 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	23.7	63.7
76	13.7	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





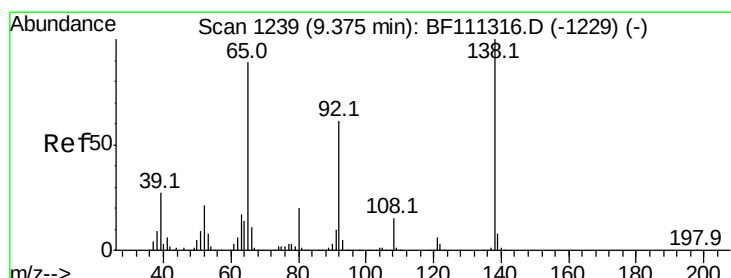
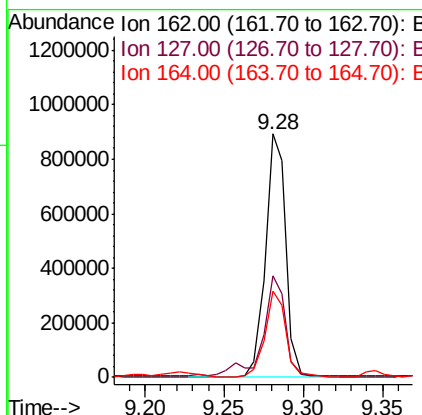
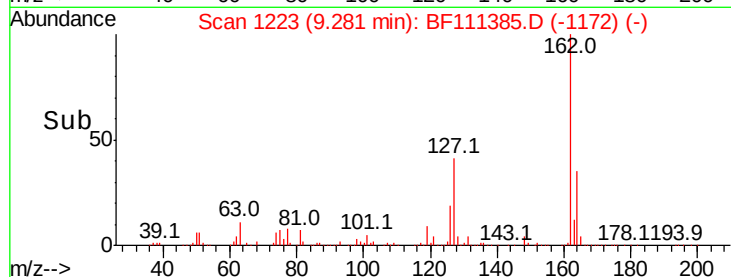
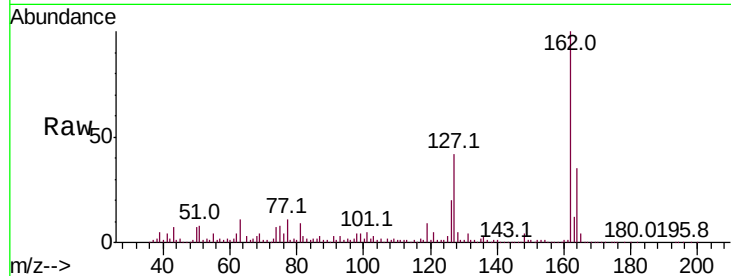
#47
 2-Chloronaphthalene
 Concen: 26.024 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tot Ion:	162	Resp:	803840
Ion Ratio	Lower	Upper	
162	100		
127	41.6	35.0	52.4
164	35.3	28.4	42.6

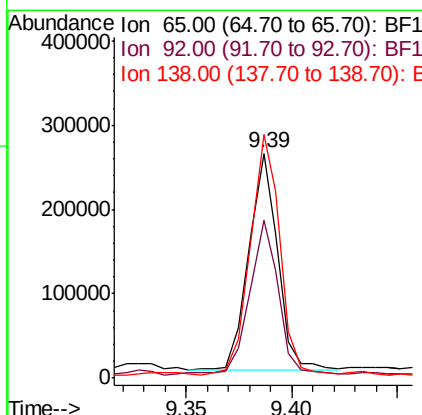
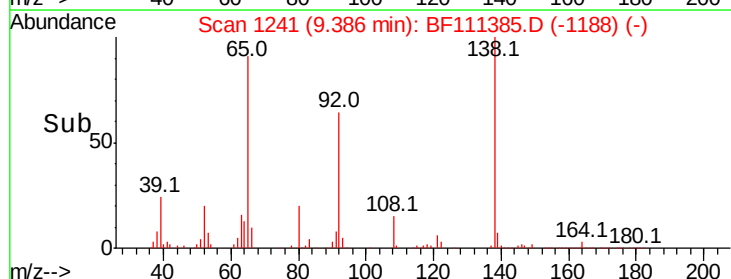
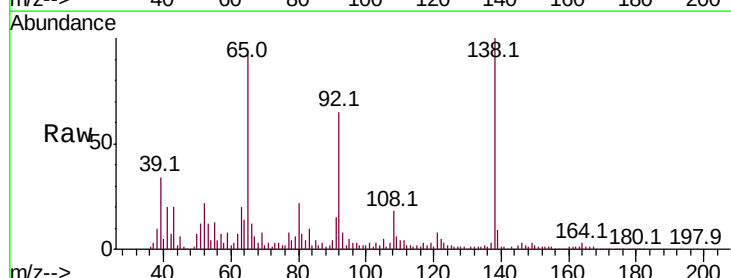
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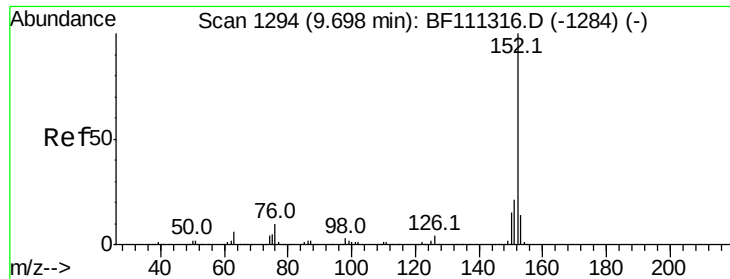
Sohil
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#48
 2-Nitroaniline
 Concen: 24.169 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion:	65	Resp:	242585
Ion Ratio	Lower	Upper	
65	100		
92	70.0	53.5	80.3
138	108.2	80.9	121.3





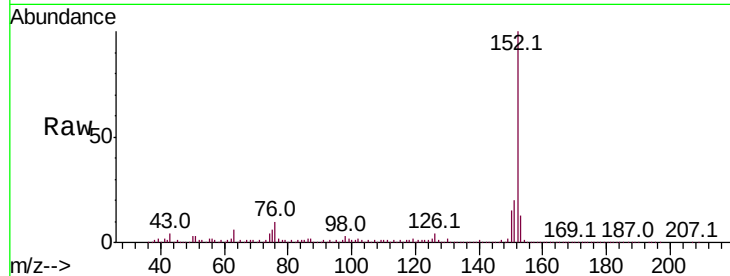
#49
Acenaphthylene
Concen: 26.814 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	18.0	27.0
153	13.5	12.3	18.5

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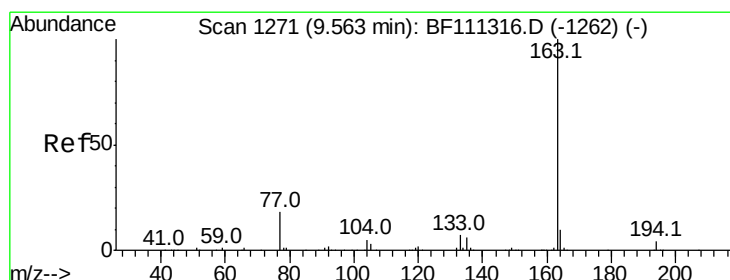
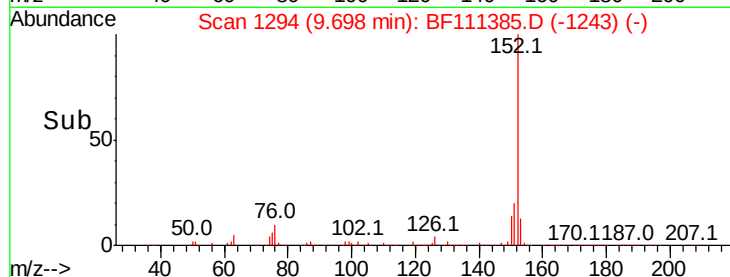
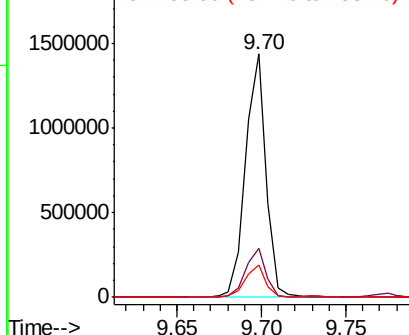


Abundance

Ion 152.00 (151.70 to 152.70): E

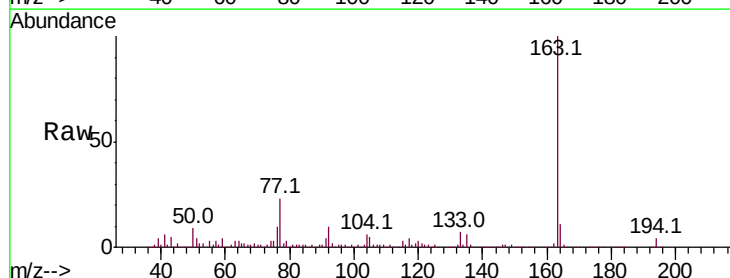
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 30.777 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	11.2	8.9	13.3

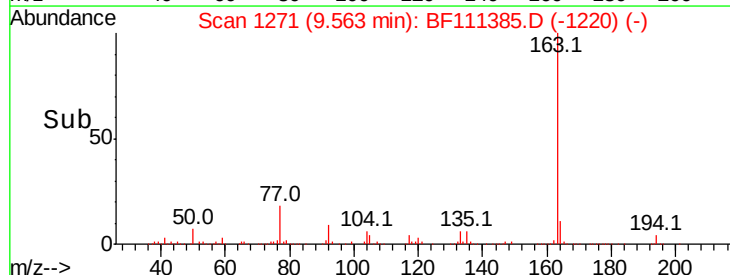
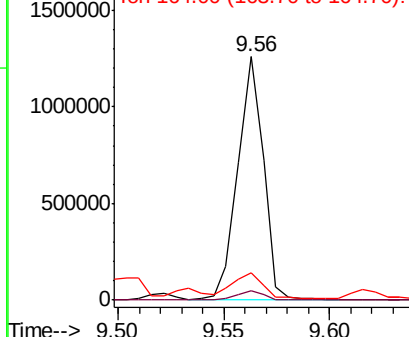


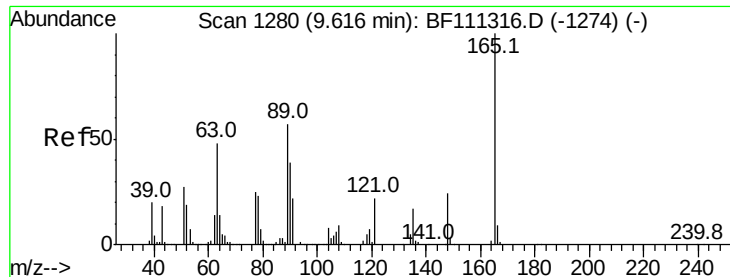
Abundance

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





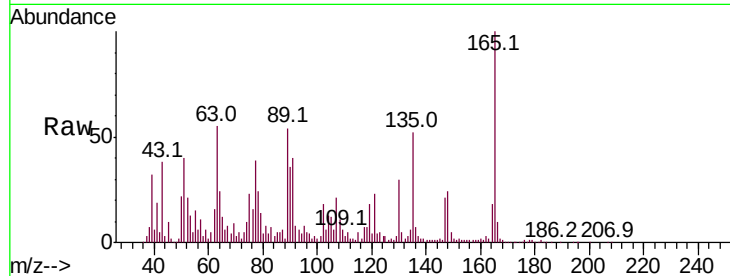
#51
2,6-Dinitrotoluene
Concen: 23.748 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	178943		
63	55.4	40.5	60.7	
89	53.5	40.0	60.0	

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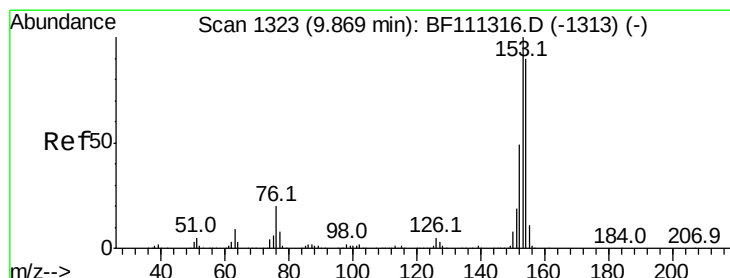
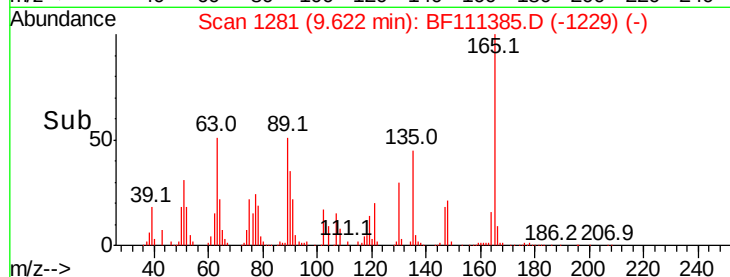
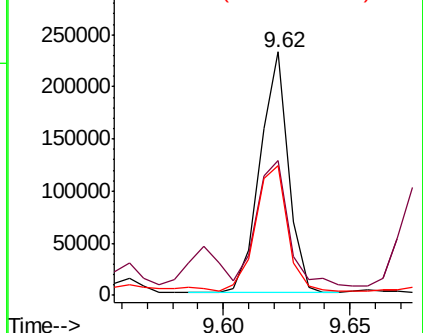


Abundance

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



#52
Acenaphthene
Concen: 23.971 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

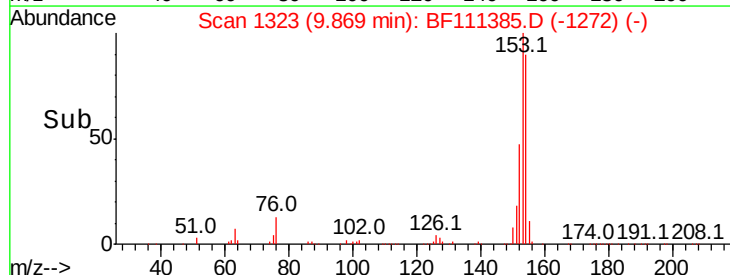
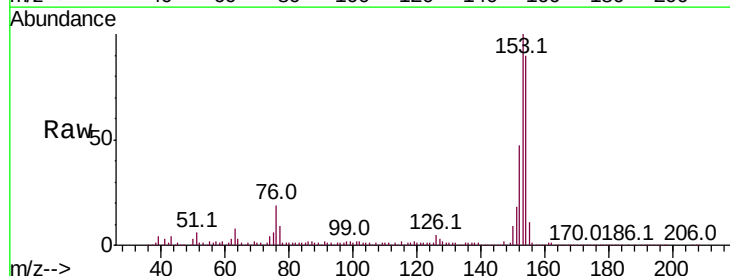
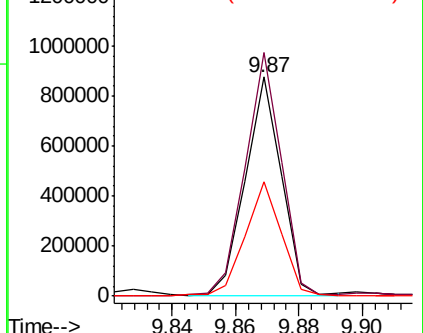
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	682283		
153	111.2	87.8	131.8	
152	52.4	43.4	65.2	

