

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110042.D
 Acq On : 22 Oct 2018 11:59
 Operator : JU/SJ
 Sample : PB114001BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BSD

Manual Integrations
 APPROVED

Sohil
 10/23/2018 2:18:34 PM

Quant Time: Oct 23 02:27:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166893	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	706181	20.00	ng	-0.02
39) Acenaphthene-d10	10.02	164	337729	20.00	ng	-0.01
64) Phenanthrene-d10	11.50	188	661656	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	525311	20.00	ng	-0.01
87) Perylene-d12	15.67	264	392023	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1328503	126.18	ng	0.00
7) Phenol-d6	6.60	99	1702714	130.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	890135	84.91	ng	-0.02
42) 2,4,6-Tribromophenol	10.81	330	435708	149.01	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1671762	78.99	ng	-0.01
79) Terphenyl-d14	13.09	244	1742793	69.67	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.94	88	181937	30.425	ng	89
3) Pyridine	3.69	79	513383	38.508	ng	# 87
4) n-Nitrosodimethylamine	3.65	42	235287	43.263	ng	# 98
6) Aniline	6.63	93	553701	31.427	ng	# 54
8) 2-Chlorophenol	6.76	128	474022	40.193	ng	99
9) Benzaldehyde	6.52	77	259218	30.511	ng	99
10) Phenol	6.61	94	570364	40.407	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	452504	38.340	ng	92
12) 1,3-Dichlorobenzene	6.91	146	514211	39.762	ng	98
13) 1,4-Dichlorobenzene	6.99	146	516912	39.689	ng	97
14) 1,2-Dichlorobenzene	7.14	146	484185	40.372	ng	99
15) Benzyl Alcohol	7.11	79	409754	40.739	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.24	45	749157	38.673	ng	68
17) 2-Methylphenol	7.21	107	391474	41.164	ng	# 82
18) Hexachloroethane	7.48	117	192010	41.718	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	321738	38.328	ng	93
20) 3+4-Methylphenols	7.36	107	483528	40.067	ng	95
22) Acetophenone	7.37	105	658705	40.222	ng	# 96
24) Nitrobenzene	7.55	77	494057	43.383	ng	95
25) Isophorone	7.79	82	901878	43.784	ng	98
26) 2-Nitrophenol	7.87	139	237584	50.316	ng	91
27) 2,4-Dimethylphenol	7.90	122	445006	44.853	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	568459	40.212	ng	99
29) 2,4-Dichlorophenol	8.10	162	399203	41.477	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	432220	40.107	ng	97
31) Naphthalene	8.27	128	1385040	42.771	ng	99
32) Benzoic acid	8.01	122	259277	41.942	ng	96
33) 4-Chloroaniline	8.32	127	355420	24.416	ng	97
34) Hexachlorobutadiene	8.39	225	235171	39.574	ng	98
35) Caprolactam	8.69	113	134322m	39.296	ng	
36) 4-Chloro-3-methylphenol	8.80	107	427842	42.137	ng	95
37) 2-Methylnaphthalene	8.97	142	953918	45.492	ng	98
38) 1-Methylnaphthalene	9.07	142	896670	44.130	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	395429	38.013	ng	98

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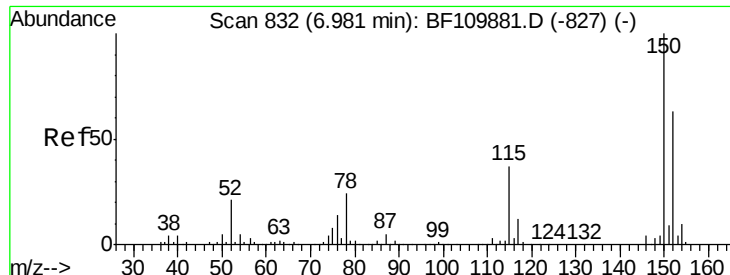
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	506902	100.960	nq	100
43) 2,4,6-Trichlorophenol	9.24	196	269649	41.456	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	293780	43.517	nq	97
46) 1,1'-Biphenyl	9.43	154	1147459	38.134	nq	99
47) 2-Chloronaphthalene	9.46	162	873027	39.389	nq	99
48) 2-Nitroaniline	9.55	65	277172	48.729	nq	98
49) Acenaphthylene	9.88	152	1392289	43.240	nq	100
50) Dimethylphthalate	9.73	163	1005341	42.039	nq	99
51) 2,6-Dinitrotoluene	9.79	165	224538	49.434	nq	98
52) Acenaphthene	10.05	154	942863	45.994	nq	98
53) 3-Nitroaniline	9.96	138	179724	32.528	nq	96
54) 2,4-Dinitrophenol	10.07	184	177601	117.981	nq	# 81
55) Dibenzofuran	10.22	168	1202761	41.141	nq	97
56) 4-Nitrophenol	10.13	139	547532	129.873	nq	91
57) 2,4-Dinitrotoluene	10.20	165	307819	53.110	nq	93
58) Fluorene	10.56	166	961098	45.160	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	247067	46.178	nq	94
60) Diethylphthalate	10.43	149	989334	41.886	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	449727	40.568	nq	98
62) 4-Nitroaniline	10.59	138	258261	49.379	nq	93
63) Azobenzene	10.72	77	985281	39.930	nq	94
65) 4,6-Dinitro-2-methylphenol	10.61	198	116544	48.518	nq	98
66) n-Nitrosodiphenylamine	10.67	169	851396	38.635	nq	97
67) 4-Bromophenyl-phenylether	11.04	248	278895	38.894	nq	94
68) Hexachlorobenzene	11.11	284	290418	37.980	nq	# 91
69) Atrazine	11.20	200	290375	42.183	nq	98
70) Pentachlorophenol	11.30	266	300784	69.119	nq	99
71) Phenanthrene	11.53	178	1426001	41.630	nq	100
72) Anthracene	11.58	178	1486909	43.176	nq	100
73) Carbazole	11.73	167	1333453	39.398	nq	99
74) Di-n-butylphthalate	12.06	149	1542298	40.832	nq	99
75) Fluoranthene	12.72	202	1503062	43.924	nq	98
77) Benzidine	12.84	184	943499	46.844	nq	97
78) Pyrene	12.95	202	1520018	39.397	nq	99
80) Butylbenzylphthalate	13.56	149	665142	42.642	nq	98
81) Benzo(a)anthracene	14.14	228	1330557	43.001	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	248379	22.897	nq	98
83) Chrysene	14.18	228	1217325	41.332	nq	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	920254	44.836	nq	97
85) Di-n-octyl phthalate	14.73	149	1415334	48.911	nq	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	886297	37.375	nq	95
88) Benzo(b)fluoranthene	15.22	252	1076826	47.645	nq	99
89) Benzo(k)fluoranthene	15.25	252	990845m	44.479	nq	
90) Benzo(a)pyrene	15.61	252	949995	45.702	nq	97
91) Dibenzo(a,h)anthracene	17.25	278	725776	39.398	nq	97
92) Benzo(g,h,i)perylene	17.71	276	721473	38.763	nq	96

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



#1

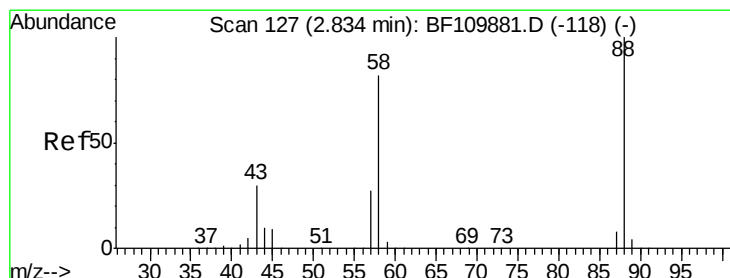
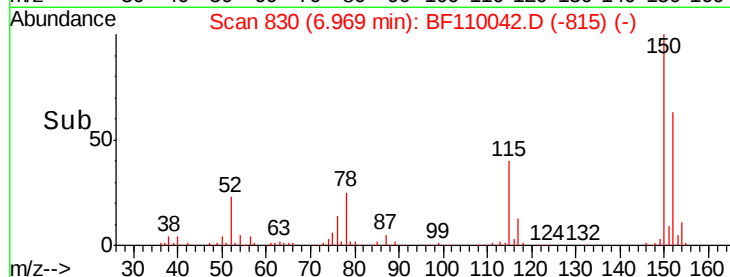
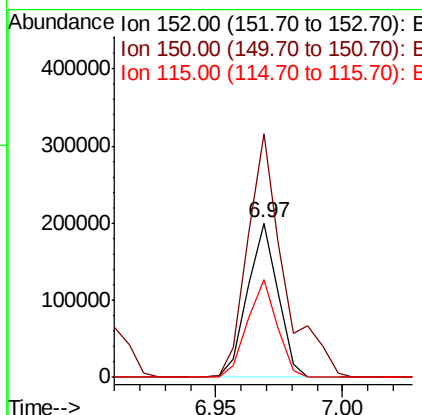
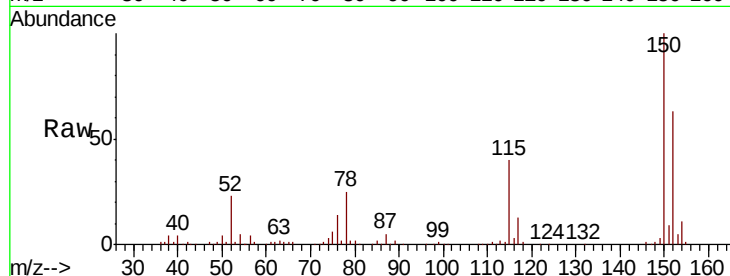
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.7	184.1
115	63.3	49.1	73.7

Manual Integrations
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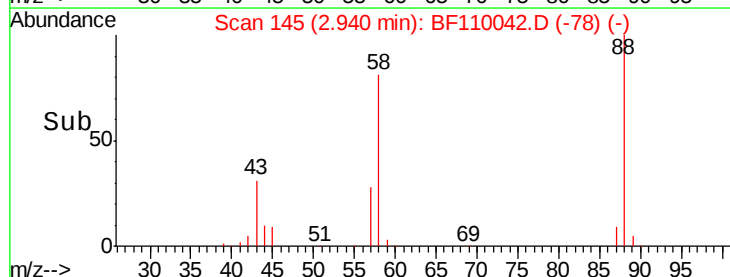
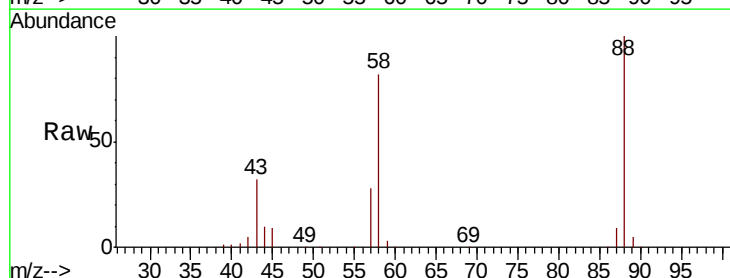
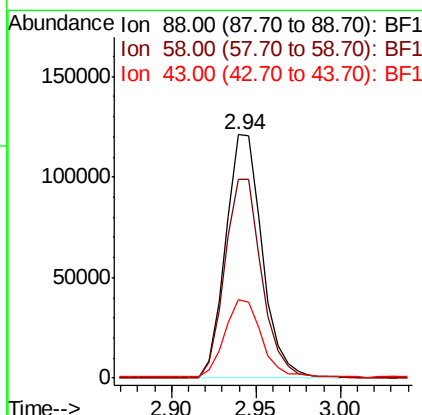
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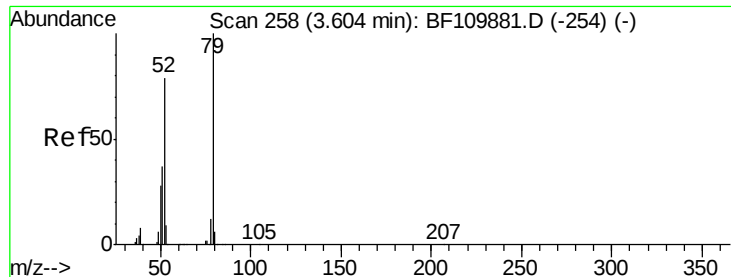


#2

1,4-Dioxane
Concen: 30.425 ng
RT: 2.94 min Scan# 145
Delta R.T. 0.09 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	57.1	85.7
43	32.6	24.1	36.1