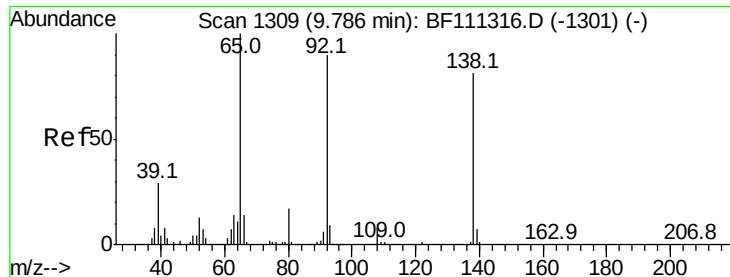
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





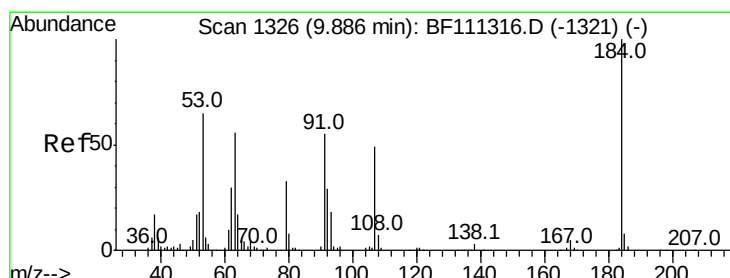
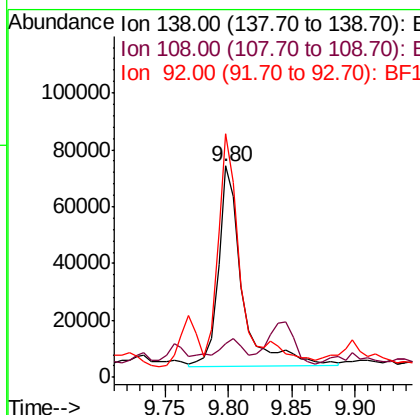
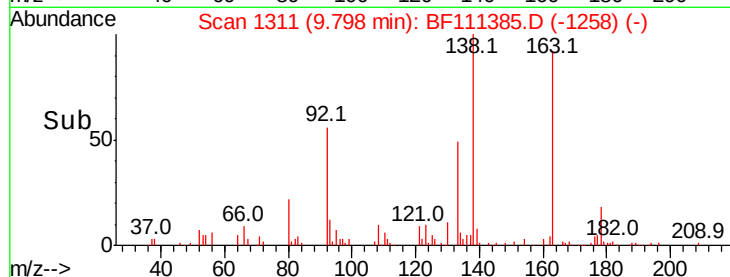
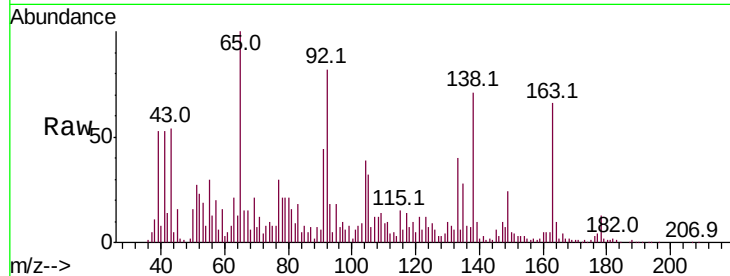
#53
3-Nitroaniline
Concen: 10.150 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion:138 Resp: 91923
Ion Ratio Lower Upper
138 100
108 16.2 8.2 12.4#
92 115.4 93.4 140.2

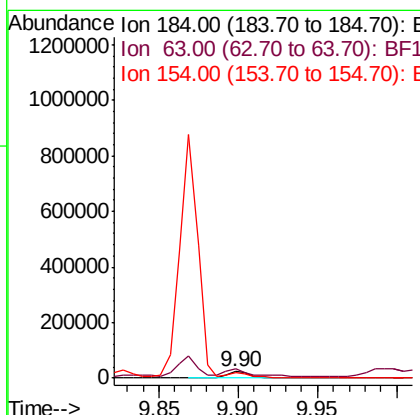
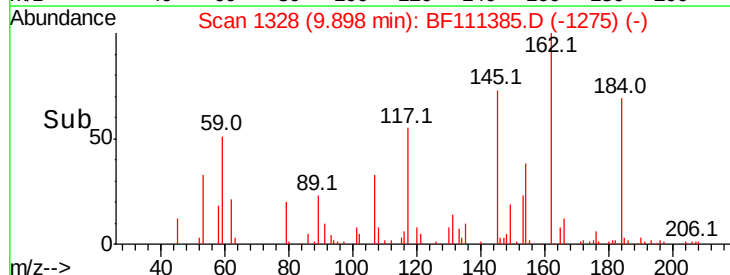
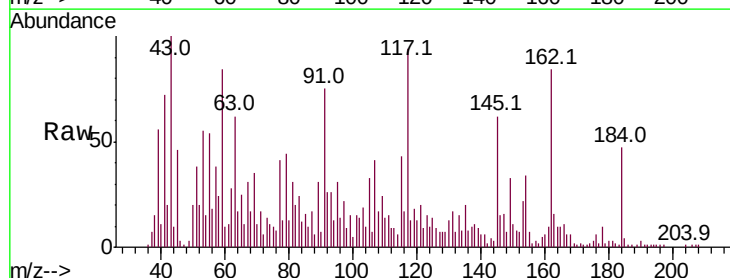
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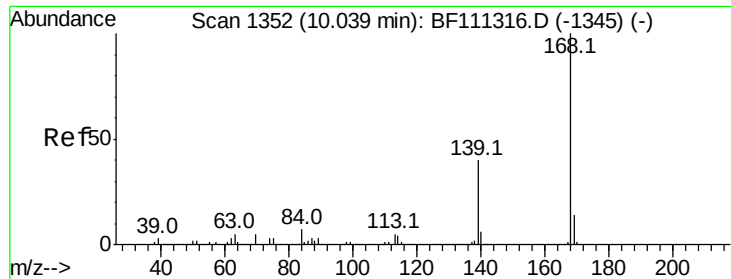
Sohil
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#54
2,4-Dinitrophenol
Concen: 7.990 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion:184 Resp: 23620
Ion Ratio Lower Upper
184 100
63 131.5 62.3 93.5#
154 72.8 56.2 84.2





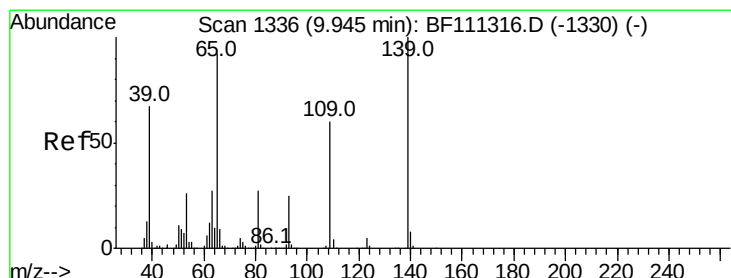
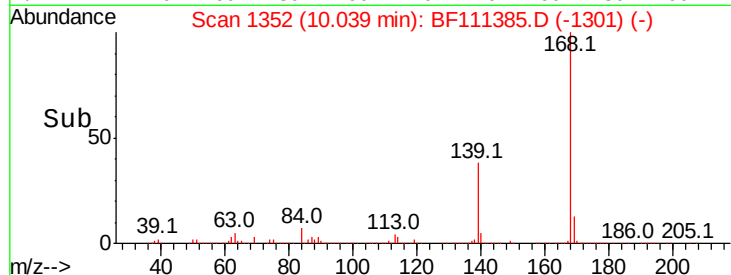
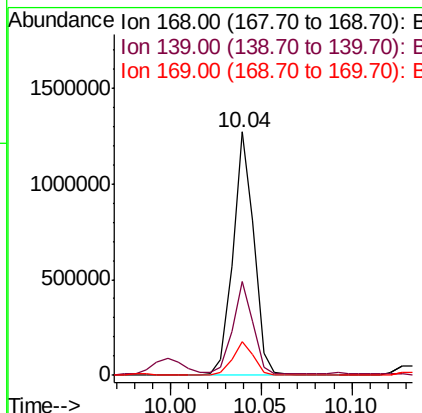
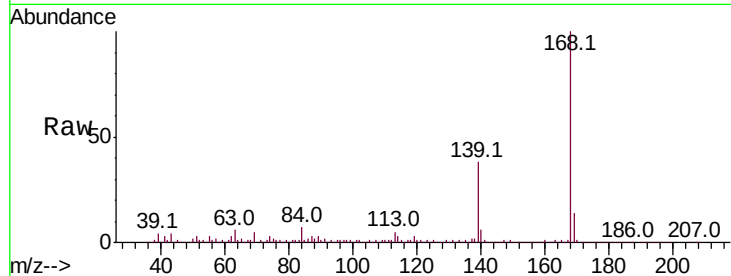
#55
Dibenzenofuran
Concen: 24.673 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.6	49.0
169	13.6	11.8	17.6

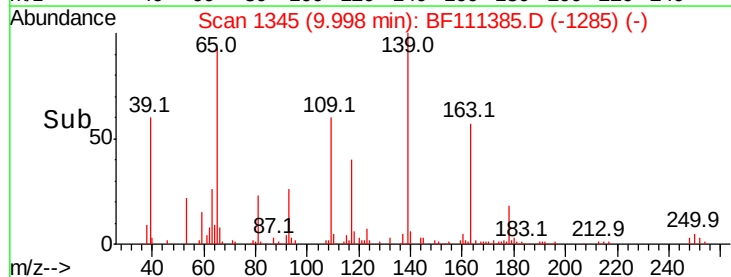
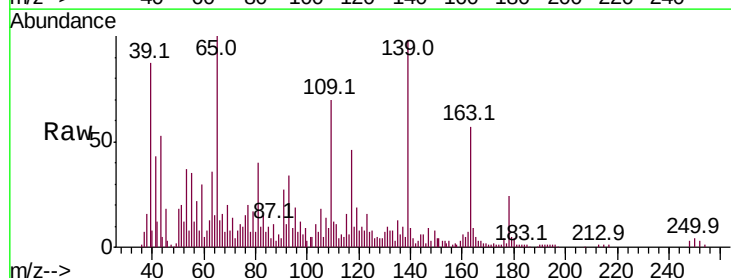
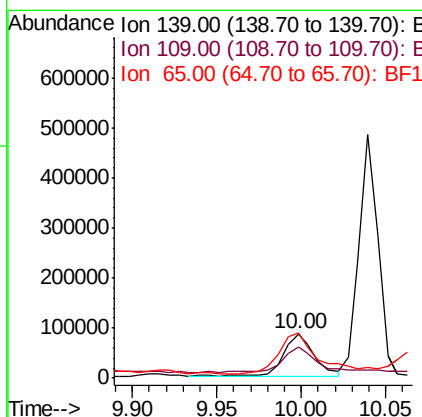
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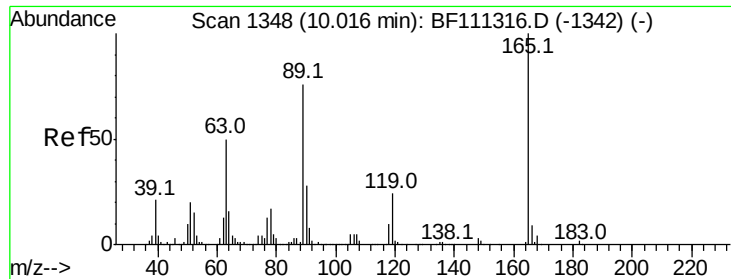
Sohil
12/14/2018 12:53:38 PM



#56
4-Nitrophenol
Concen: 16.561 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.05 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	41.8	81.8
65	101.6	79.6	119.6





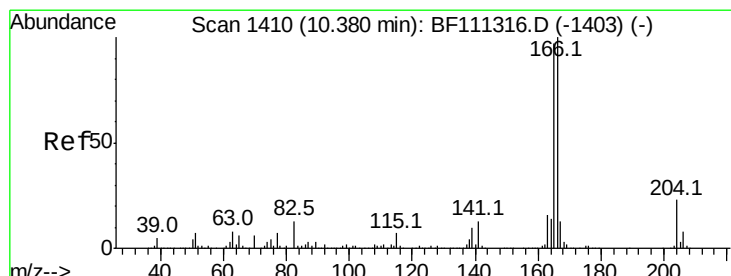
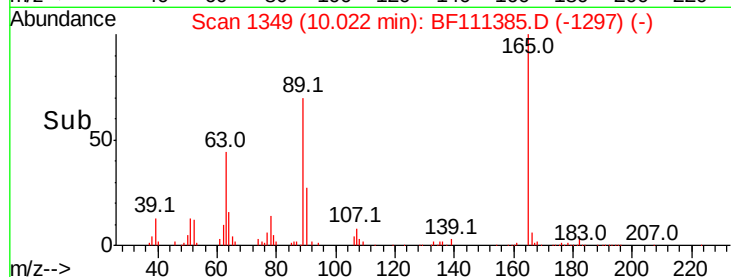
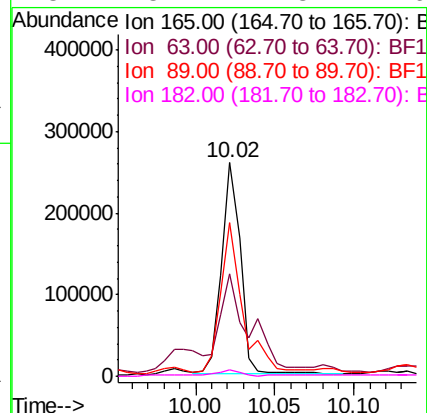
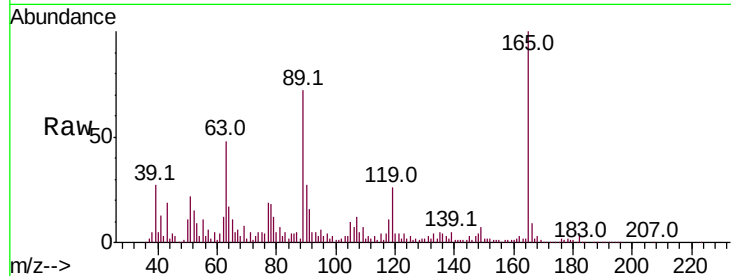
#57
2,4-Dinitrotoluene
Concen: 22.284 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	215197		
63	47.7	34.6	52.0	
89	72.2	56.2	84.4	
182	3.1	1.8	2.6	

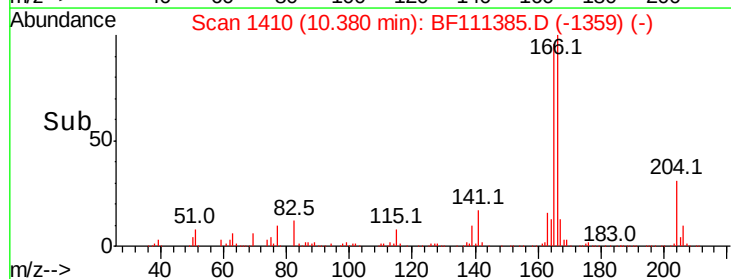
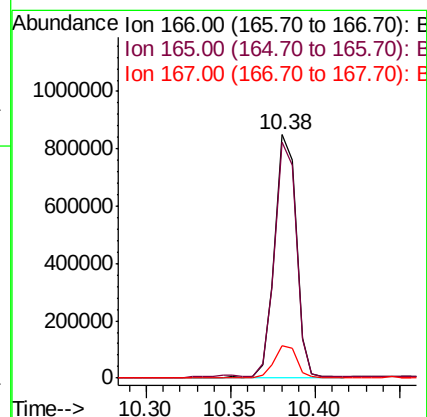
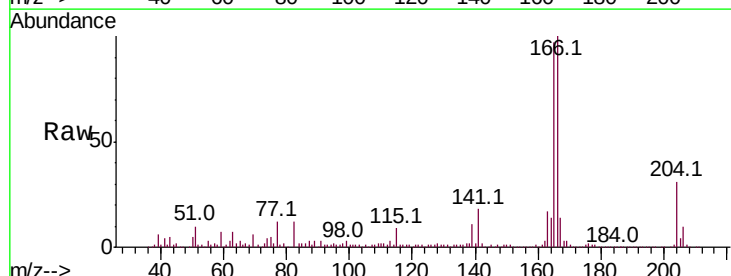
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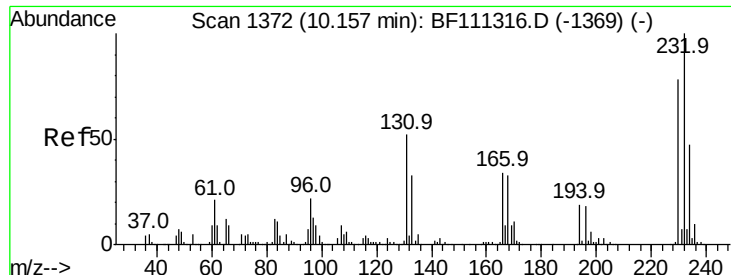
Sohil
12/14/2018 12:53:38 PM



#58
Fluorene
Concen: 25.571 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	751641		
165	96.7	78.4	117.6	
167	13.5	11.2	16.8	





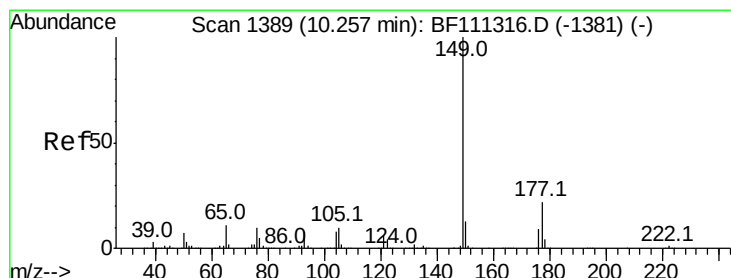
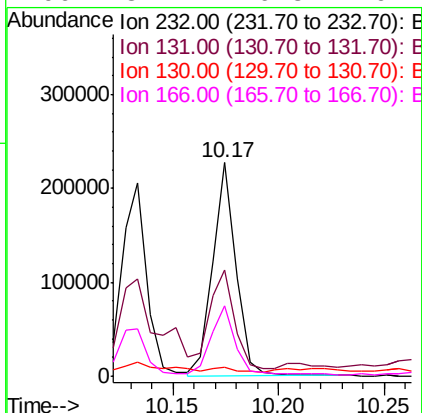
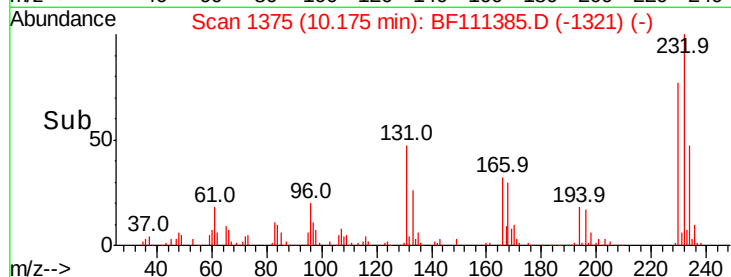
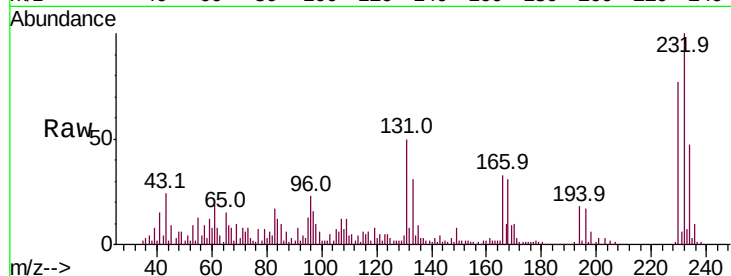
#59
2,3,4,6-Tetrachlorophenol
Concen: 22.369 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	48.6	40.9	61.3
130	1.9	2.0	3.0
166	32.2	26.8	40.2

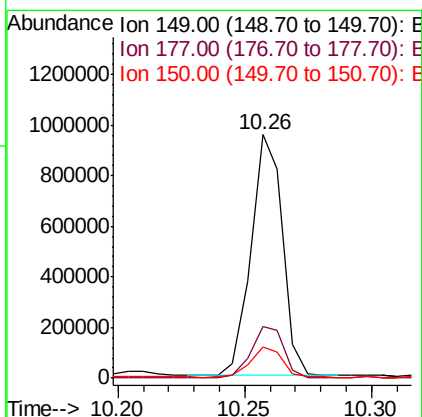
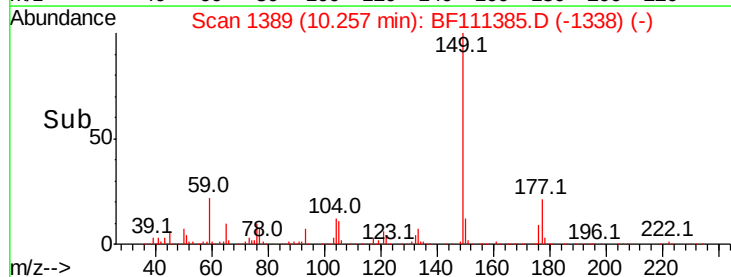
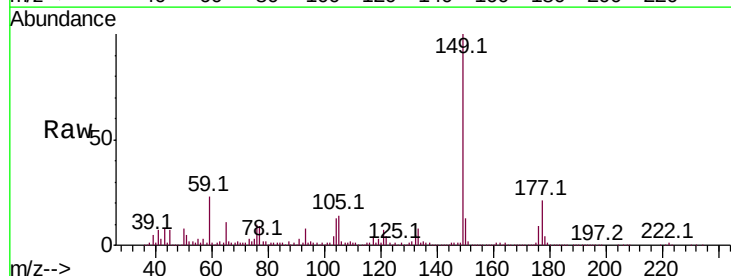
Manual Integrations
APPROVED

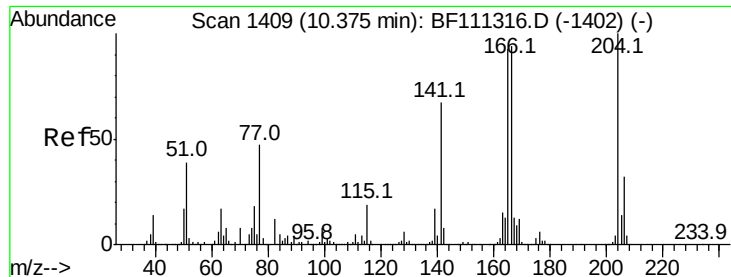
Sohil
12/14/2018 12:53:38 PM



#60
Diethylphthalate
Concen: 23.890 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.1	18.3	27.5
150	12.7	10.6	15.8





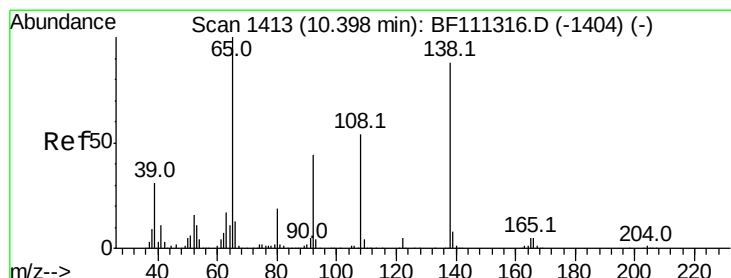
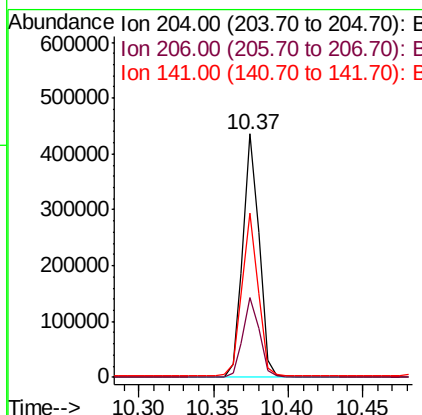
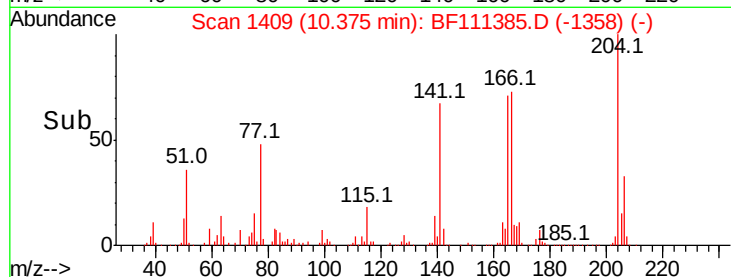
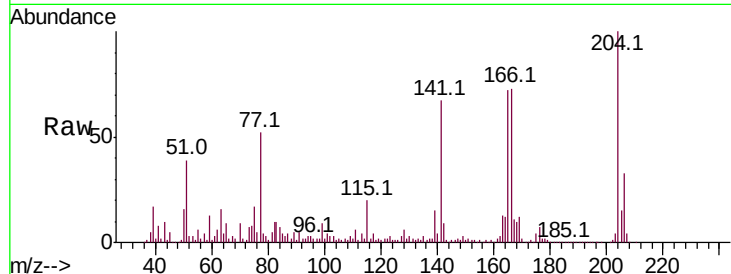
#61
4-Chlorophenyl-phenylether
Concen: 23.000 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	67.4	52.6	78.8

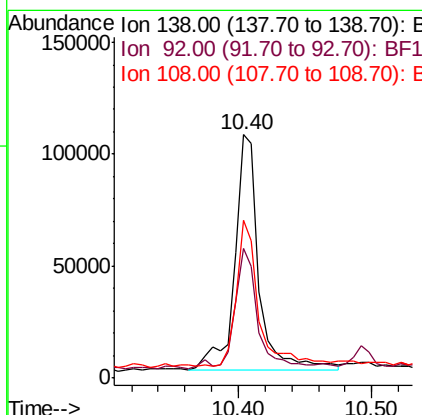
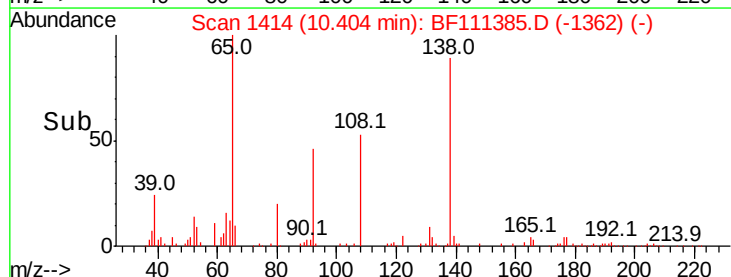
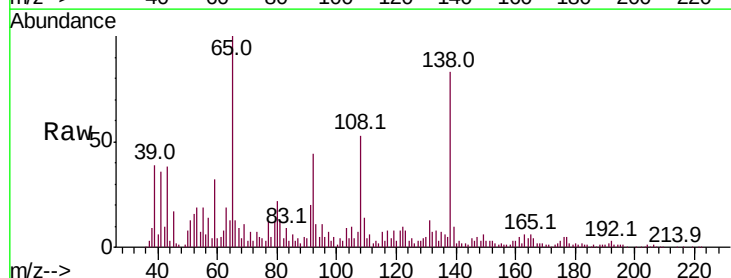
Manual Integrations
APPROVED

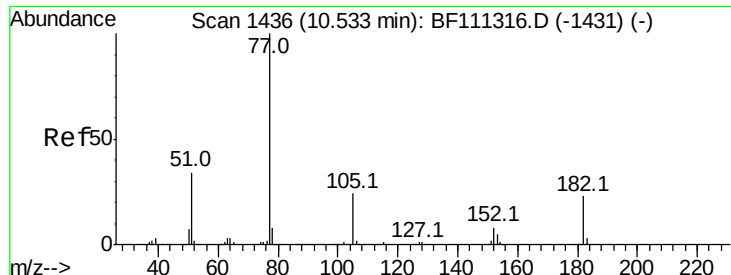
Sohil
12/14/2018 12:53:38 PM



#62
4-Nitroaniline
Concen: 15.363 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	29.9	69.9
108	64.7	43.2	83.2





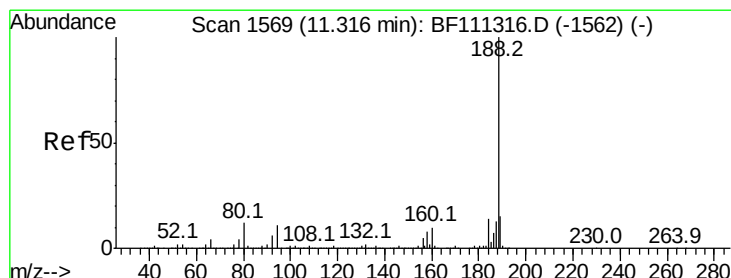
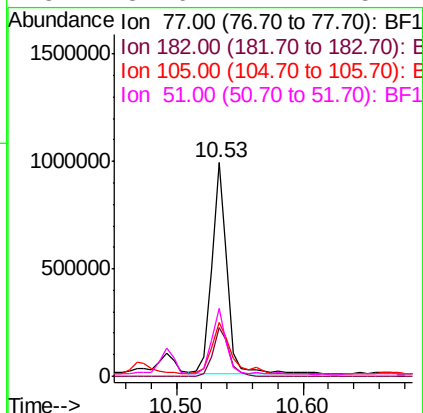
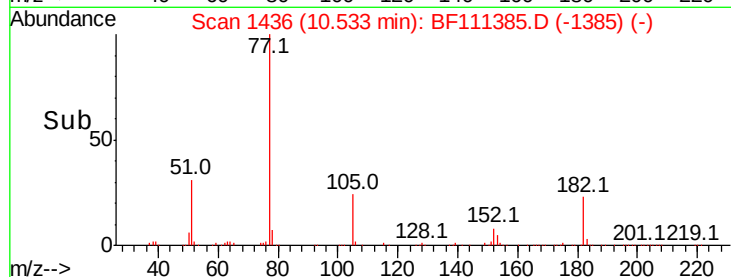
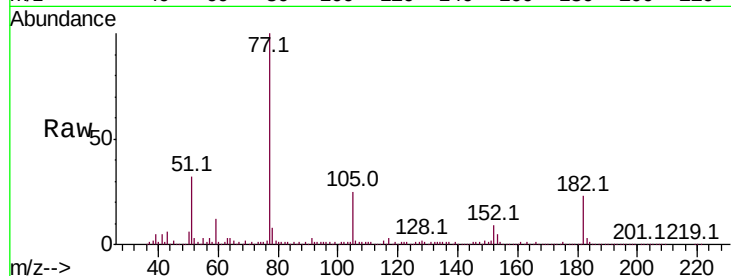
#63
Azobenzene
Concen: 23.801 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.6	4.9	44.9
105	24.9	6.0	46.0
51	31.6	14.7	54.7