#3

Pvridine

Concen: 38.508 ng

RT: 3.69 min Scan# 272

Delta R.T. 0.07 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

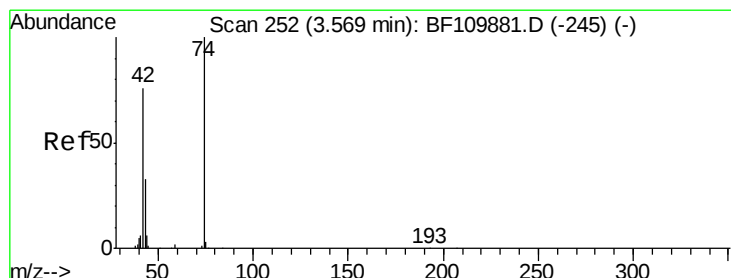
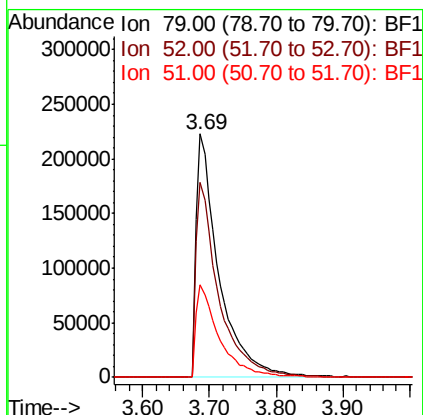
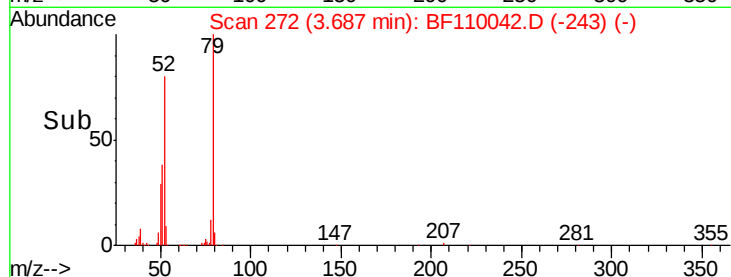
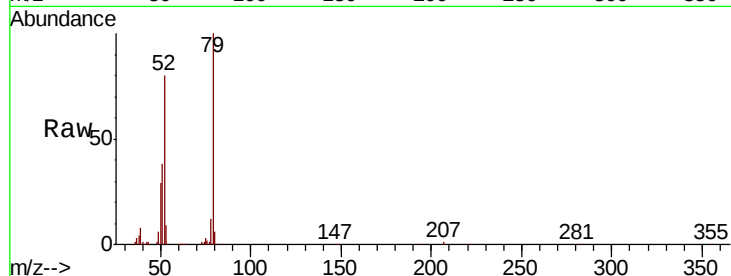
ClientSampleId :

PB114001BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.9	53.1	79.7#
51	37.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 43.263 ng

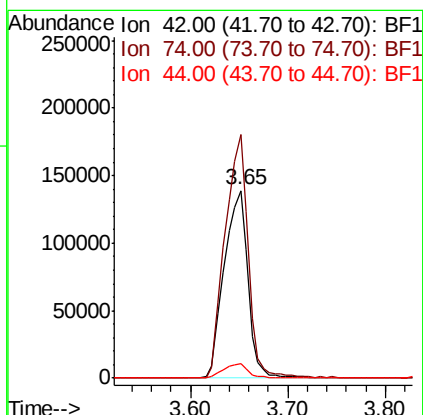
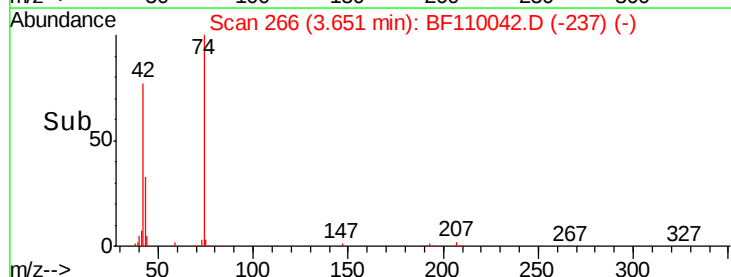
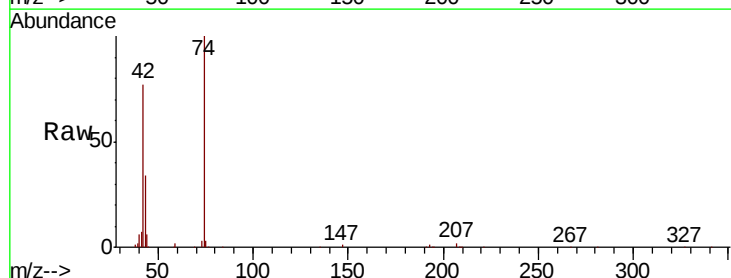
RT: 3.65 min Scan# 266

Delta R.T. 0.07 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.8	105.5	158.3
44	7.6	4.9	7.3#





#5

2-Fluorophenol

Concen: 126.180 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

ClientSampleId :

PB114001BSD

Tot Ion: 112 Resp: 1328503

Ion Ratio Lower Upper

112 100

64 60.3 44.1 66.1

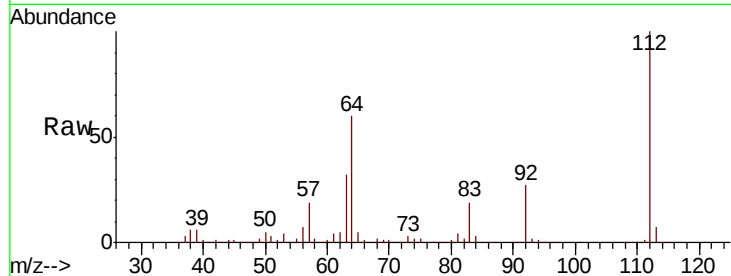
63 32.4 23.7 35.5

Manual Integrations

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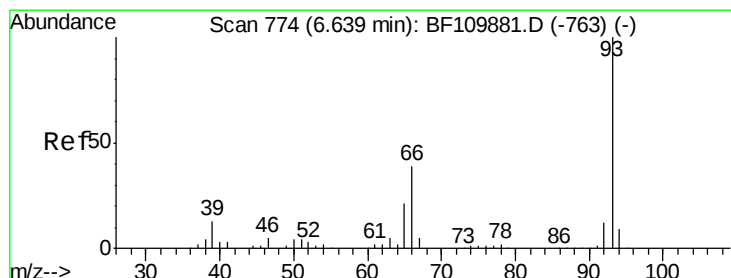
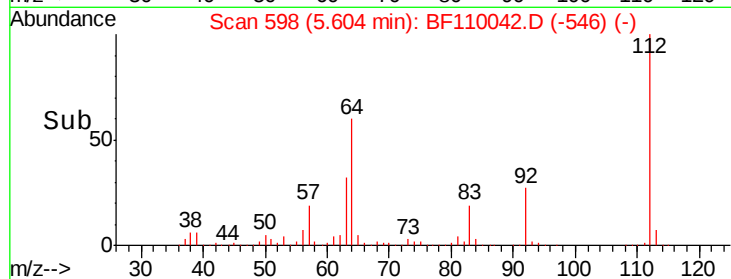
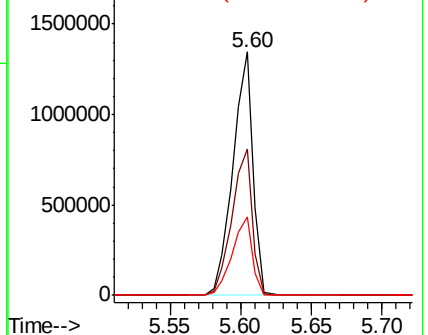
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.427 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

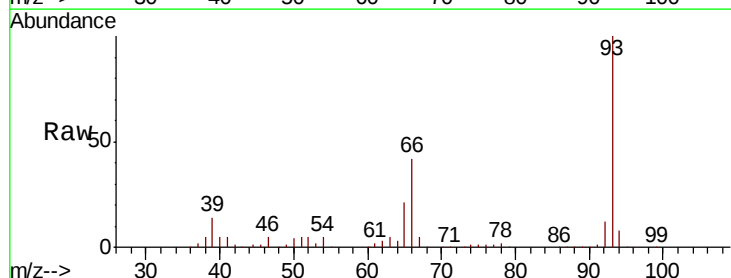
Tgt Ion: 93 Resp: 553701

Ion Ratio Lower Upper

93 100

66 41.7 67.4 101.0#

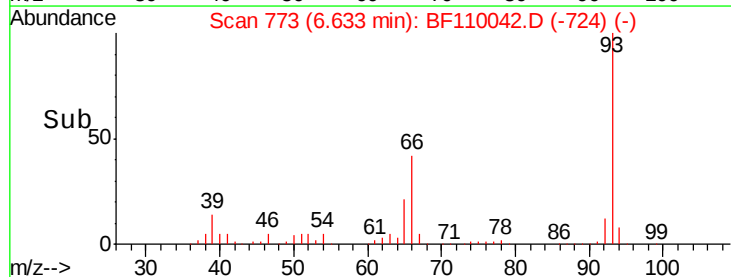
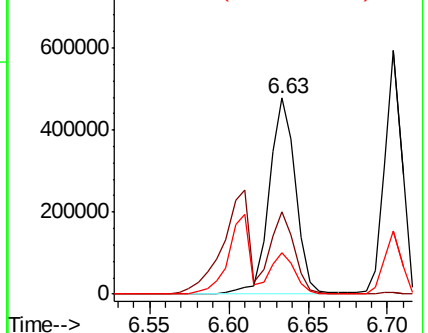
65 20.8 41.0 61.4#

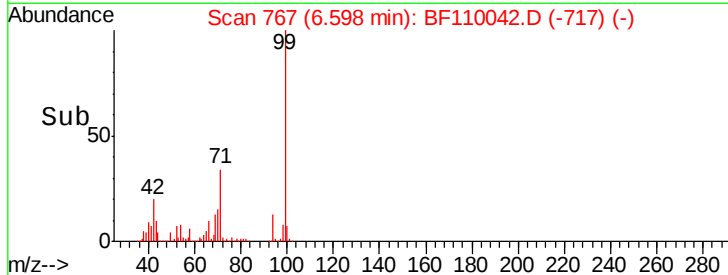
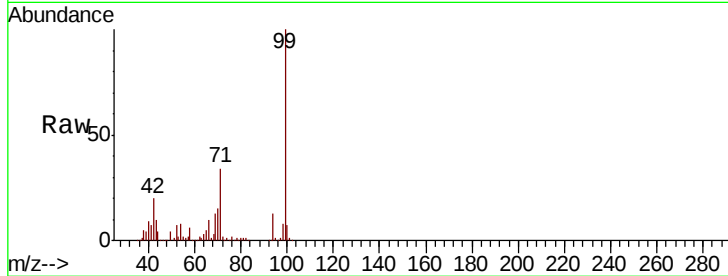
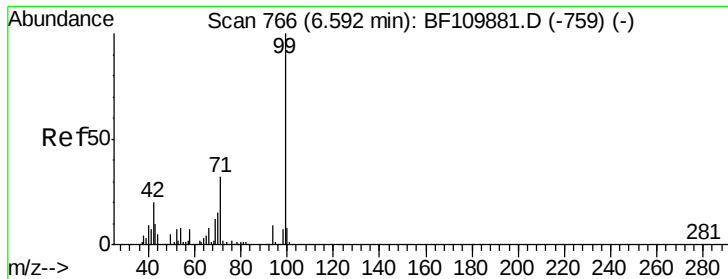


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.239 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Tot Ion:	99	Resp:	1702714
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	34.4	28.0	42.0

Instrument :