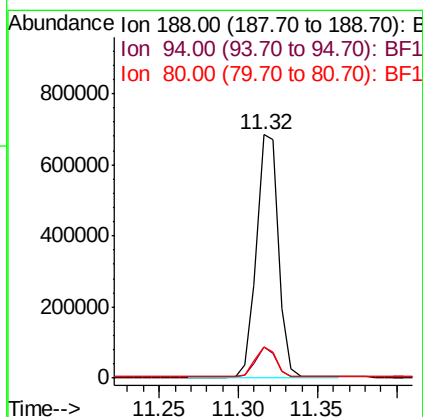
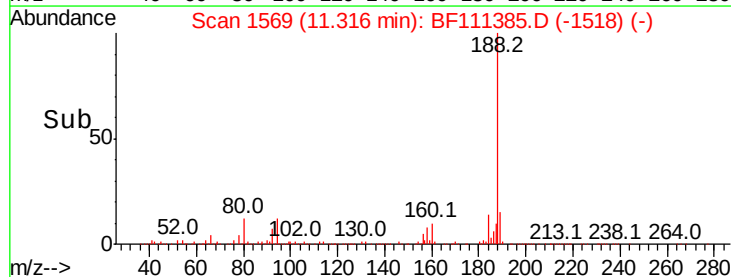
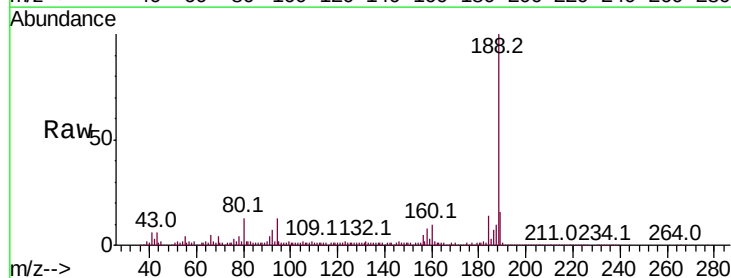
Manual Integrations
APPROVED

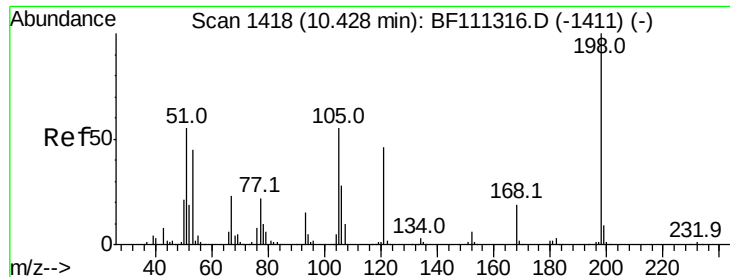
Sohil
12/14/2018 12:53:38 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.6	14.4
80	12.9	9.8	14.6





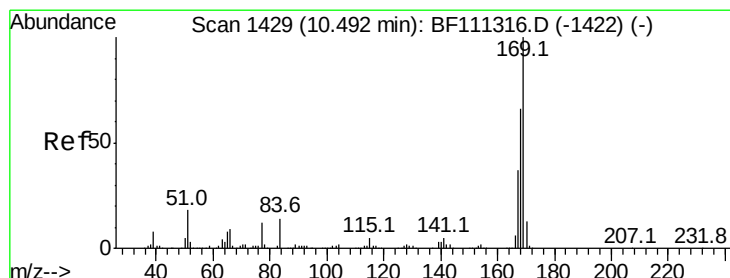
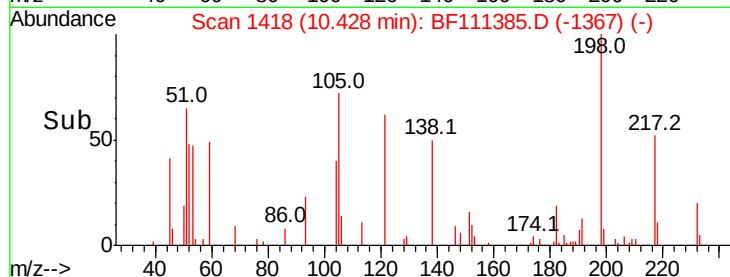
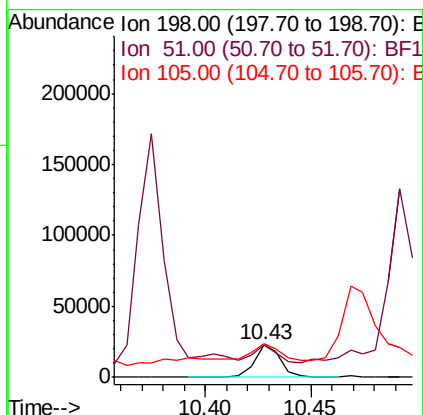
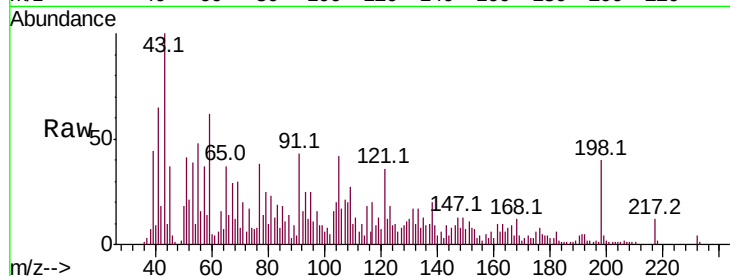
#65
4,6-Dinitro-2-methylphenol
Concen: 5.461 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	20795		
51	100.7	48.0	88.0#	
105	104.4	34.0	74.0#	

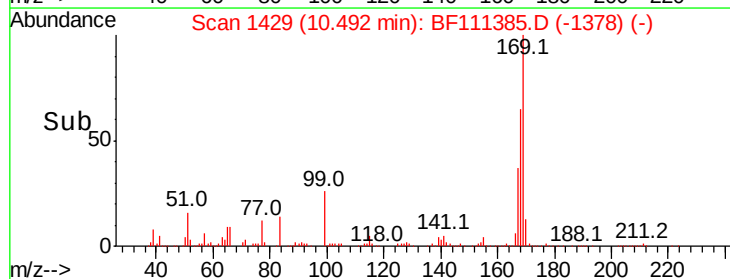
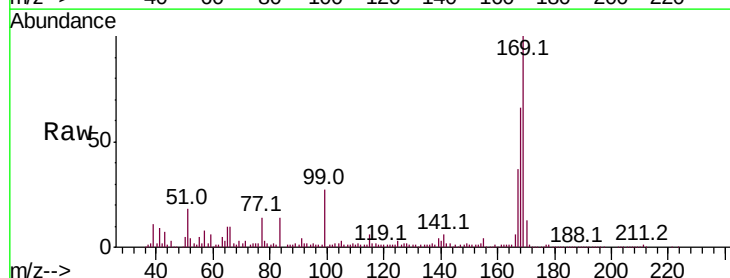
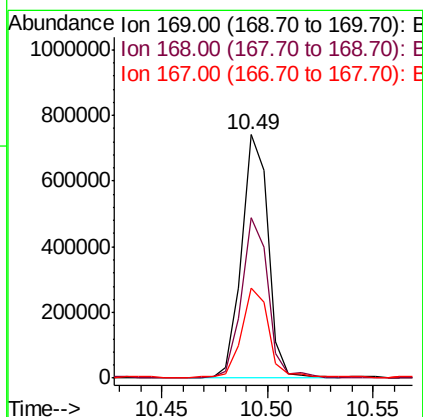
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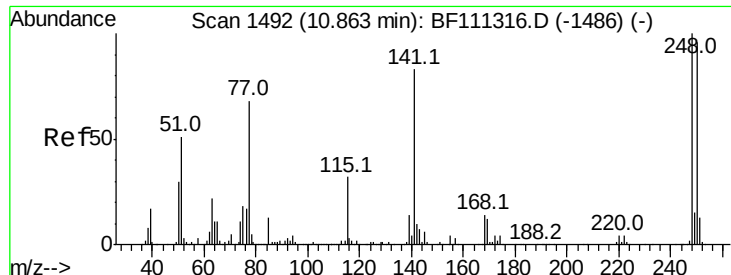
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 27.102 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	639491		
168	65.6	54.4	81.6	
167	37.0	30.5	45.7	





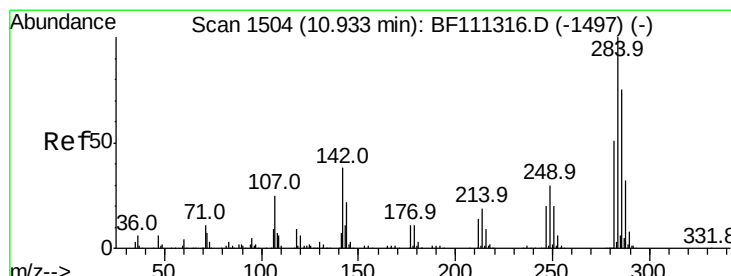
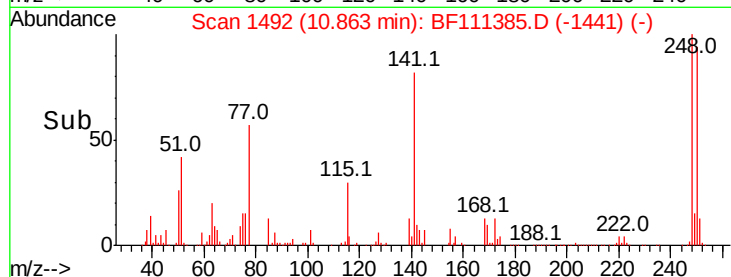
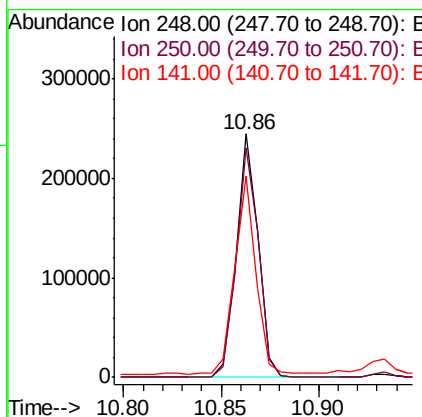
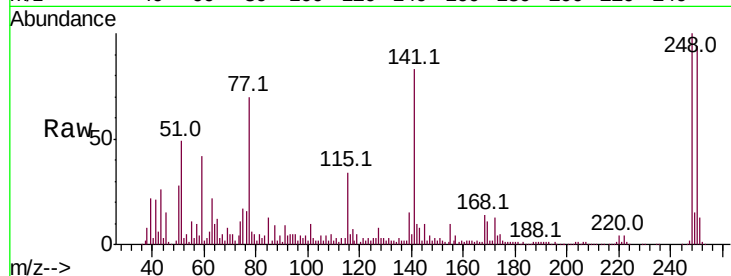
#67
4-Bromophenyl-phenylether
Concen: 25.429 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.0	115.4
141	82.9	63.0	94.6

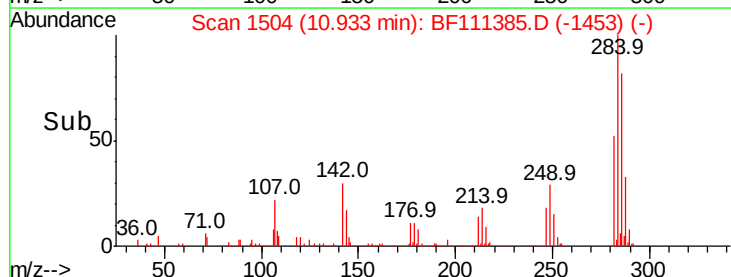
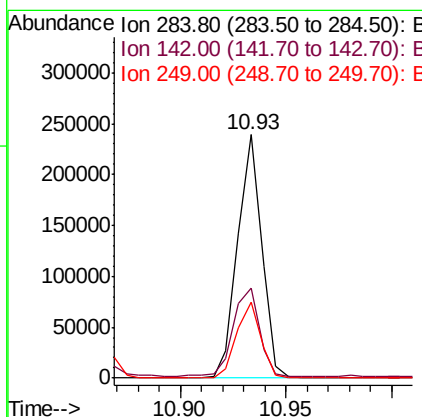
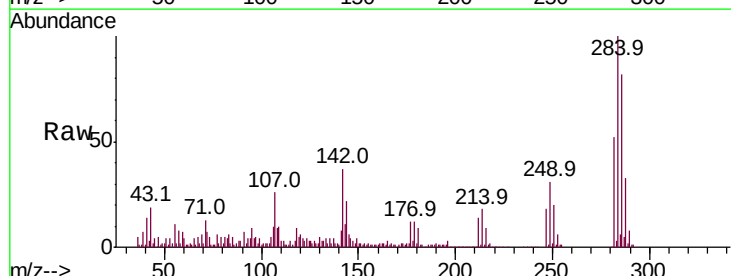
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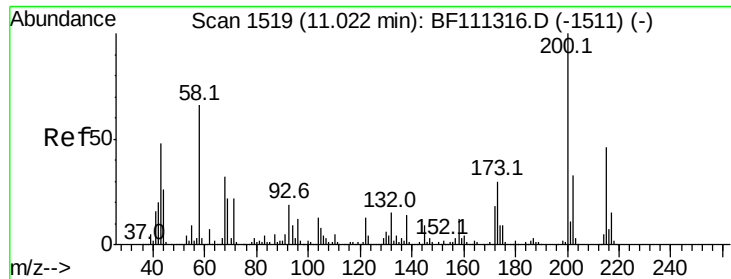
Sohil
12/14/2018 12:53:38 PM



#68
Hexachlorobenzene
Concen: 24.826 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	27.4	41.2
249	30.9	24.4	36.6





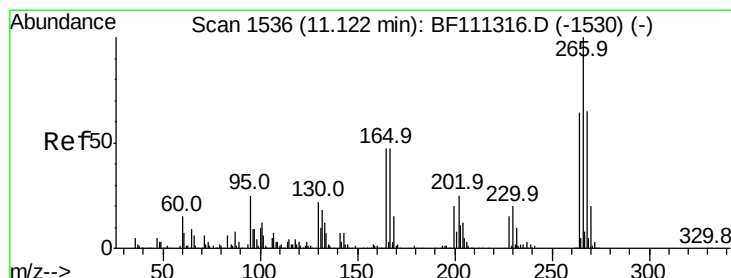
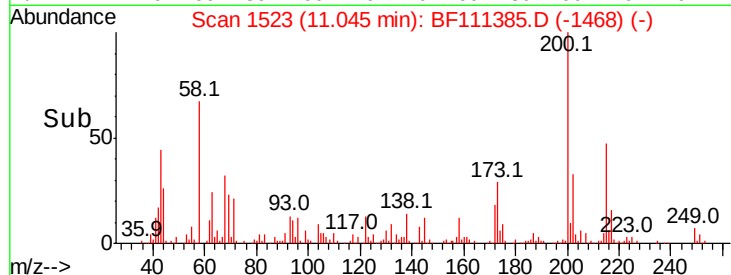
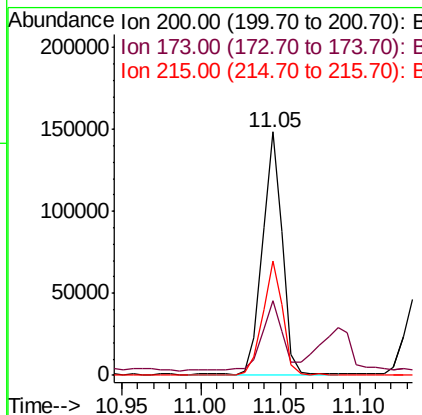
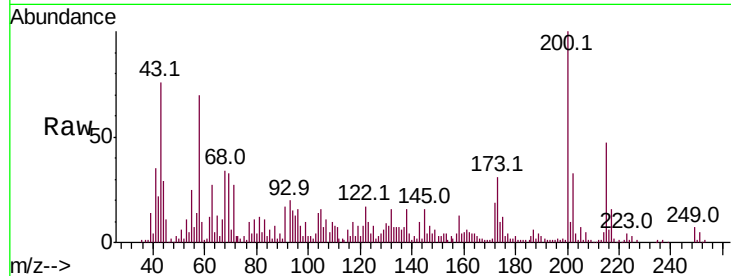
#69
Atrazine
 Concen: 18.856 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.02 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tot Ion:	200	Resp:	128683
Ion Ratio	Lower	Upper	
200	100		
173	30.7	10.1	50.1
215	46.8	26.9	66.9