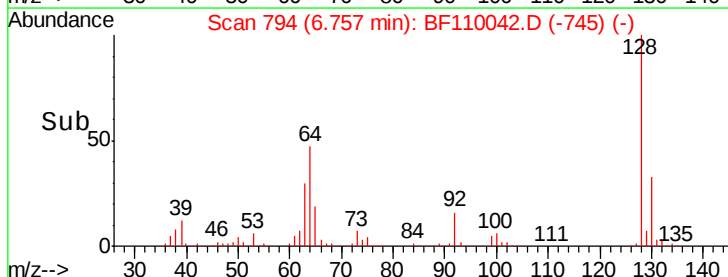
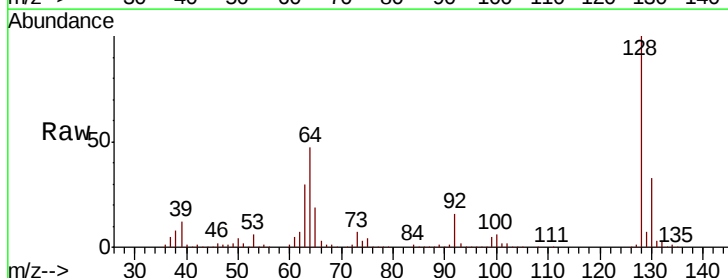
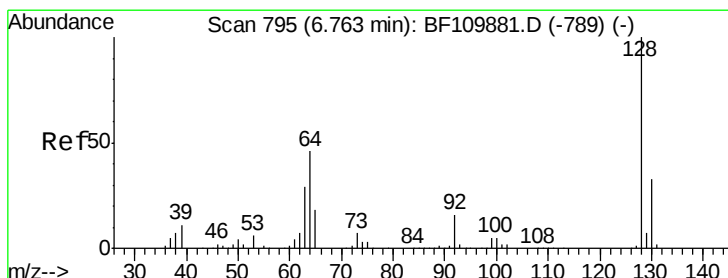
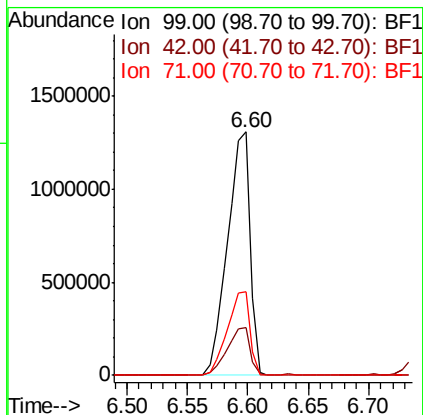
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 40.193 ng

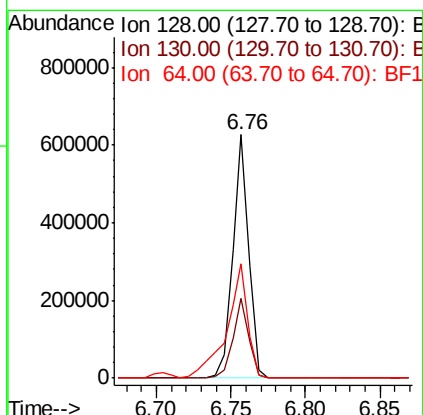
RT: 6.76 min Scan# 794

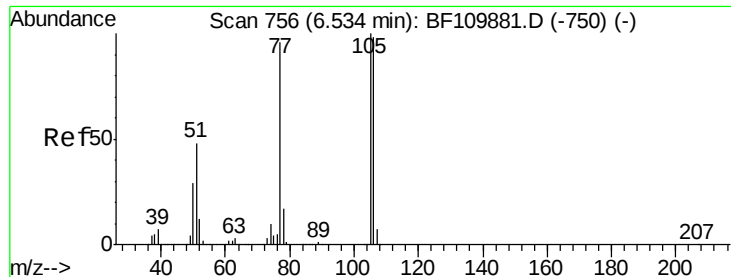
Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Tgt Ion:	128	Resp:	474022
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	47.0	26.0	66.0





#9

Benzaldehyde

Concen: 30.511 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

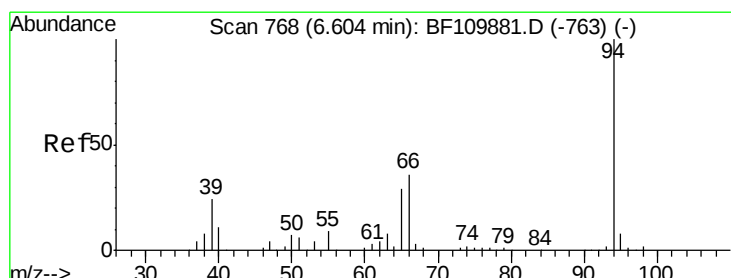
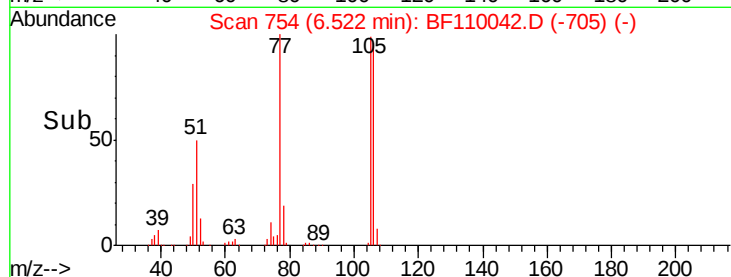
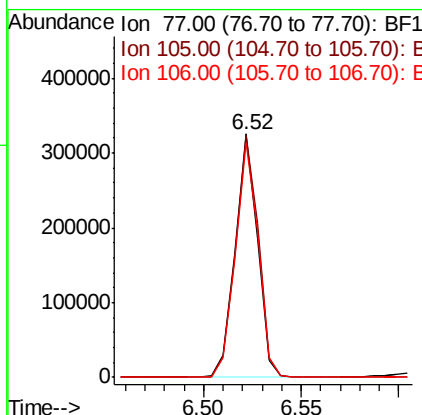
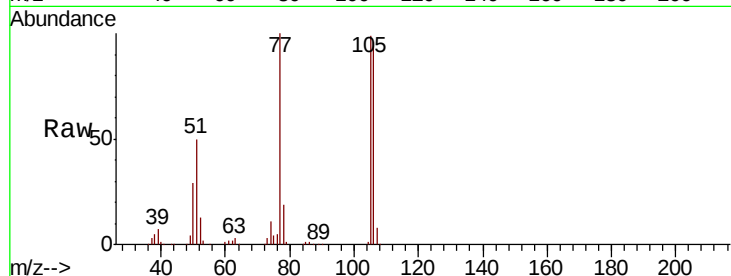
ClientSampleId :

PB114001BSD

Tot Ion:	77	Resp:	259218
Ion	Ratio	Lower	Upper
77	100		
105	99.4	78.6	118.6
106	96.3	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 40.407 ng

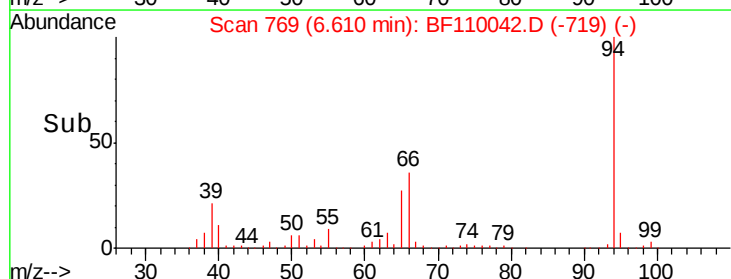
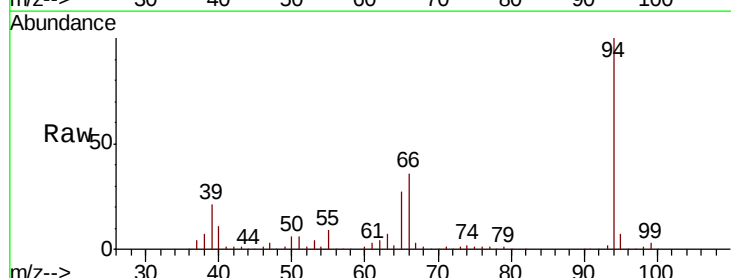
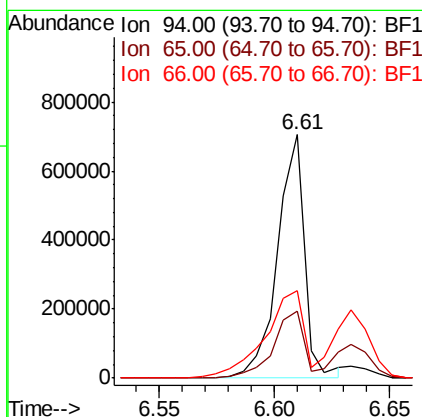
RT: 6.61 min Scan# 769

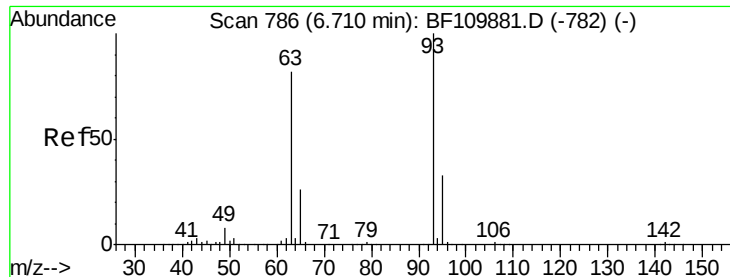
Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Tgt Ion:	94	Resp:	570364
Ion	Ratio	Lower	Upper
94	100		
65	27.5	25.3	65.3
66	35.9	54.5	94.5#





#11

bis(2-Chloroethyl)ether

Concen: 38.340 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

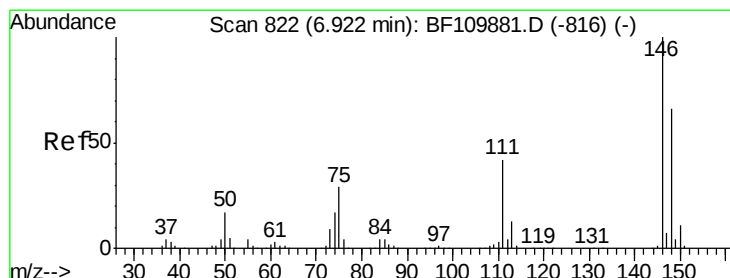
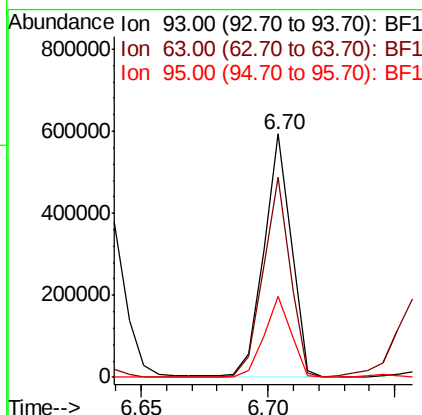
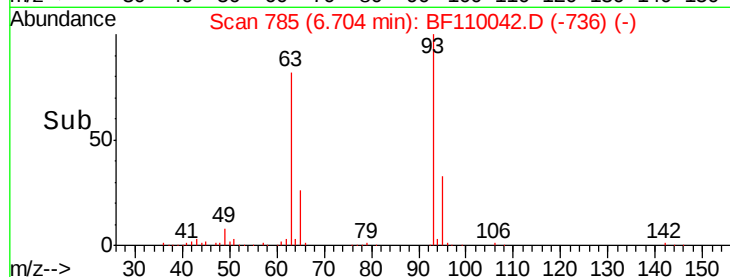
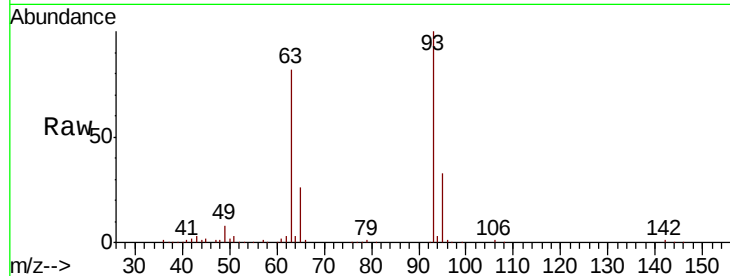
ClientSampleId :

PB114001BSD

Tot Ion:	93	Resp:	452504
Ion Ratio	Lower	Upper	
93	100		
63	82.2	53.4	93.4
95	33.1	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 39.762 ng

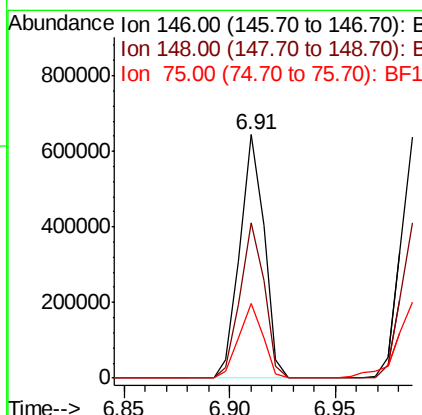
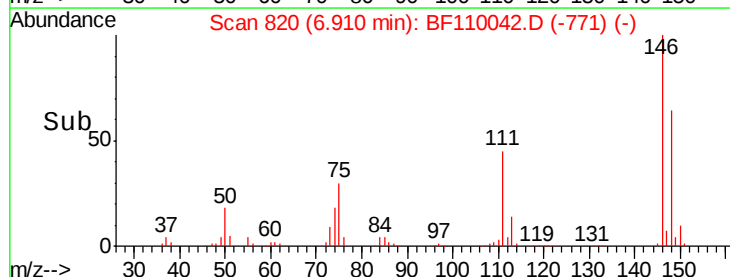
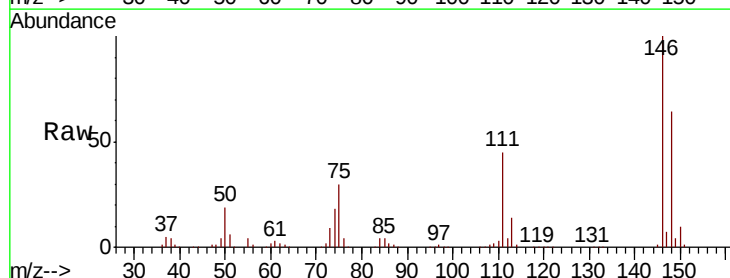
RT: 6.91 min Scan# 820

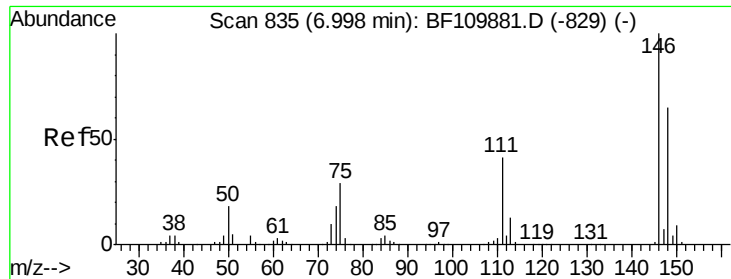
Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Tgt Ion:	146	Resp:	514211
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.4	75.6
75	30.4	25.8	38.6





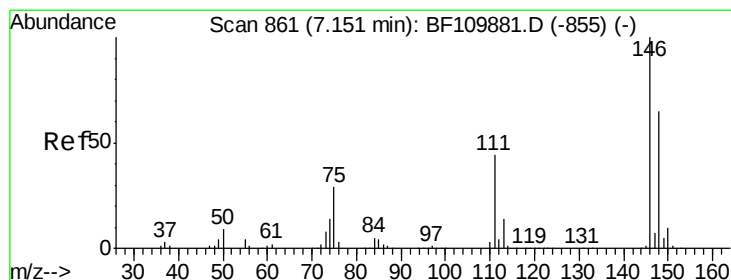
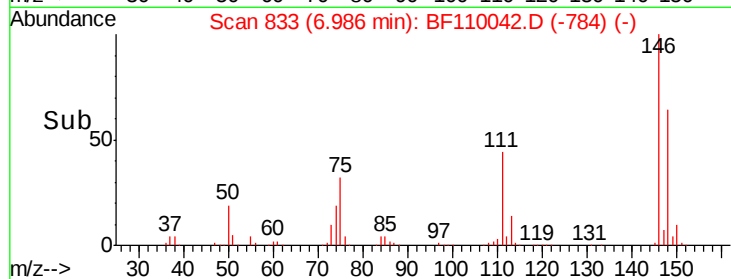
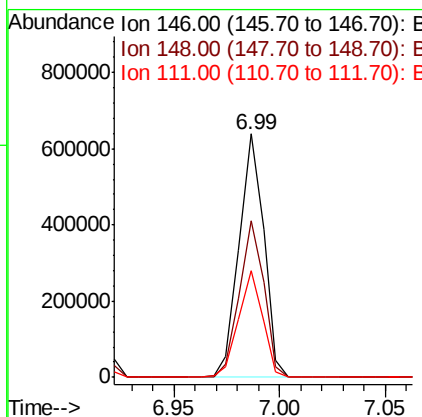
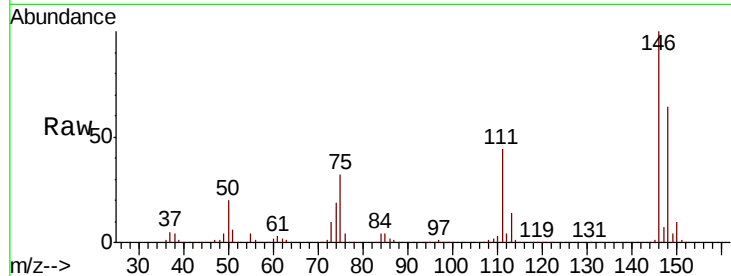
#13
 1,4-Dichlorobenzene
 Concen: 39.689 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
111	43.5	32.7	49.1

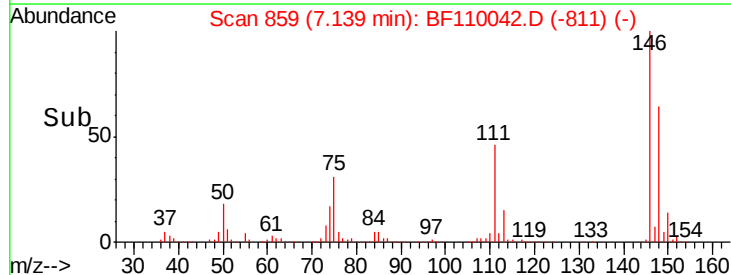
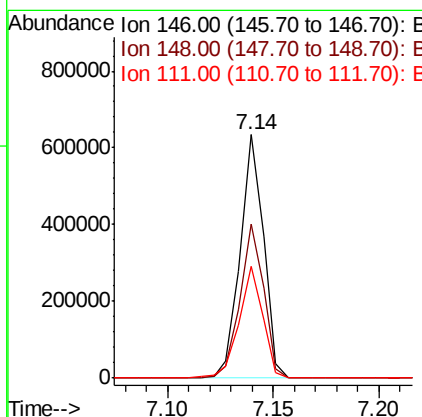
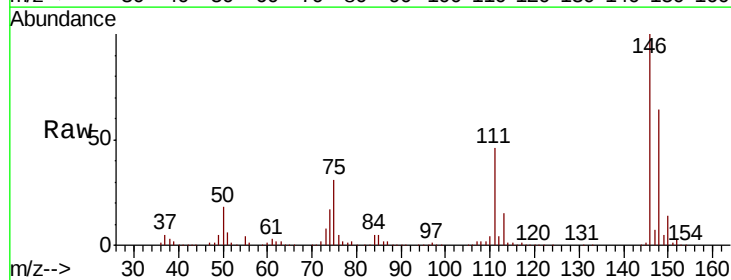
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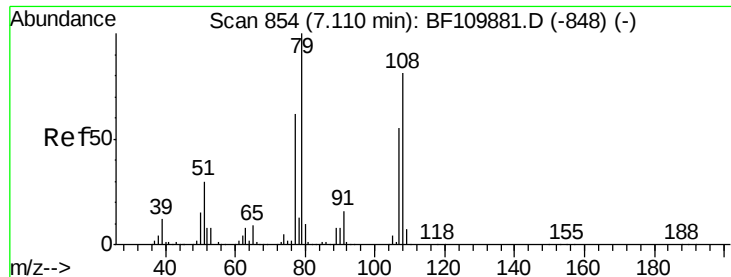
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#14
 1,2-Dichlorobenzene
 Concen: 40.372 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	45.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 40.739 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

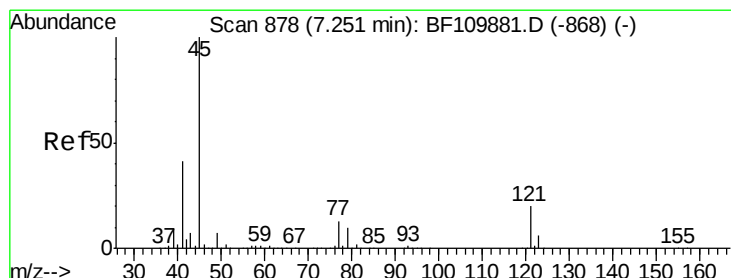
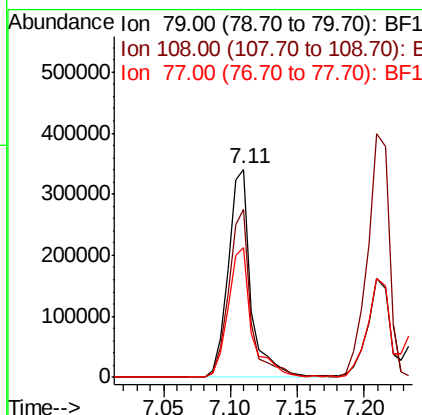
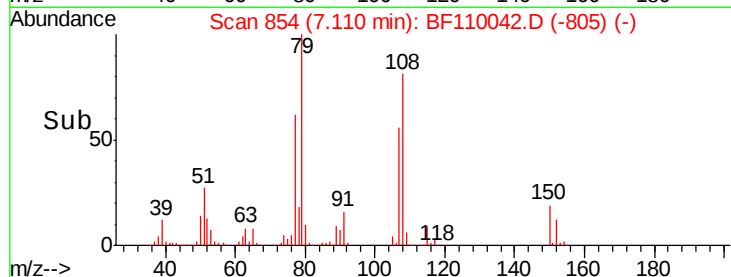
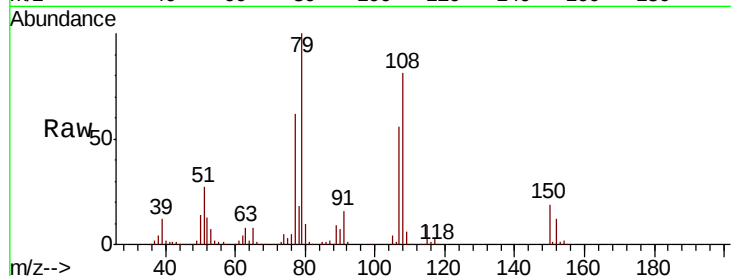
ClientSampleID :

PB114001BSD

Tot Ion:	79	Resp:	409754
Ion Ratio	Lower	Upper	
79	100		
108	81.1	56.3	84.5
77	62.4	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.673 ng

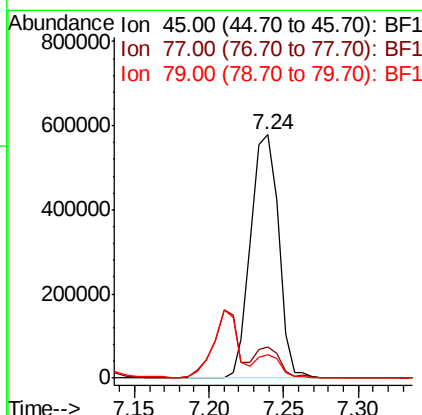
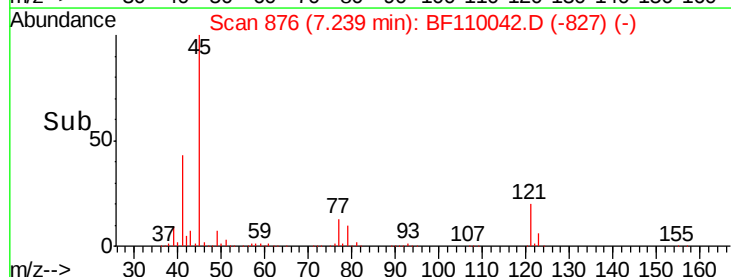
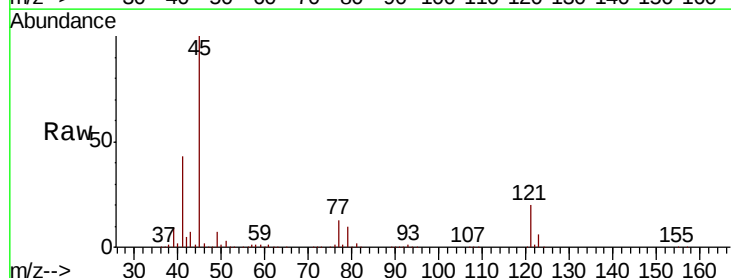
RT: 7.24 min Scan# 876

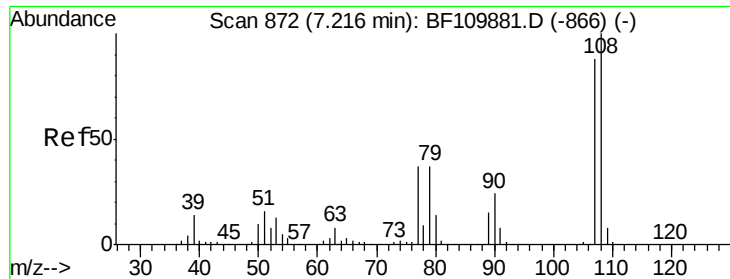
Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Tgt Ion:	45	Resp:	749157
Ion Ratio	Lower	Upper	
45	100		
77	12.9	10.0	50.0
79	9.6	6.1	46.1