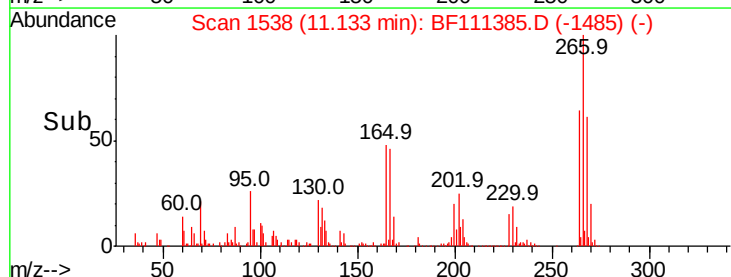
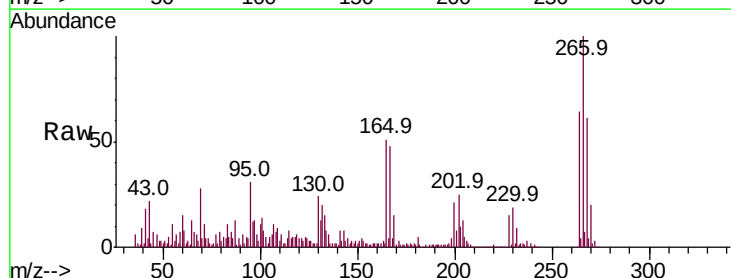
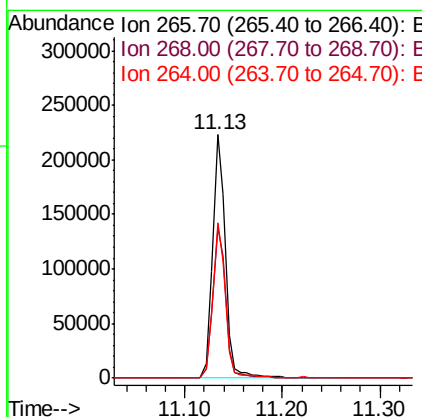
Manual Integrations
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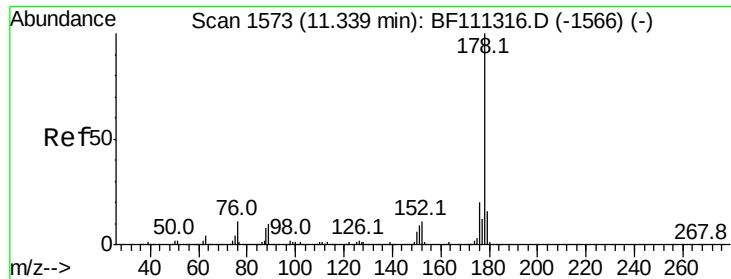
Sohil
 12/14/2018 12:53:38 PM



#70
Pentachlorophenol
 Concen: 40.485 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion:	266	Resp:	204855
Ion Ratio	Lower	Upper	
266	100		
268	61.5	47.9	71.9
264	63.6	49.1	73.7





#71

Phenanthrene

Concen: 26.563 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

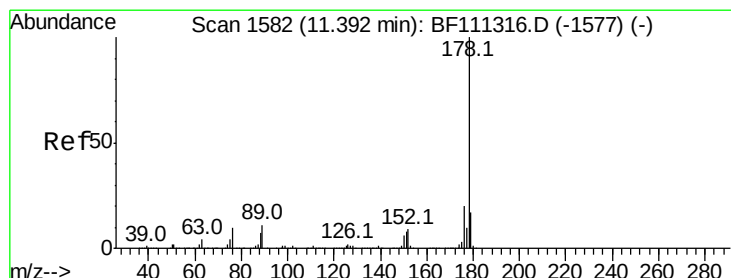
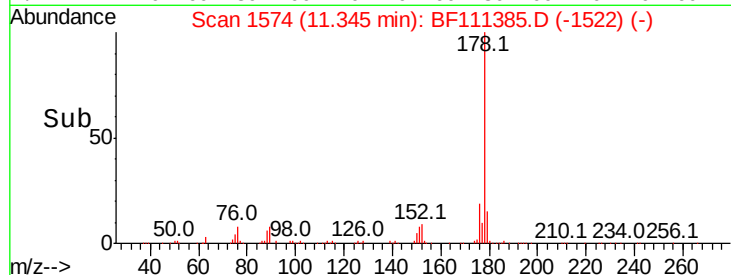
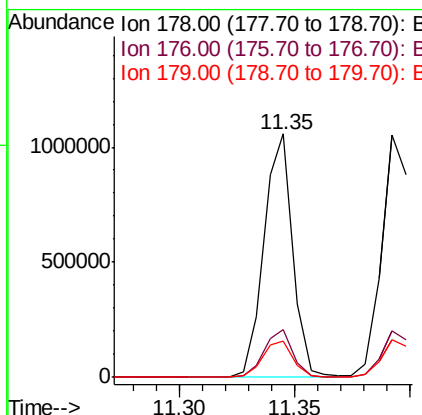
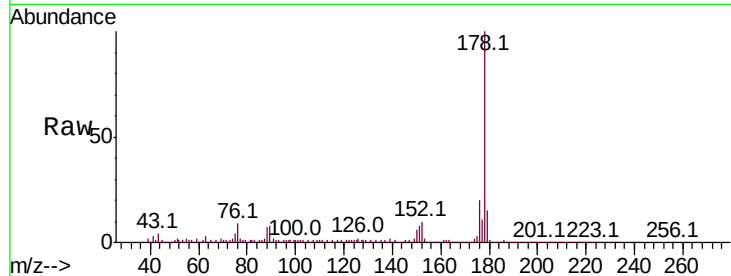
ClientSampleId :

P001-SW004-01MS

Tot Ion:	178	Resp:	910708
Ion Ratio	Lower	Upper	
178	100		
176	19.5	18.1	27.1
179	14.8	14.0	21.0

Manual Integrations
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Sohil
12/14/2018 12:53:38 PM



#72

Anthracene

Concen: 26.361 ng

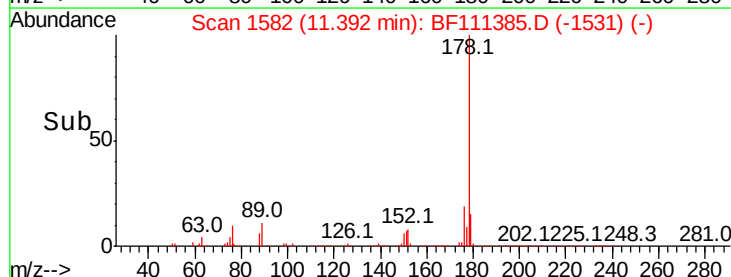
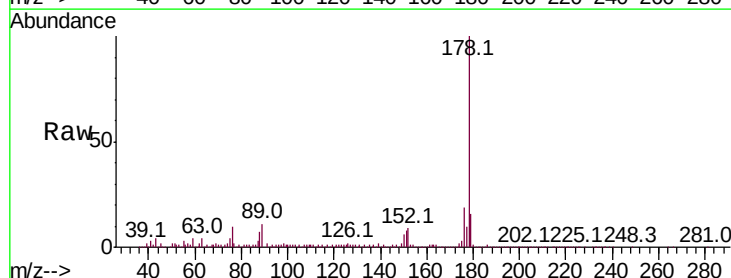
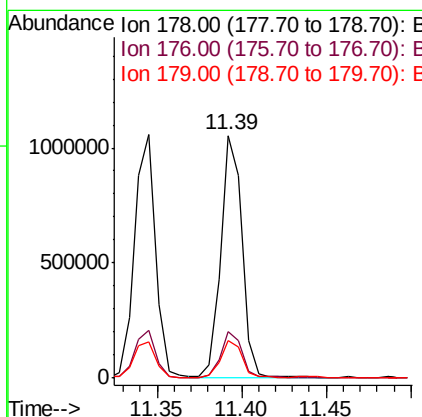
RT: 11.39 min Scan# 1582

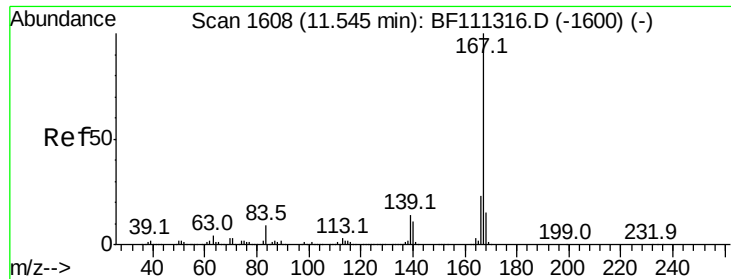
Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:	178	Resp:	920286
Ion Ratio	Lower	Upper	
178	100		
176	19.0	17.2	25.8
179	15.5	13.8	20.8





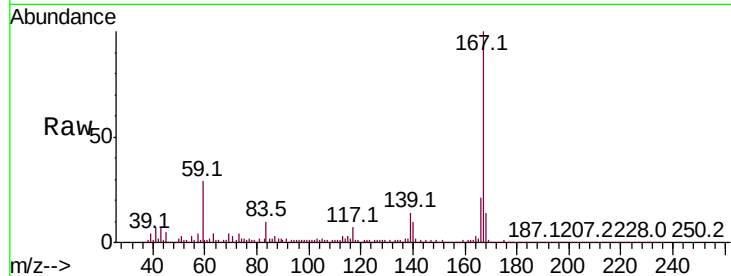
#73
 Carbazole
 Concen: 22.883 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.4	19.3	28.9	
139	13.6	11.9	17.9	

Manual Integrations
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 12/14/2018 12:53:38 PM

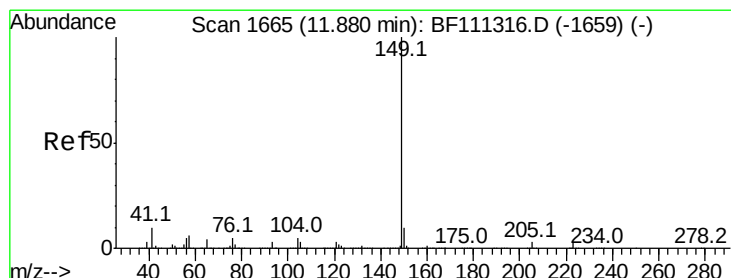
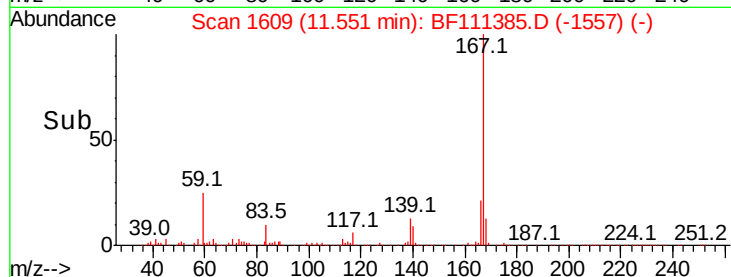
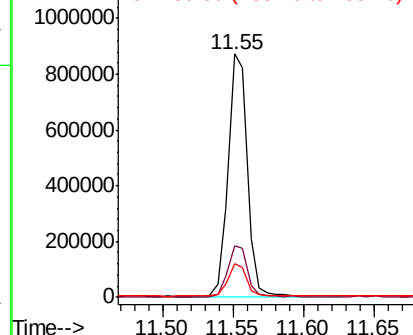


Abundance

Ion 167.00 (166.70 to 167.70): E

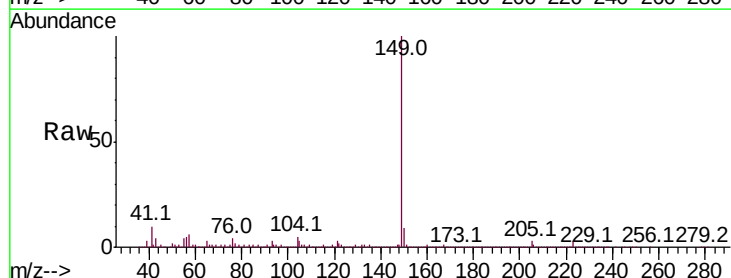
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 26.242 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF111385.D
 Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	8.8	13.2	
104	4.6	4.5	6.7	

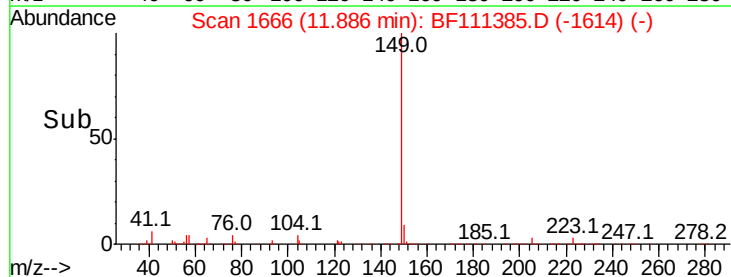
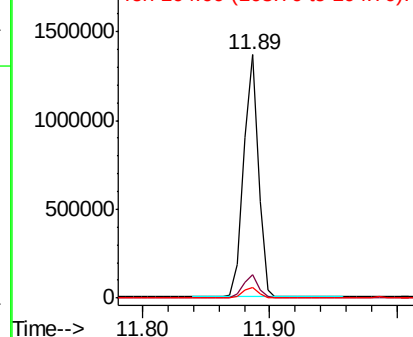


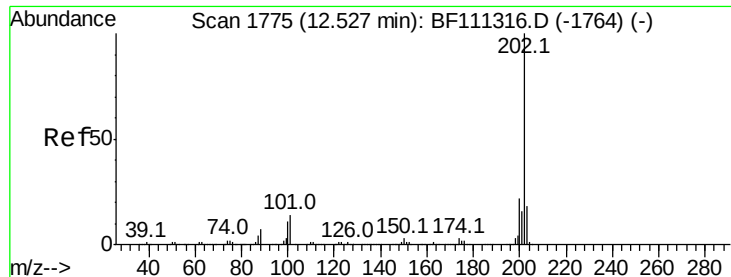
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 25.006 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

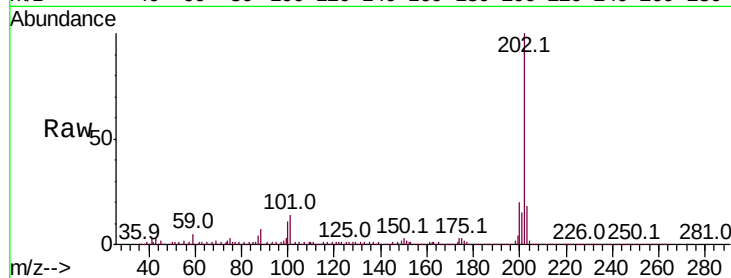
ClientSampleId :