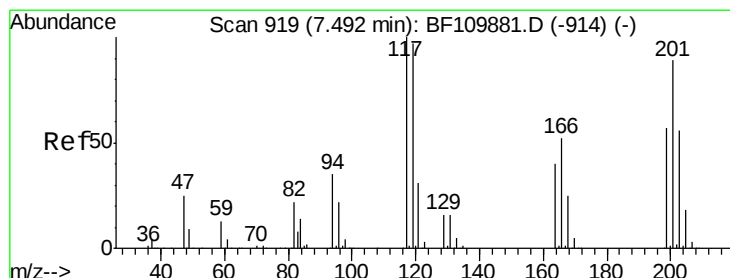
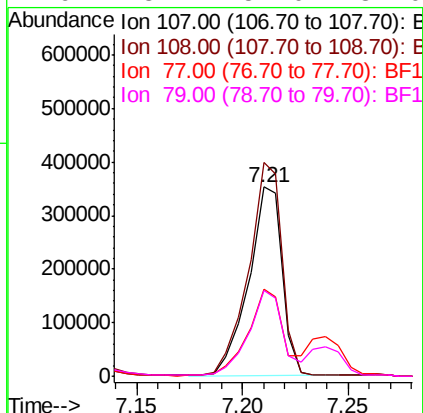
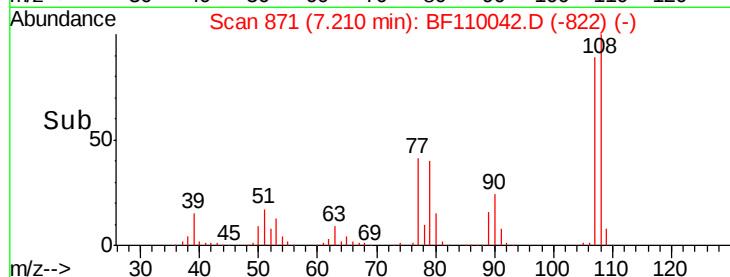
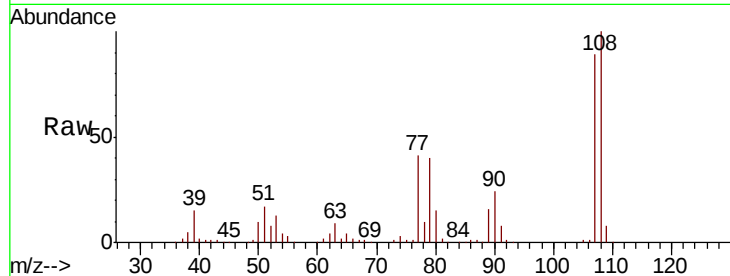
#17
2-Methylphenol
Concen: 41.164 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	92.6	138.8	
77	45.7	59.4	89.2#	
79	45.7	54.0	81.0#	

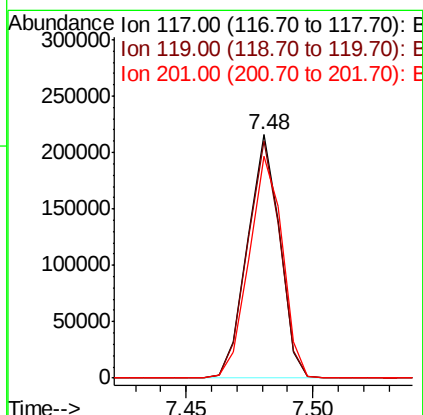
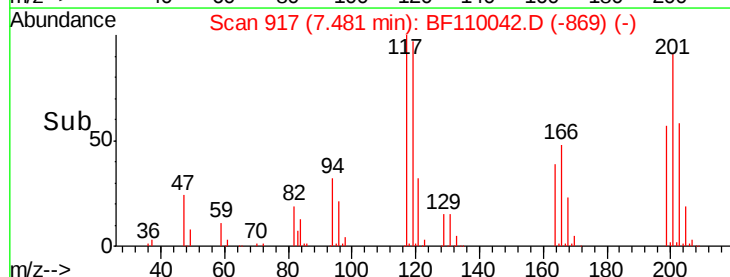
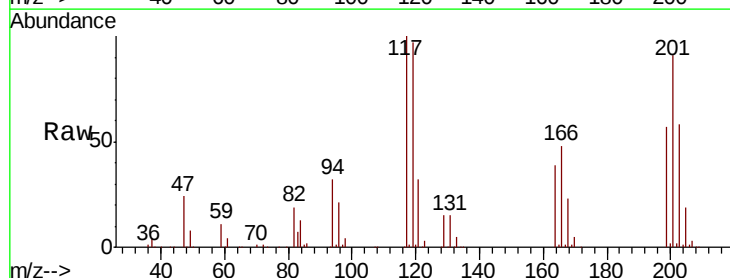
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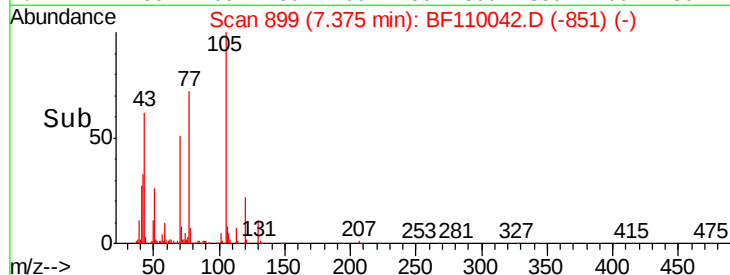
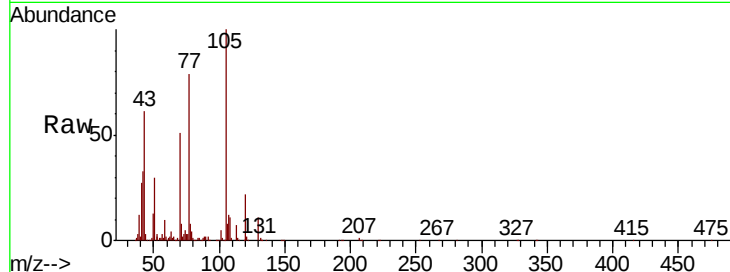
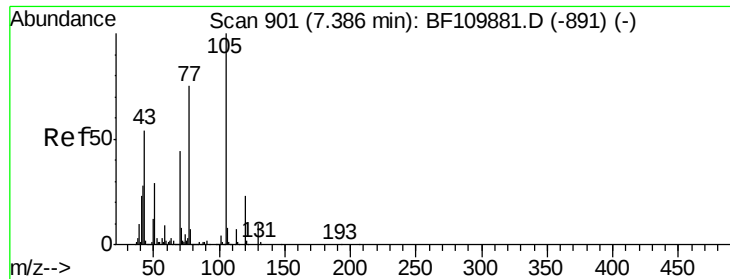
Sohil
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#18
Hexachloroethane
Concen: 41.718 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	75.0	112.6	
201	91.0	79.2	118.8	





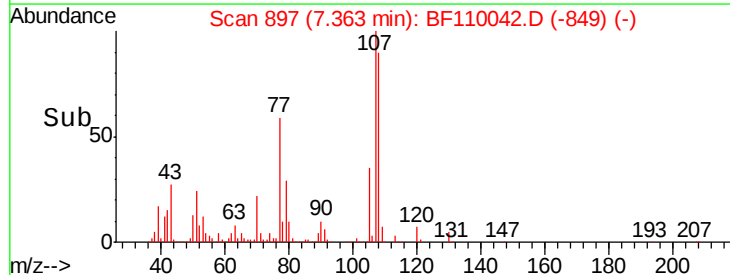
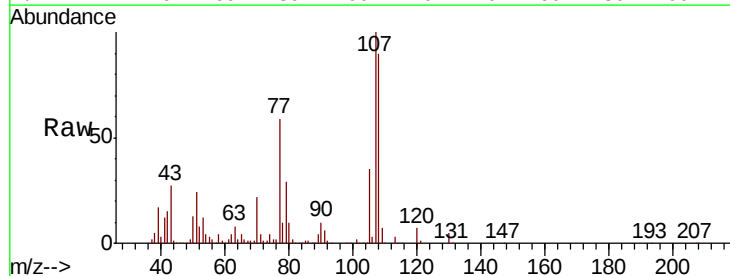
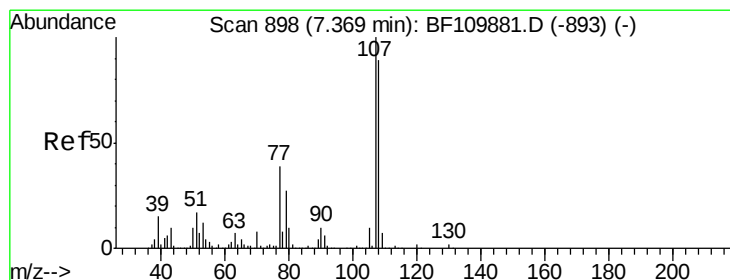
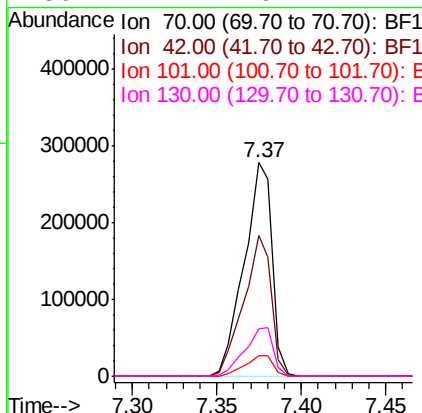
#19
n-Nitroso-di-n-propylamine
Concen: 38.328 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	70	Resp	321738
Ion Ratio	Lower	Upper	
70	100		
42	65.7	47.4	71.2
101	9.9	7.3	10.9
130	22.1	16.2	24.2

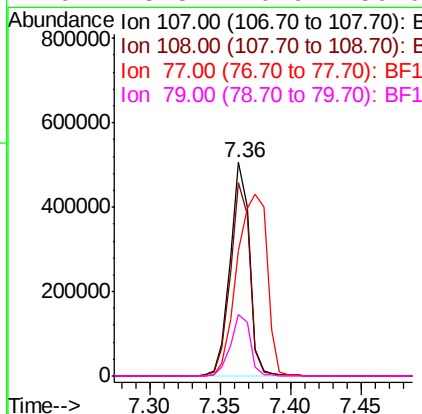
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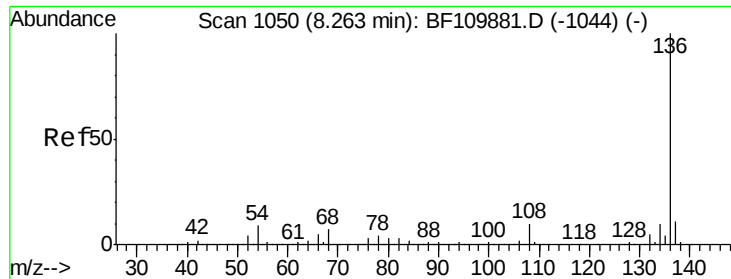
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#20
3+4-Methylphenols
Concen: 40.067 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	107	Resp	483528
Ion Ratio	Lower	Upper	
107	100		
108	90.2	71.4	111.4
77	58.7	47.3	87.3
79	28.8	10.9	50.9





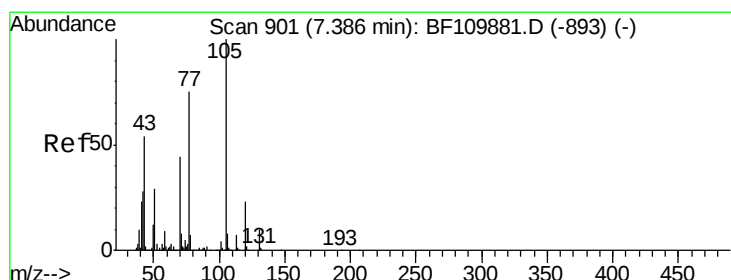
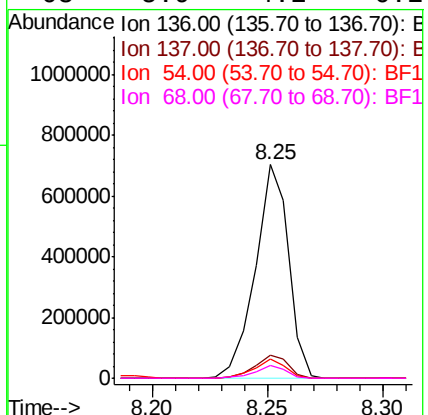
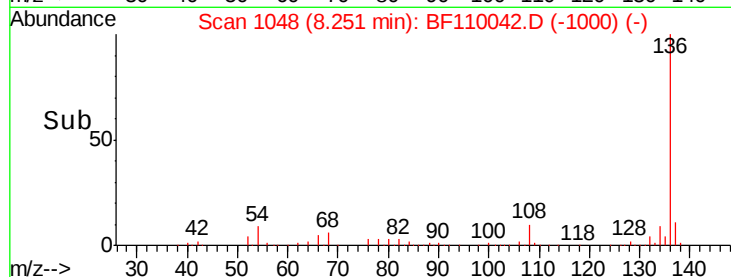
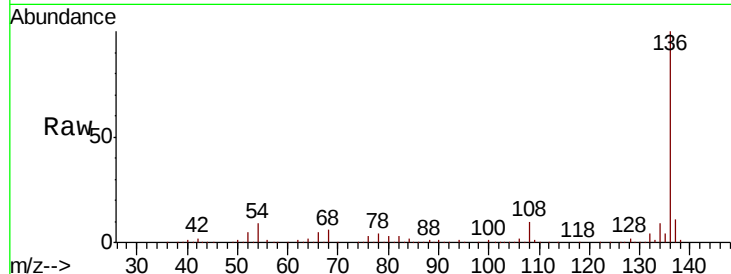
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleID :
PB114001BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.8	5.4	8.2#
68	5.9	4.2	6.2