P001-SW004-01MS

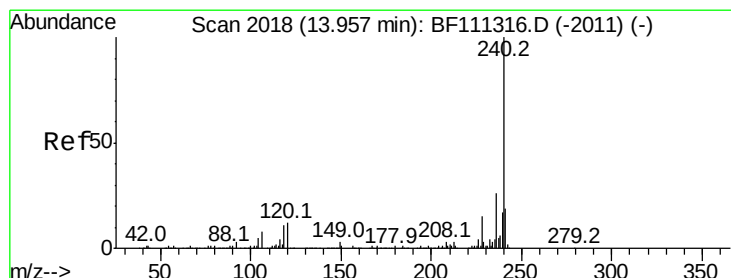
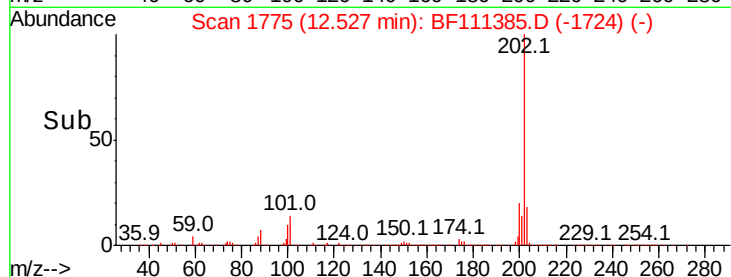
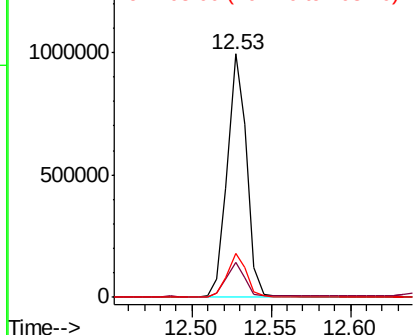
Tot Ion:	202	Resp:	836962
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	33.8
203	17.8	0.0	38.6

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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

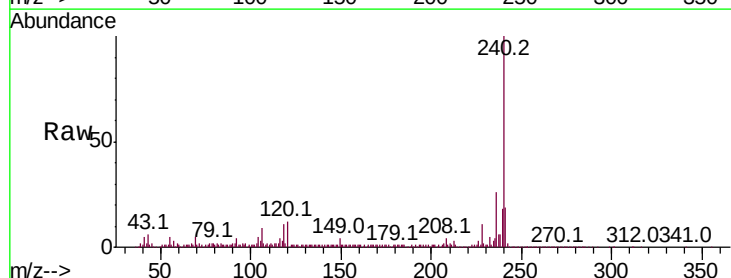
RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

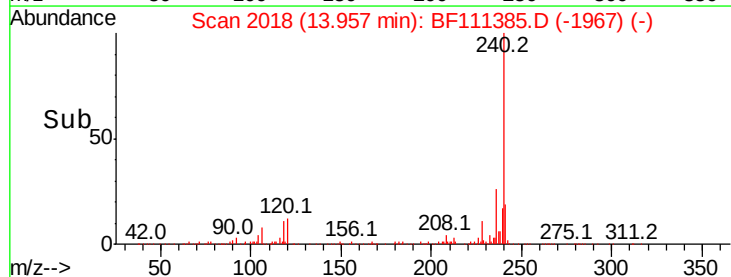
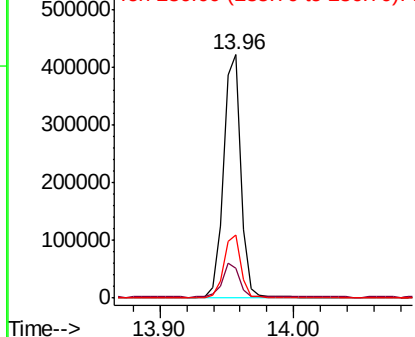
Lab File: BF111385.D

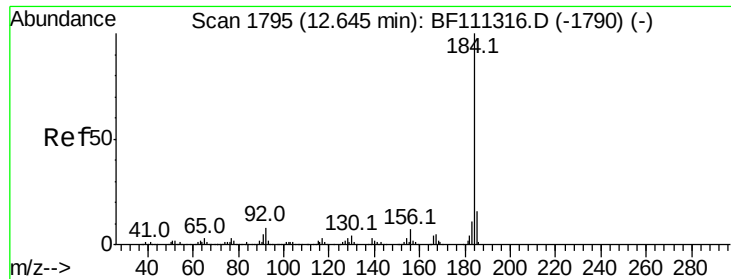
Acq: 13 Dec 2018 22:21

Tgt Ion:	240	Resp:	388090
Ion Ratio	Lower	Upper	
240	100		
120	12.2	12.2	18.2
236	25.8	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: 0.128 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.02 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

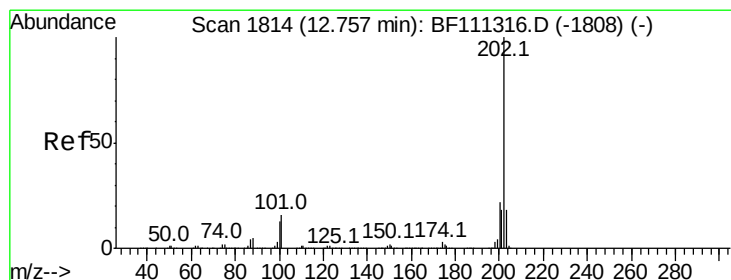
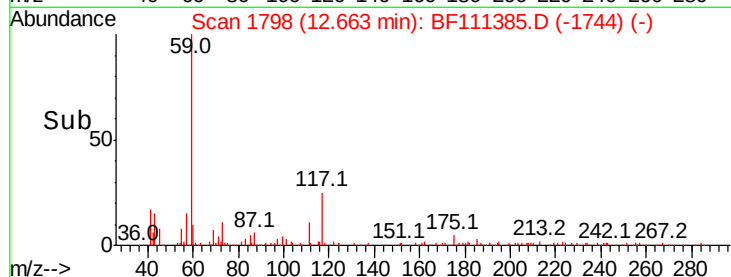
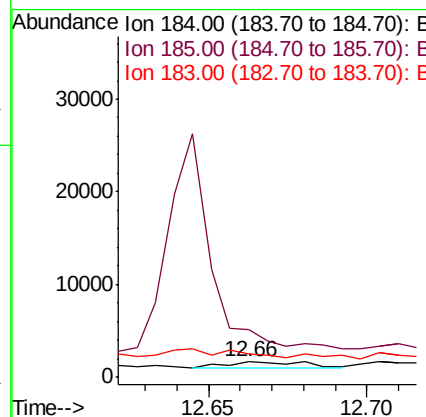
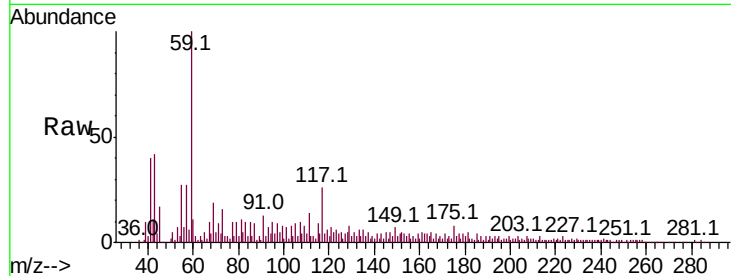
ClientSampleId :

P001-SW004-01MS

Tot Ion:	184	Resp:	939
Ion Ratio	Lower	Upper	
184	100		
185	308.0	13.0	19.6#
183	152.5	9.3	13.9#

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#78

Pyrene

Concen: 28.553 ng

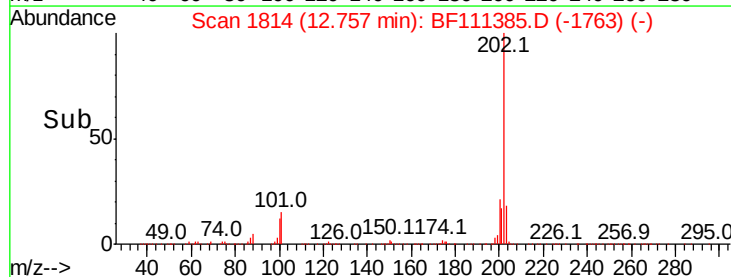
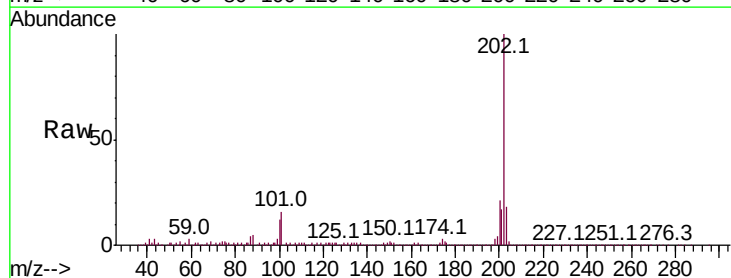
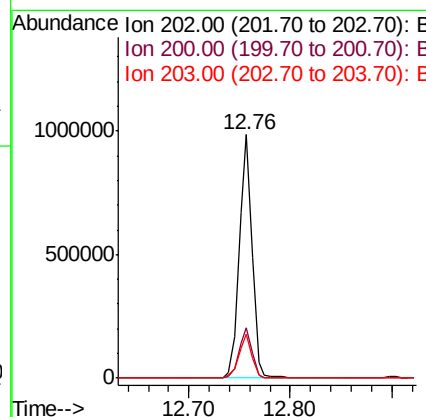
RT: 12.76 min Scan# 1814

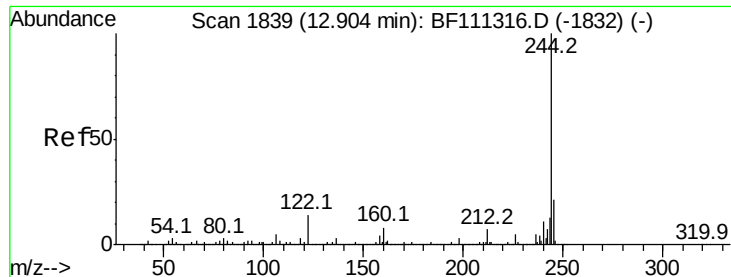
Delta R.T. 0.00 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:	202	Resp:	855197
Ion Ratio	Lower	Upper	
202	100		
200	20.9	19.0	28.4
203	17.8	15.2	22.8





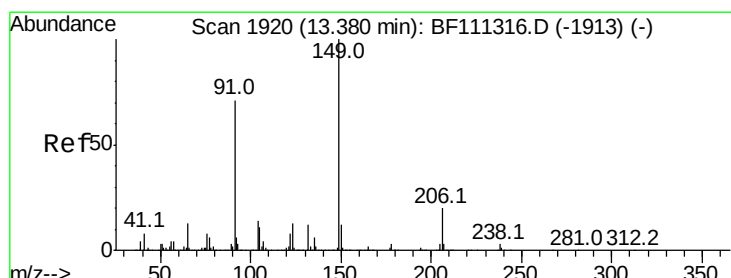
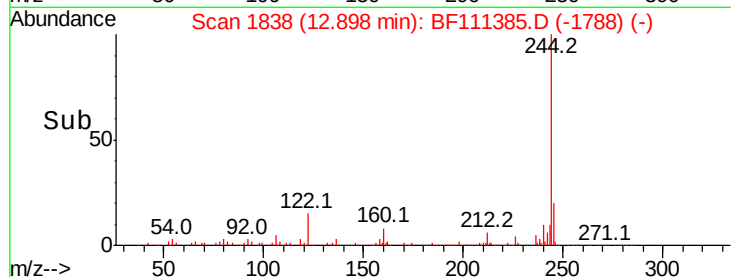
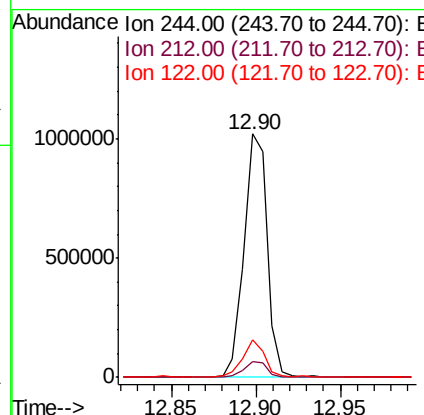
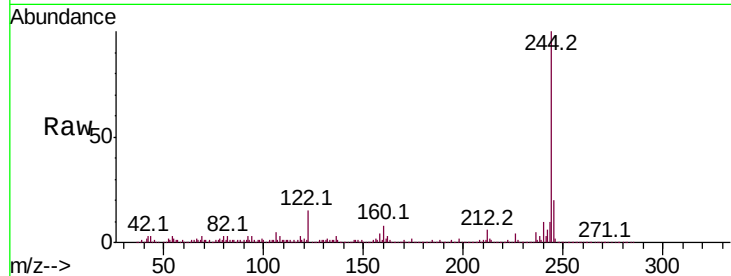
#79
Terphenyl-d14
Concen: 55.220 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.7	8.5
122	15.3	13.1	19.7

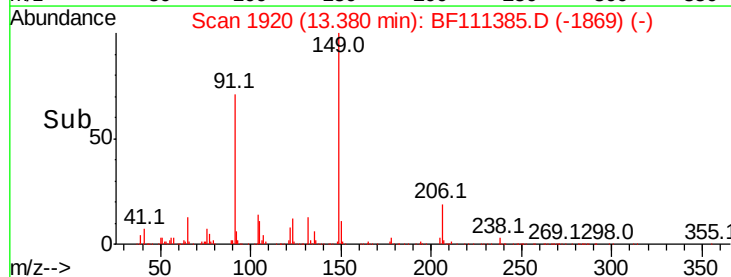
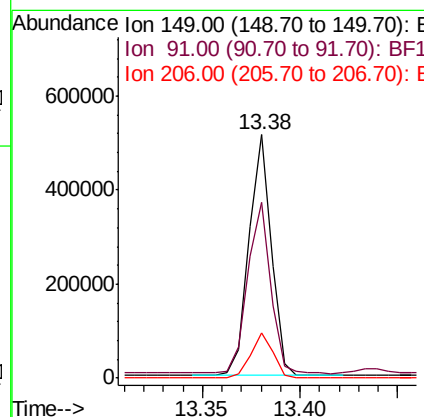
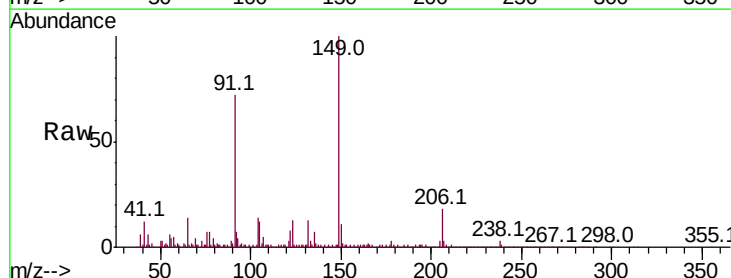
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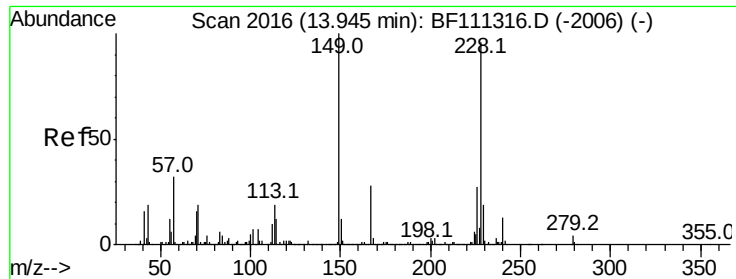
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#80
Butylbenzylphthalate
Concen: 28.371 ng
RT: 13.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.1	63.8	95.6
206	18.5	15.1	22.7