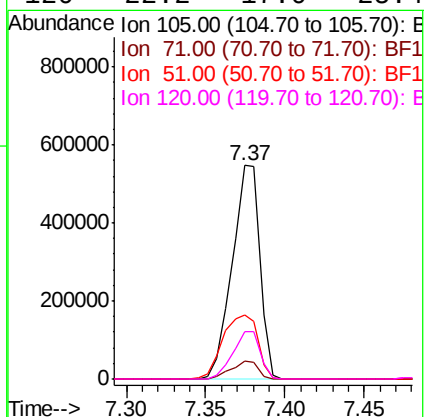
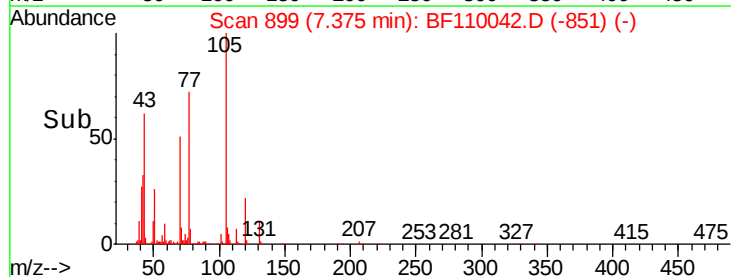
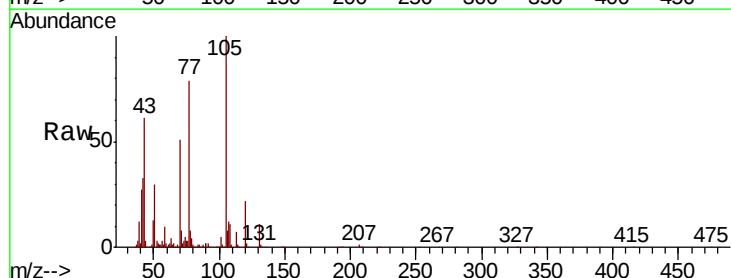
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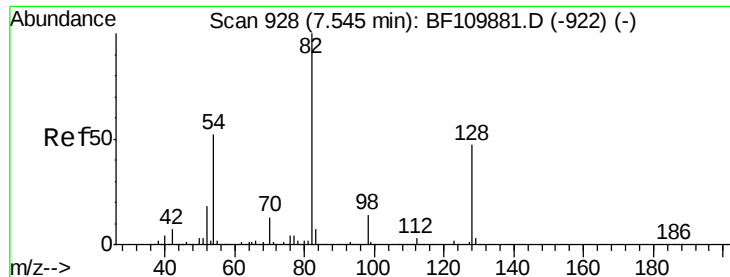
Sohil
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#22
Acetophenone
Concen: 40.222 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.3	5.2	7.8#
51	29.7	21.8	32.8
120	22.2	17.0	25.4





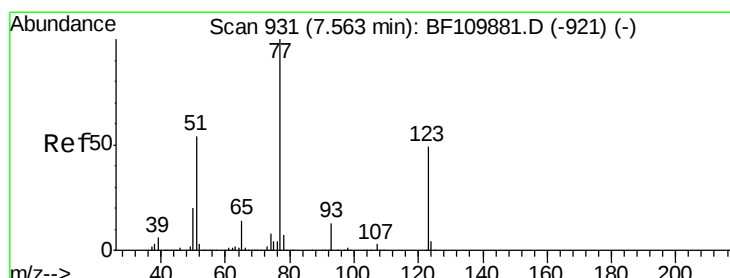
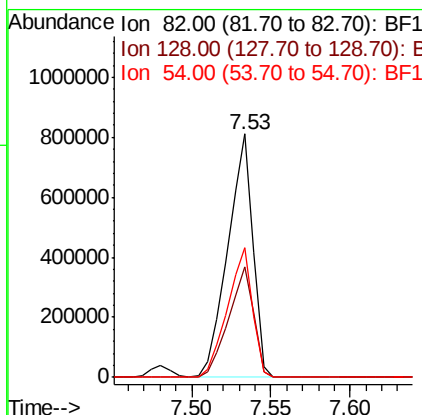
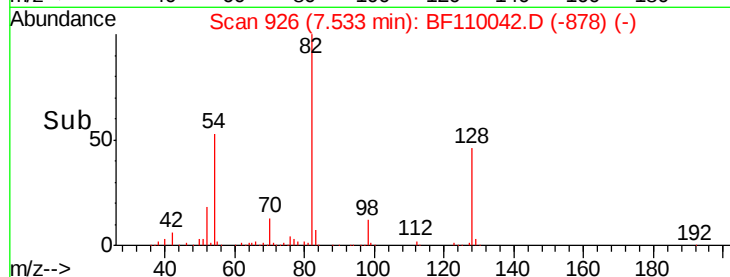
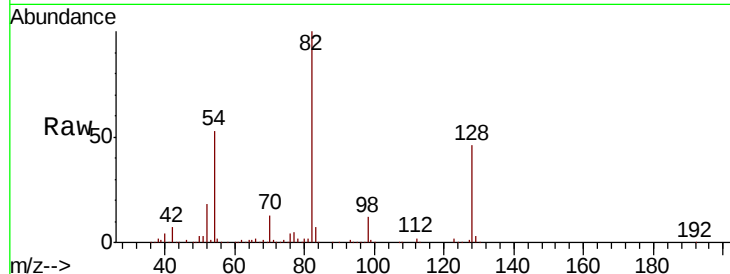
#23
Nitrobenzene-d5
Concen: 84.912 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	34.2	51.2	
54	53.1	38.6	58.0	

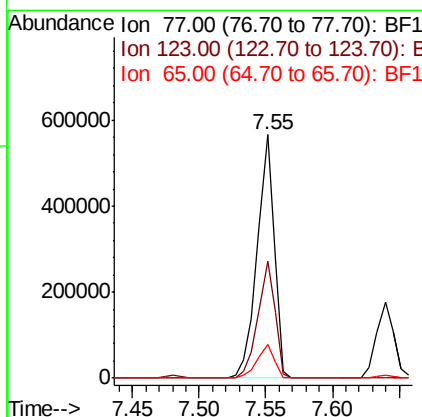
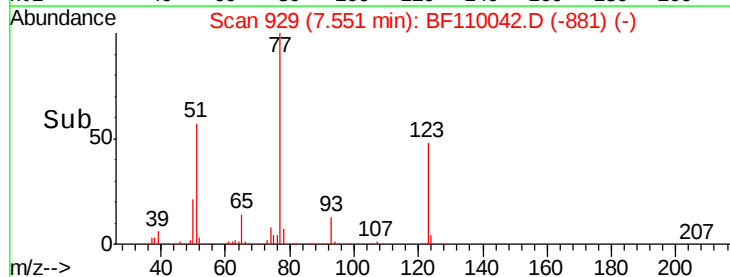
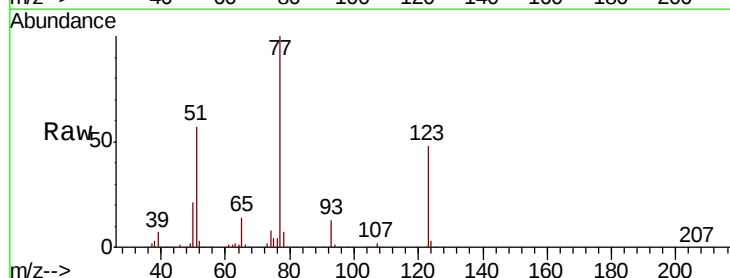
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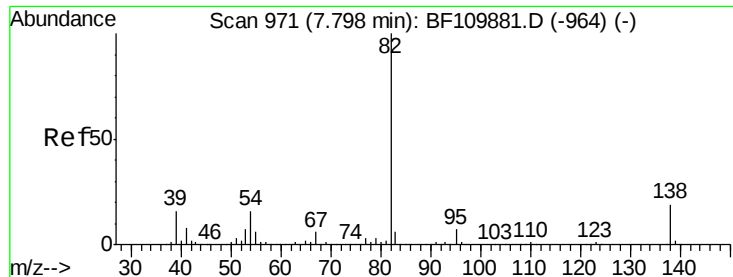
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#24
Nitrobenzene
Concen: 43.383 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.3	35.7	53.5	
65	14.1	10.7	16.1	





#25

Isophorone

Concen: 43.784 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

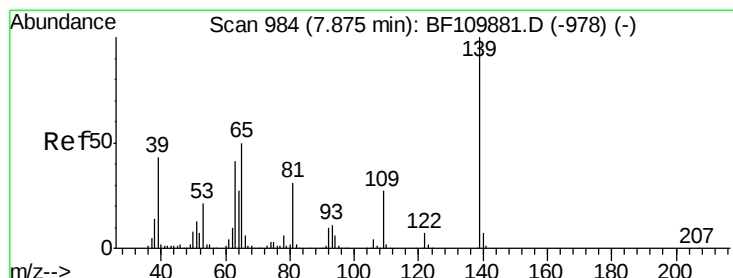
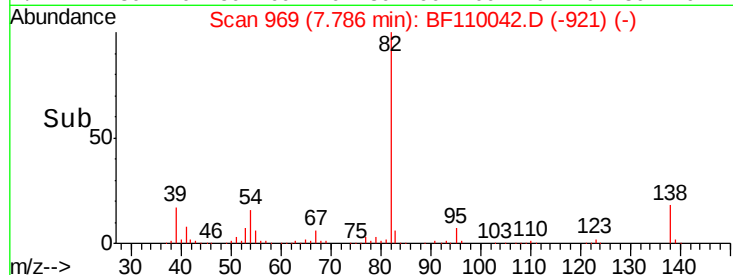
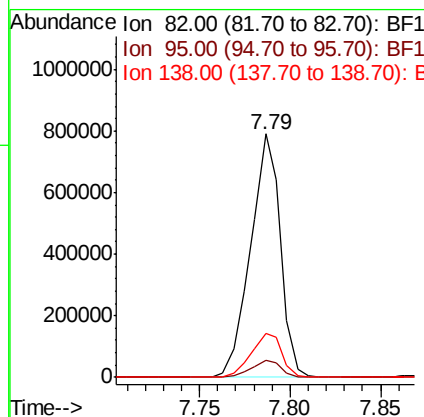
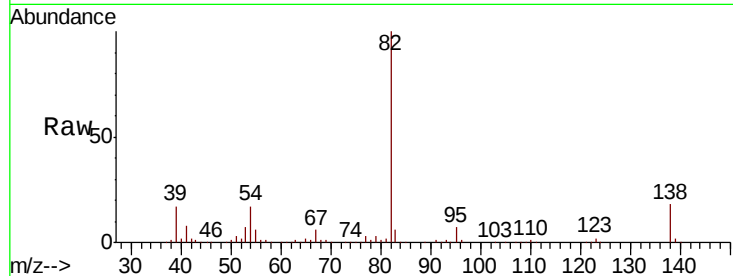
ClientSampleId :

PB114001BSD

Tot Ion:	82	Resp:	901878
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	17.8	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.316 ng