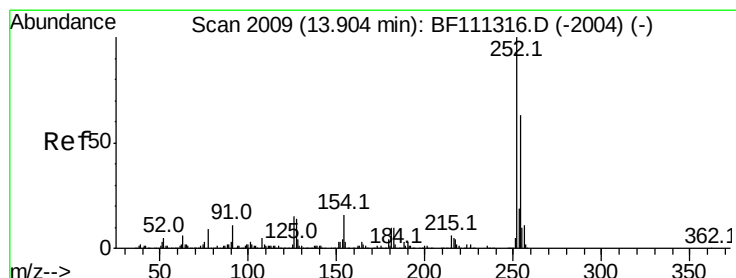
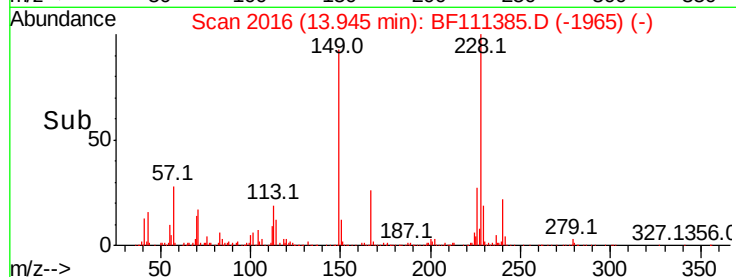
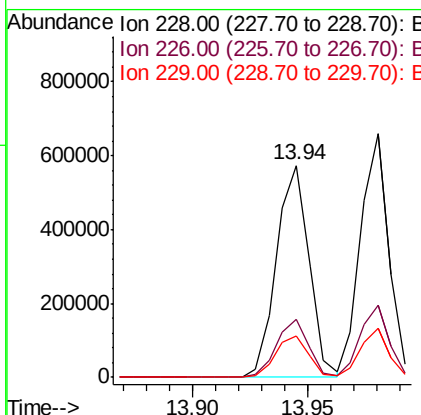
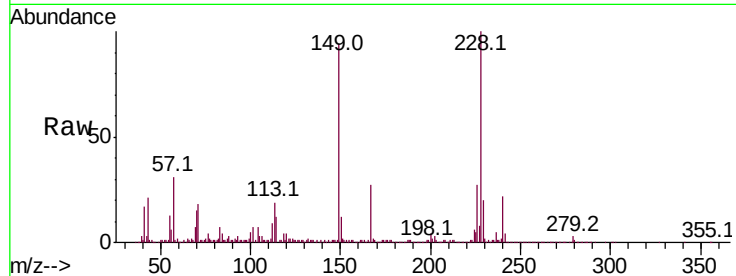
#81
Benzo(a)anthracene
Concen: 25.687 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.6	16.3	24.5

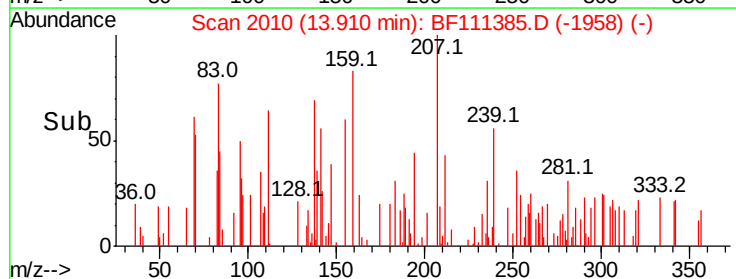
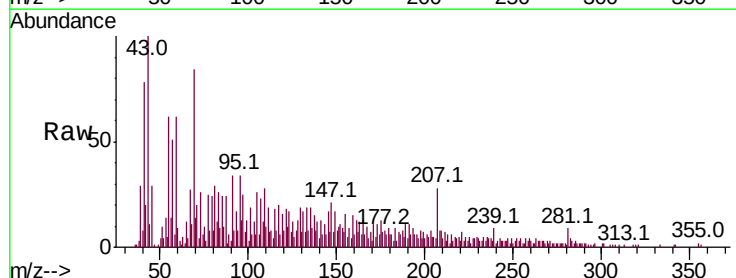
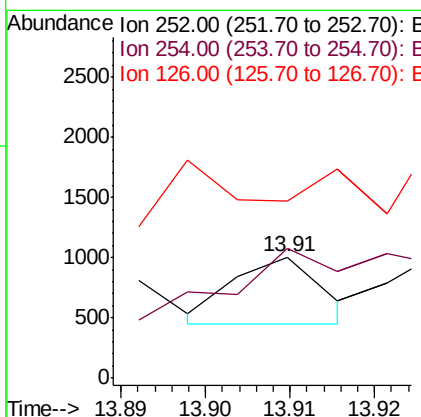
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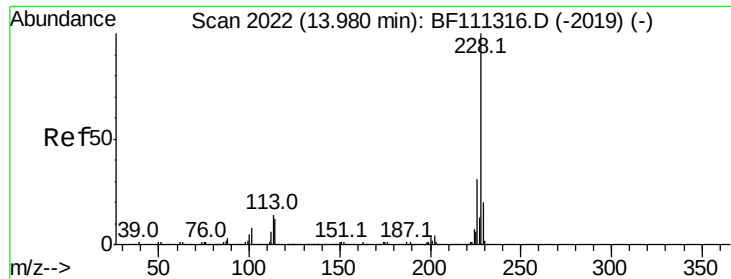
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 0.050 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	107.4	52.7	79.1#
126	146.1	11.1	16.7#





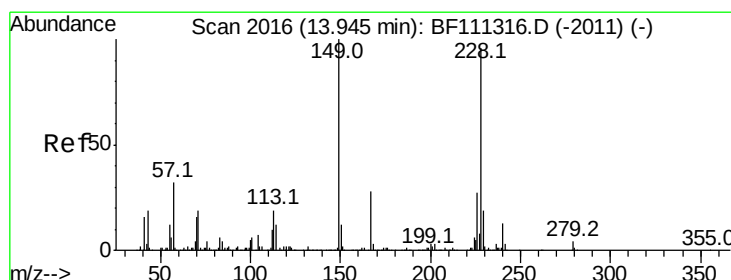
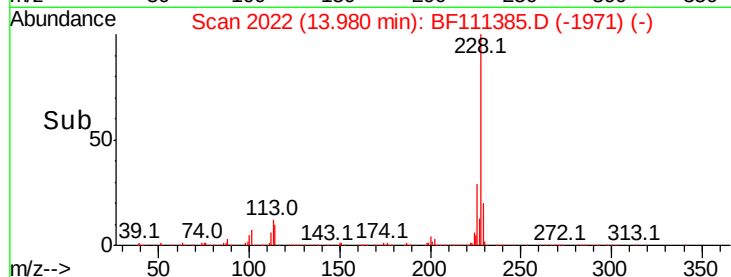
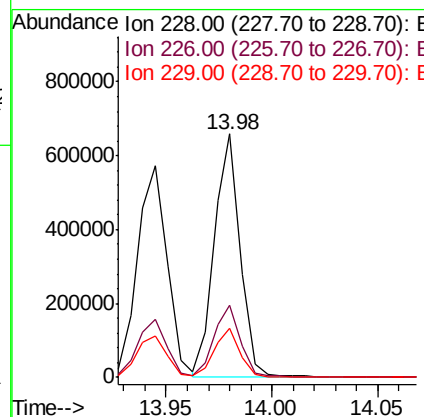
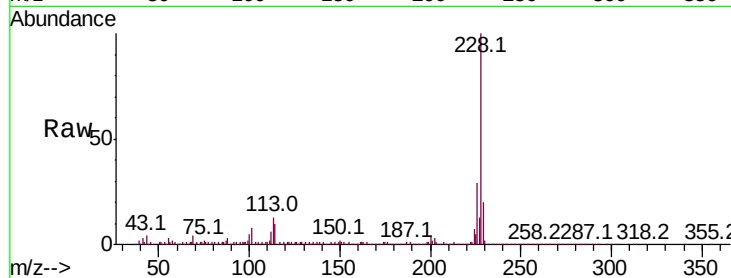
#83
Chrysene
Concen: 25.353 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	561668		
226	29.4		25.3	37.9
229	20.1		17.2	25.8

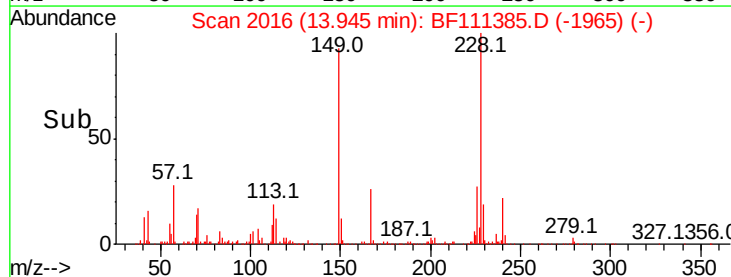
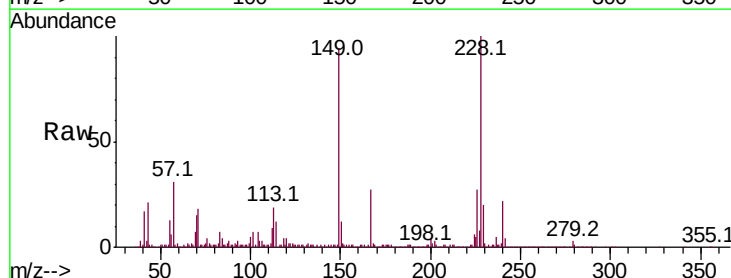
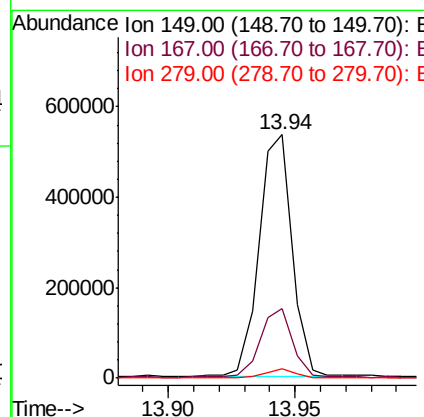
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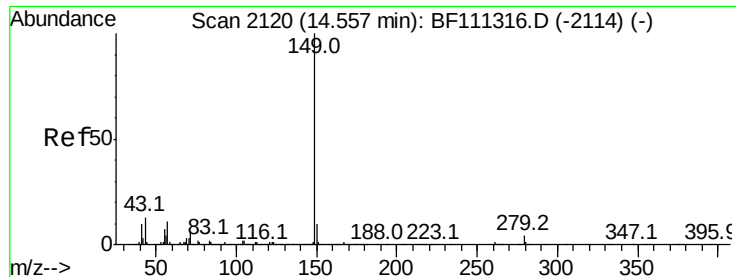
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 27.341 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	480669		
167	28.4		22.5	33.7
279	3.6		2.6	4.0





#85

Di-n-octyl phthalate

Concen: 27.637 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Instrument :

BNA_F

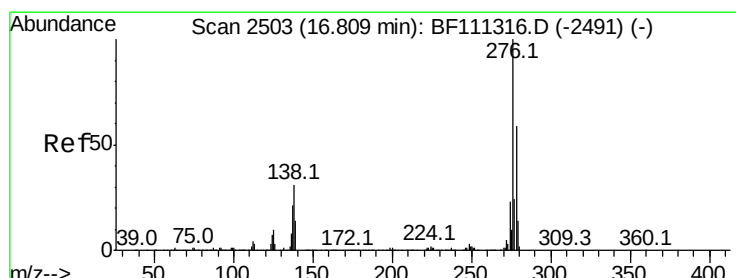
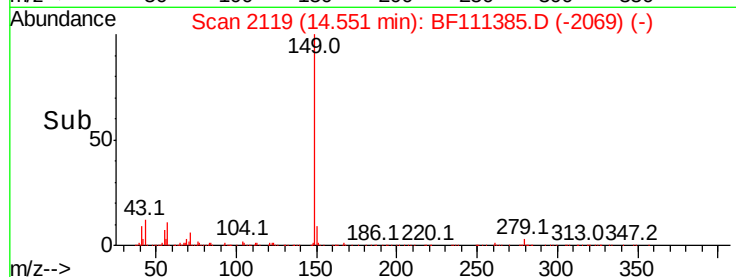
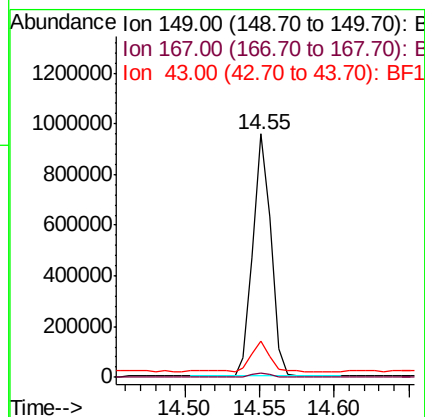
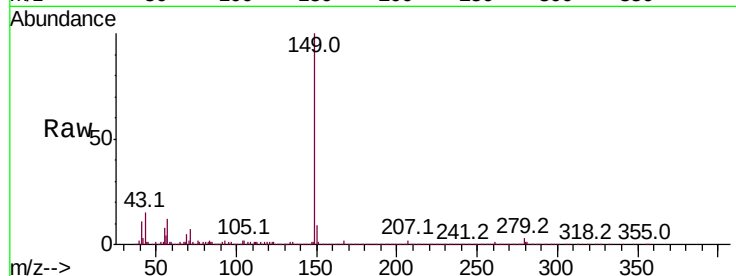
ClientSampleId :

P001-SW004-01MS

Tot Ion:	149	Resp:	797806
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	12.2	10.9	16.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 28.404 ng

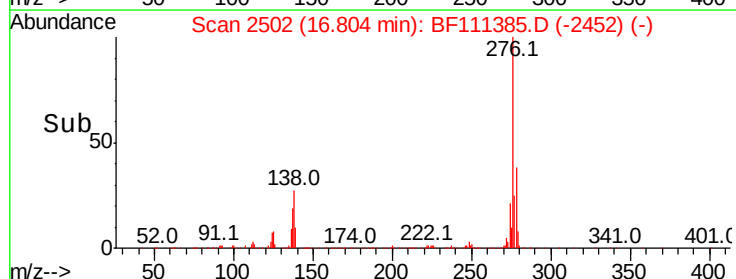
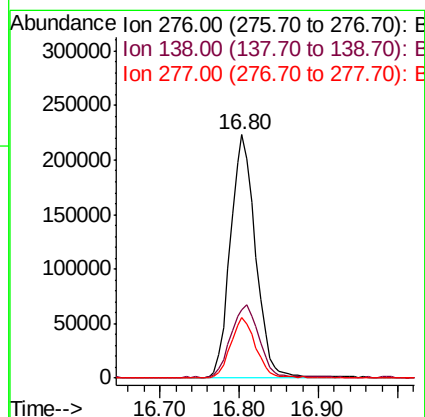
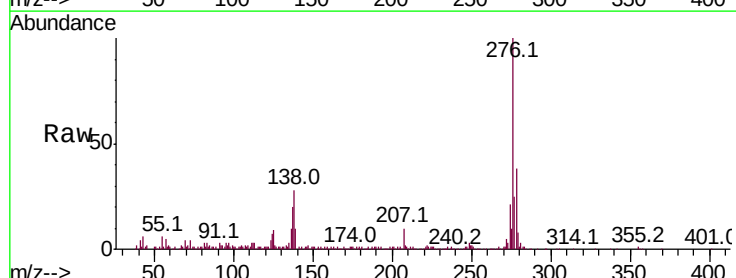
RT: 16.80 min Scan# 2502