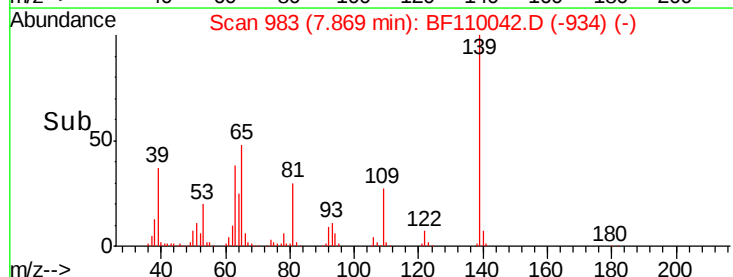
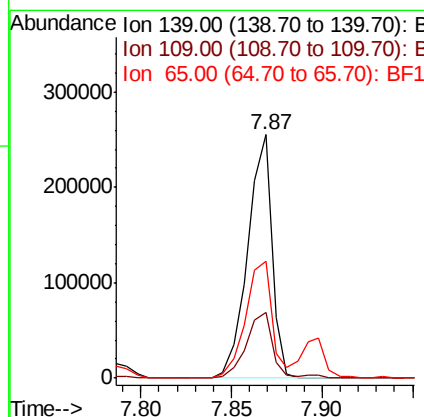
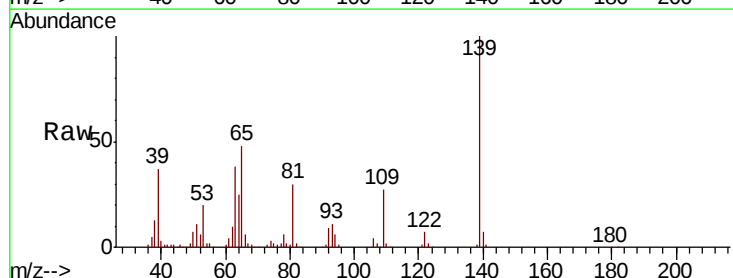
RT: 7.87 min Scan# 983

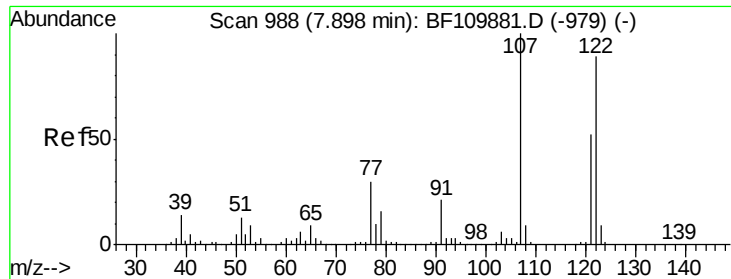
Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Tgt Ion:	139	Resp:	237584
Ion Ratio	Lower	Upper	
139	100		
109	27.2	25.0	37.6
65	48.0	44.0	66.0





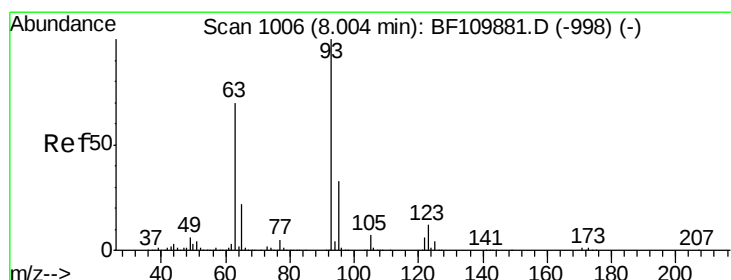
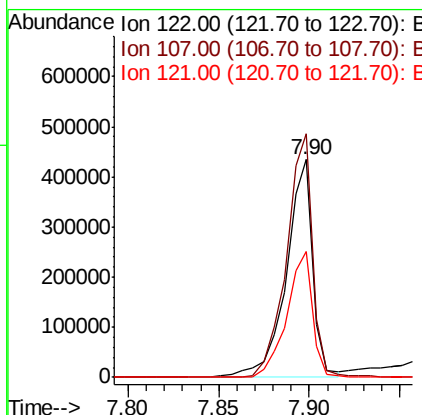
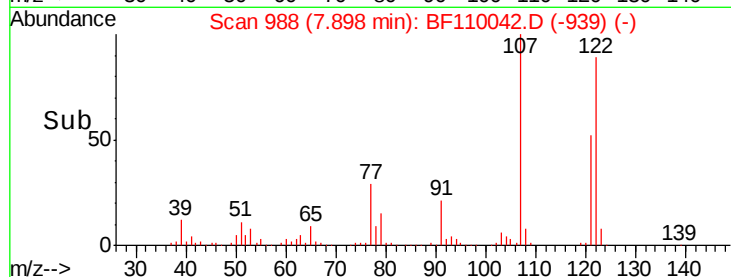
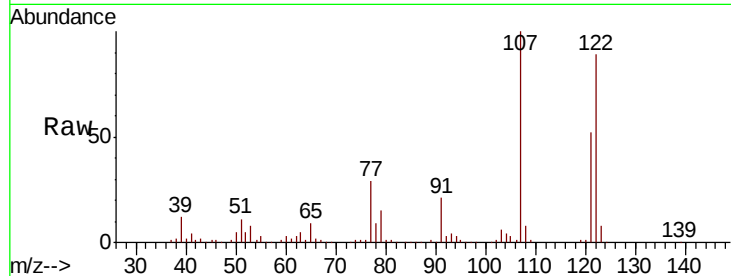
#27
2,4-Dimethylphenol
Concen: 44.853 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	92.5	138.7
121	58.0	45.8	68.8

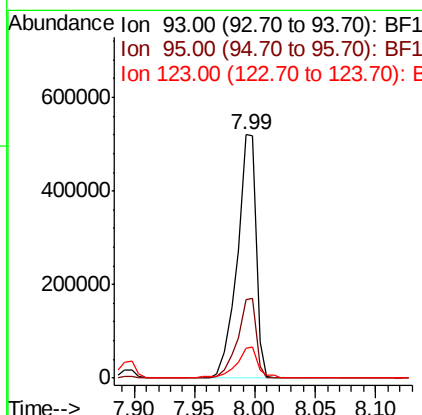
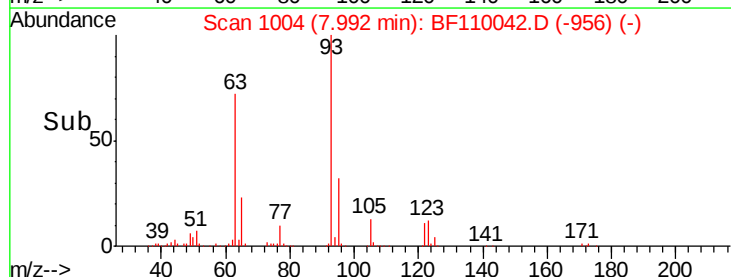
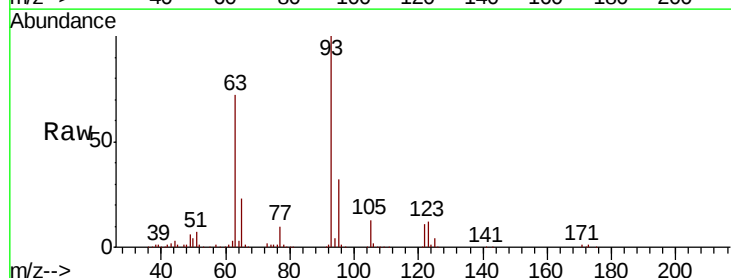
Manual Integrations
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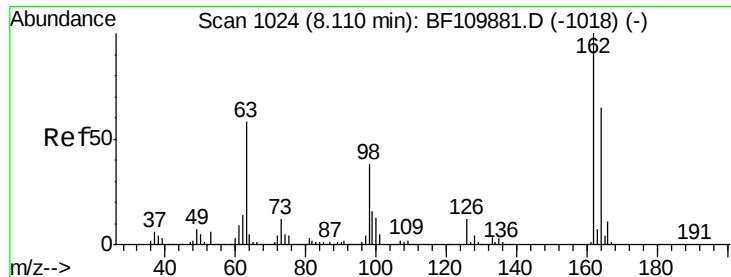
Sohil
10/23/2018 2:18:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.212 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.4	9.0	13.6





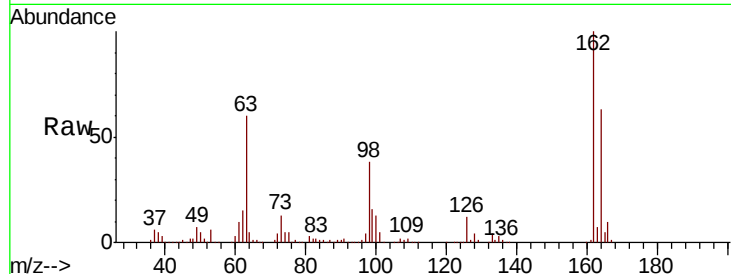
#29
2,4-Dichlorophenol
Concen: 41.477 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleID :
PB114001BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	399203		
164	63.2	44.6	84.6	
98	38.1	17.4	57.4	

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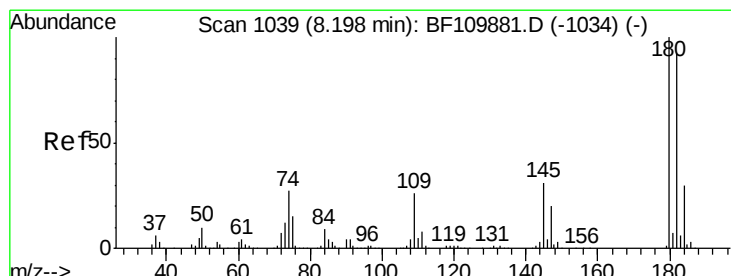
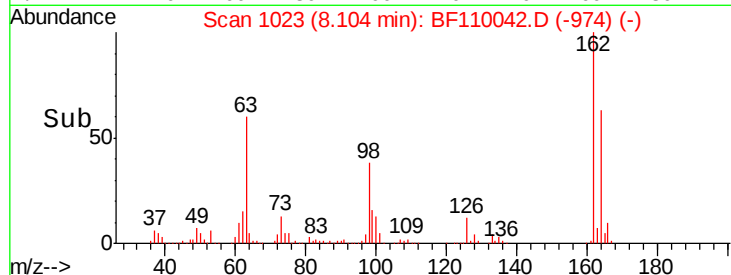
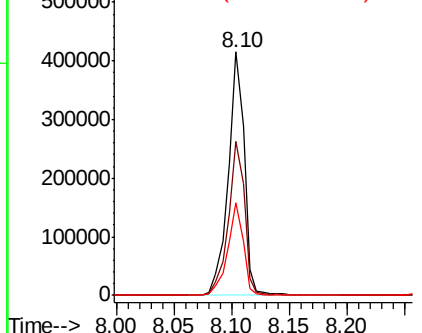


Abundance

Ion 162.00 (161.70 to 162.70): E

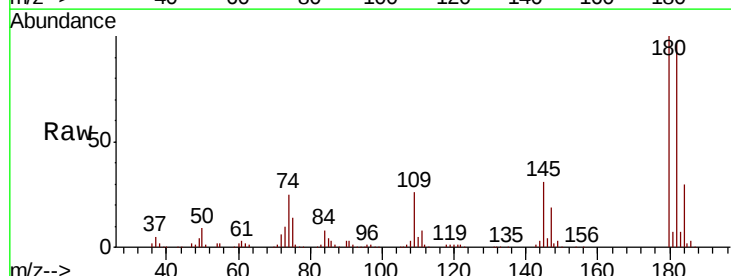
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.107 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	432220		
182	96.6	80.3	120.5	
145	30.7	25.4	38.0	

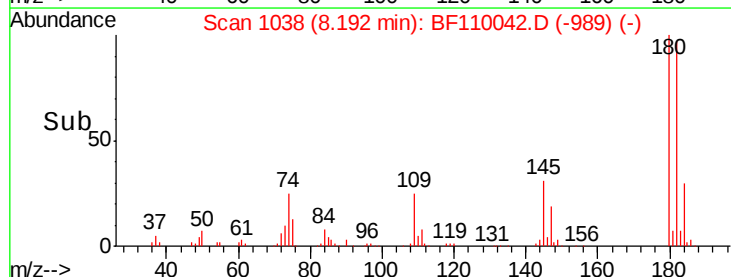
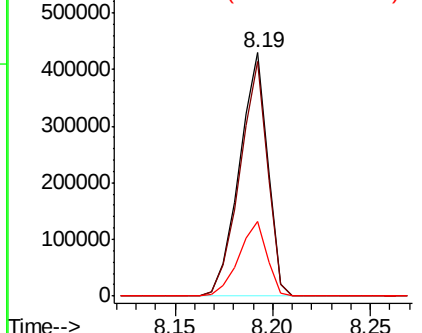


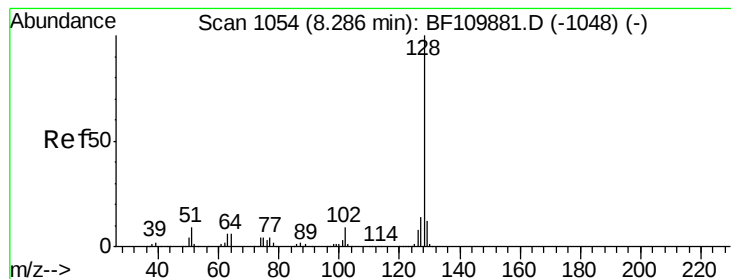
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.771 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