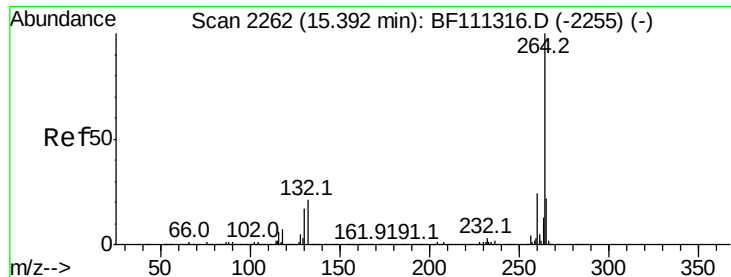
Delta R.T. -0.01 min

Lab File: BF111385.D

Acq: 13 Dec 2018 22:21

Tgt Ion:	276	Resp:	492159
Ion Ratio	Lower	Upper	
276	100		
138	32.8	27.8	41.6
277	24.8	20.1	30.1





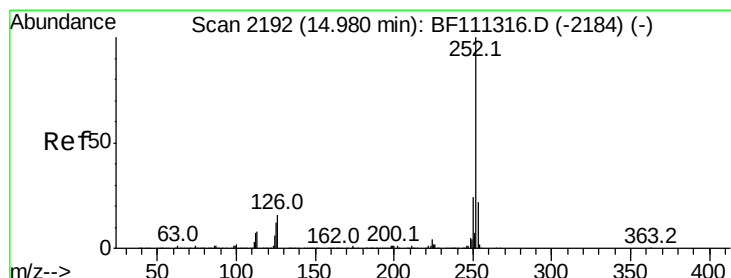
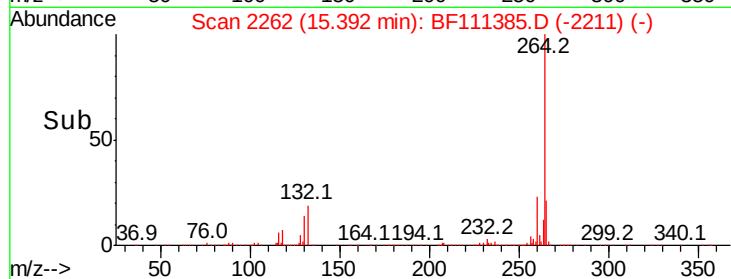
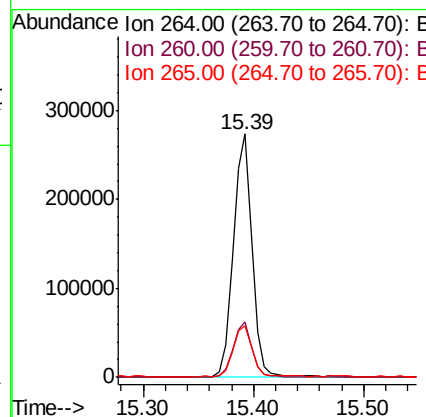
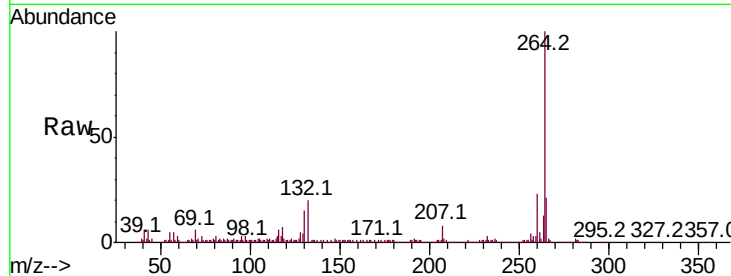
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	21.2	17.7	26.5

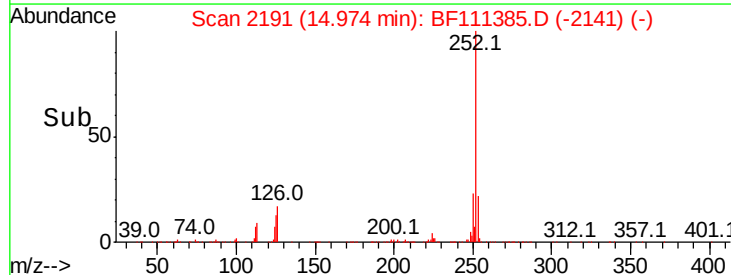
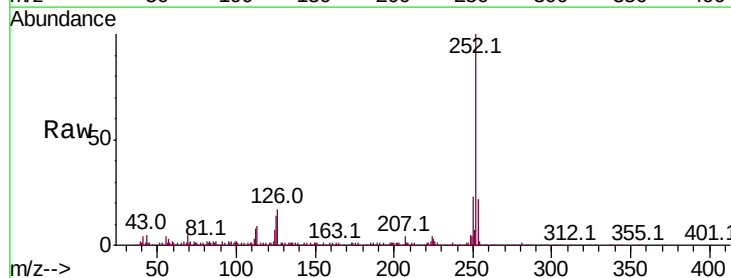
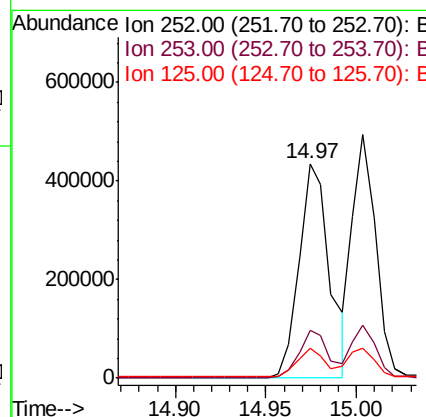
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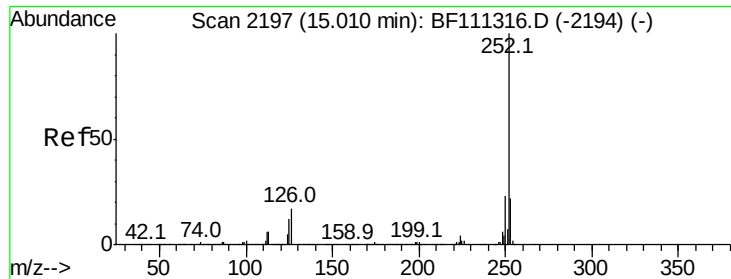
Sohil
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#88
Benzo(b)fluoranthene
Concen: 27.630 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	13.7	10.4	15.6





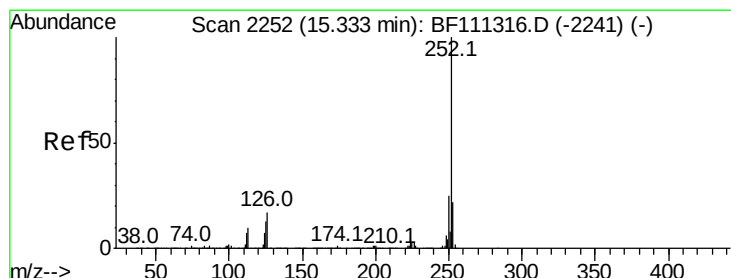
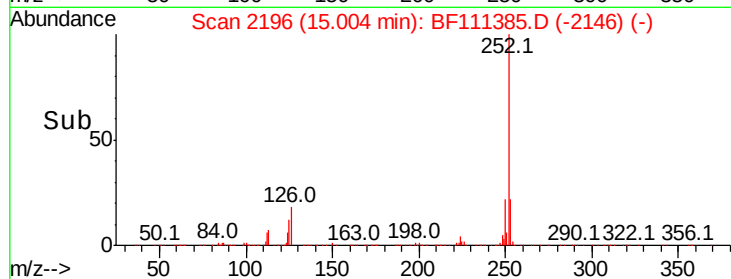
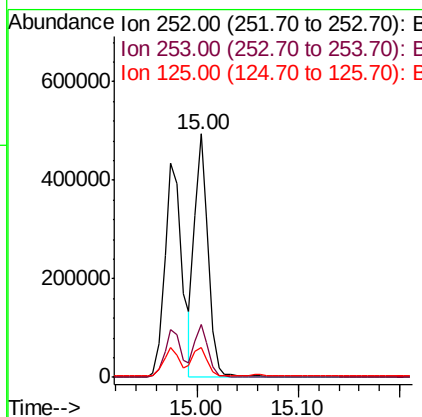
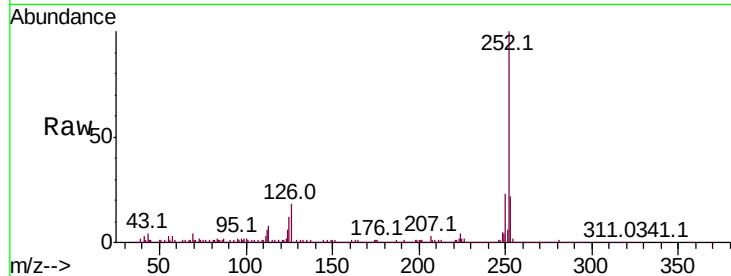
#89
Benzo(k)fluoranthene
Concen: 24.560 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.1	9.8	14.8

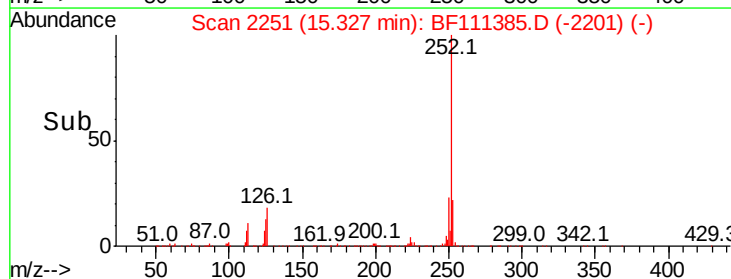
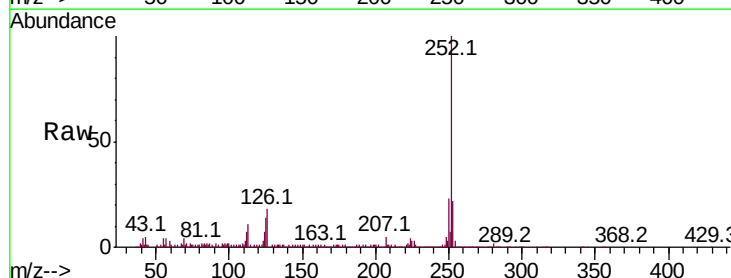
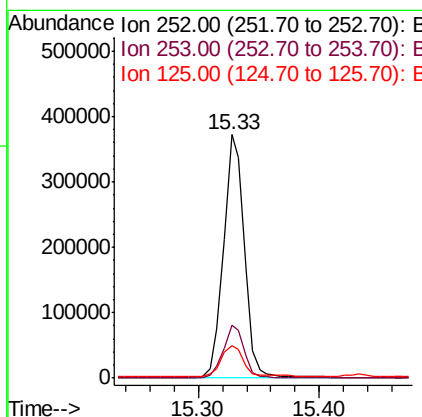
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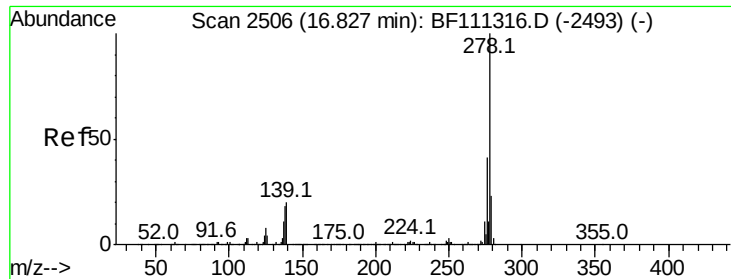
Sohil
12/14/2018 12:53:38 PM



#90
Benzo(a)pyrene
Concen: 25.486 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	13.5	12.3	18.5





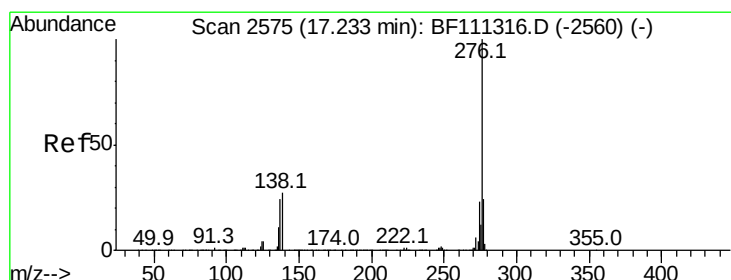
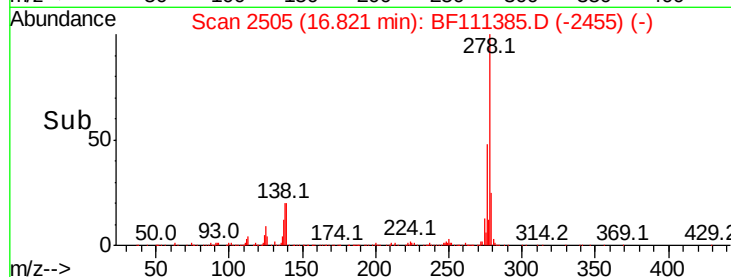
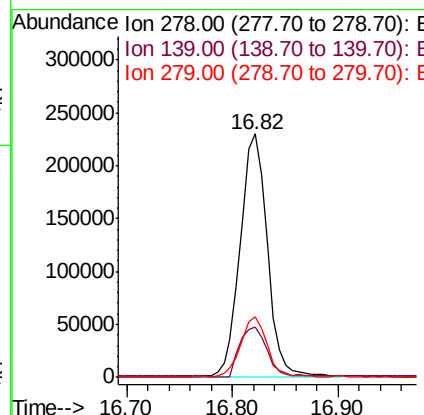
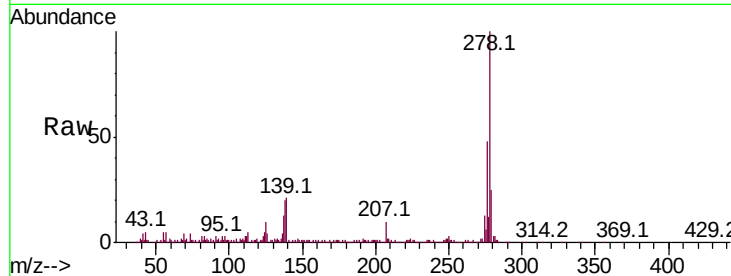
#91
Dibenzo(a,h)anthracene
Concen: 28.546 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Instrument :
BNA_F
ClientSampleId :
P001-SW004-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.7	18.2	27.4
279	25.1	19.0	28.6

Manual Integrations
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Sohil
12/14/2018 12:53:38 PM



#92
Benzo(g,h,i)perylene
Concen: 27.891 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF111385.D
Acq: 13 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	29.2	24.9	37.3