ClientSampleId :

PB114001BSD

Tot Ion:128 Resp: 1385040

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

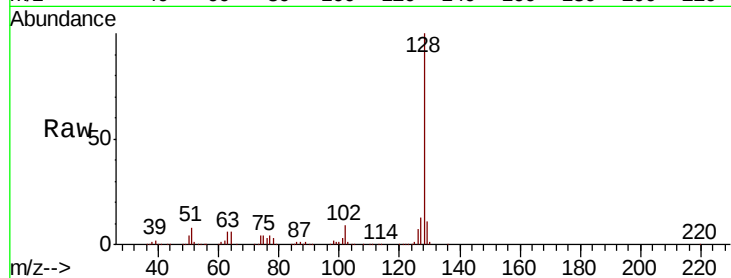
127 13.2 10.8 16.2

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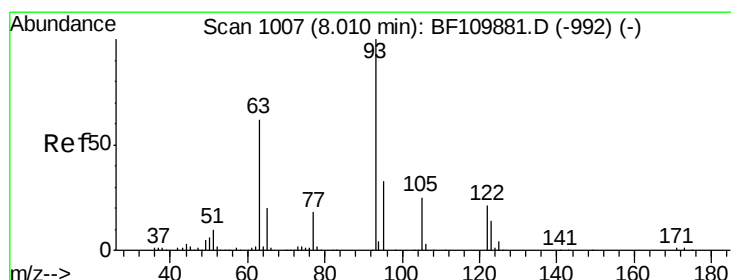
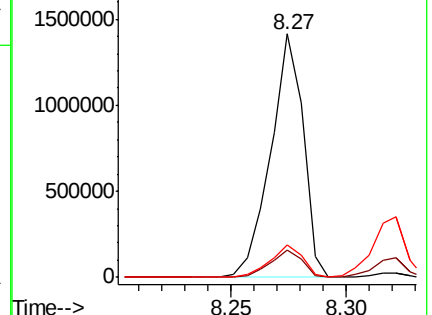
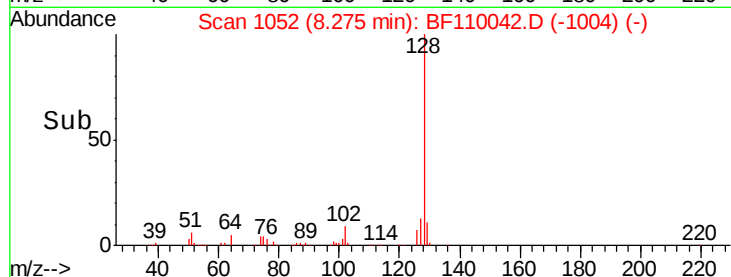
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.942 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

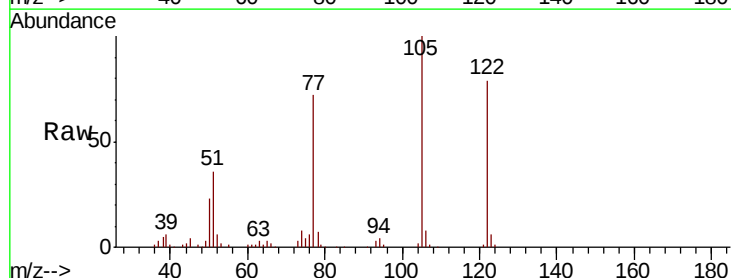
Tgt Ion:122 Resp: 259277

Ion Ratio Lower Upper

122 100

105 127.1 109.0 149.0

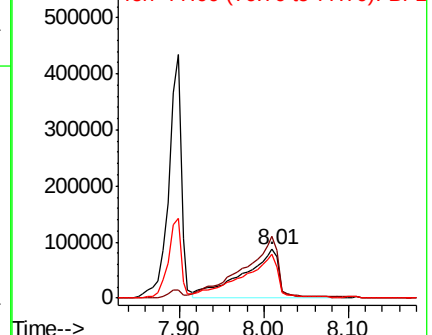
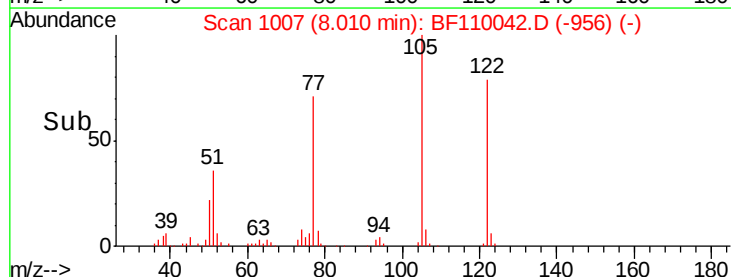
77 91.3 79.0 119.0

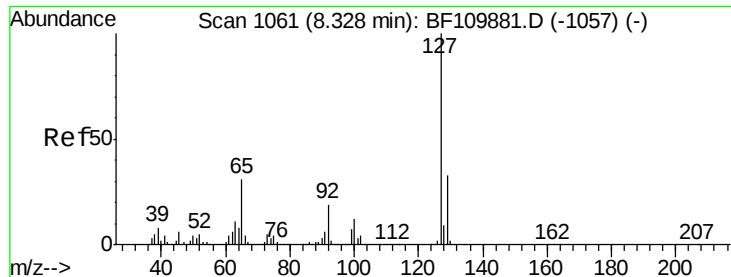


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





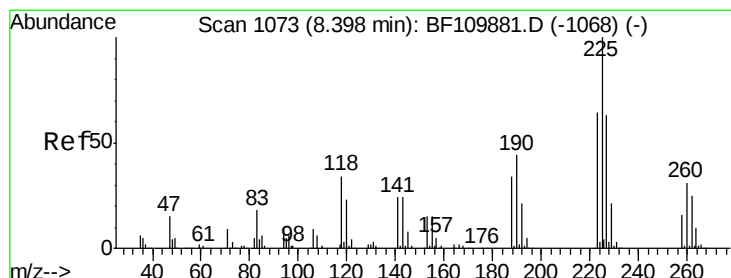
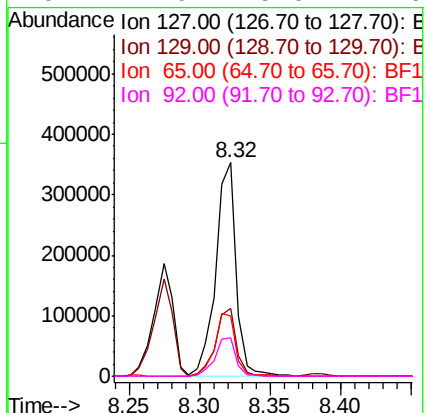
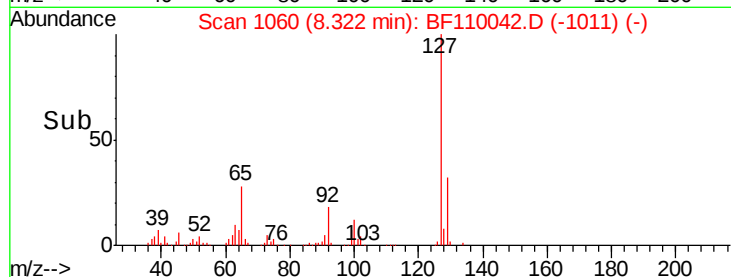
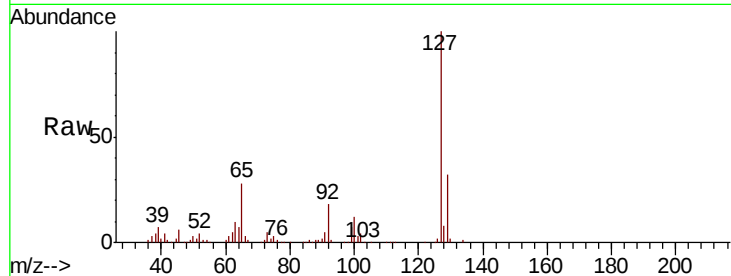
#33
4-Chloroaniline
Concen: 24.416 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.0	39.0		
65	28.3	25.1	37.7		
92	17.9	15.0	22.6		

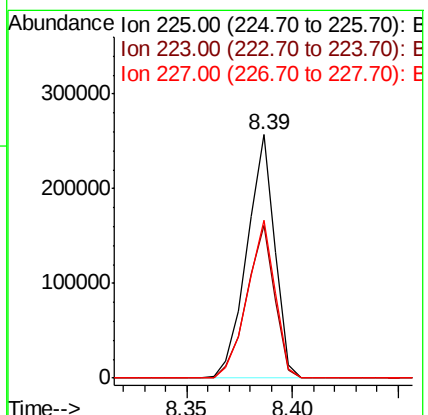
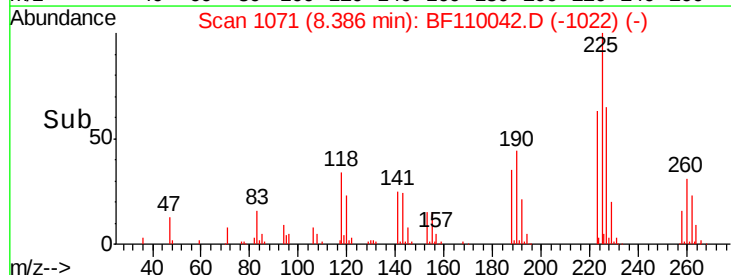
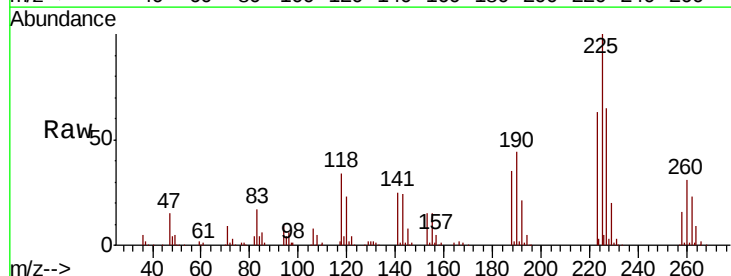
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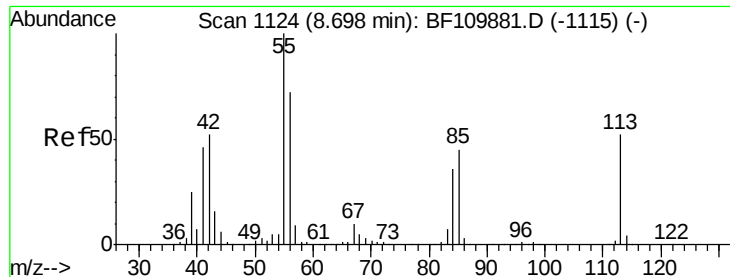
Sohil
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#34
Hexachlorobutadiene
Concen: 39.574 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.4	77.2		
227	64.6	51.0	76.6		





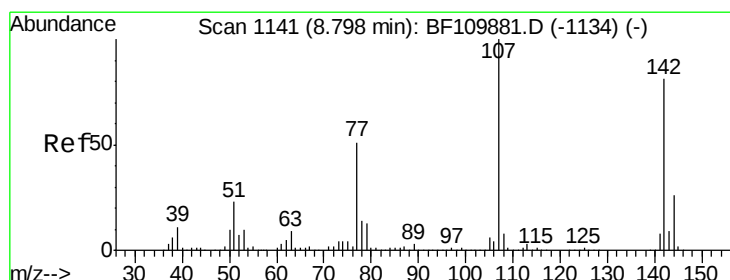
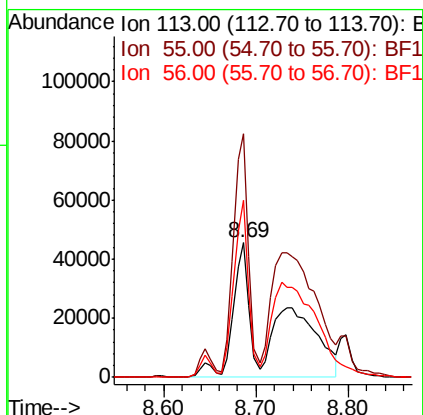
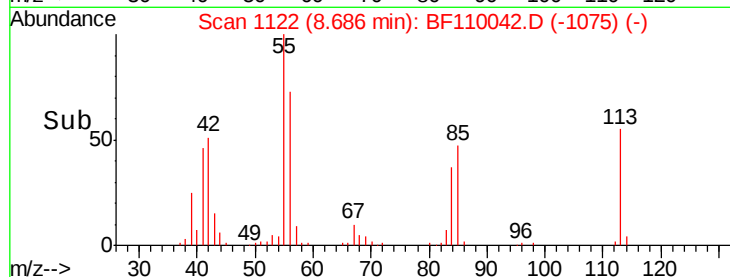
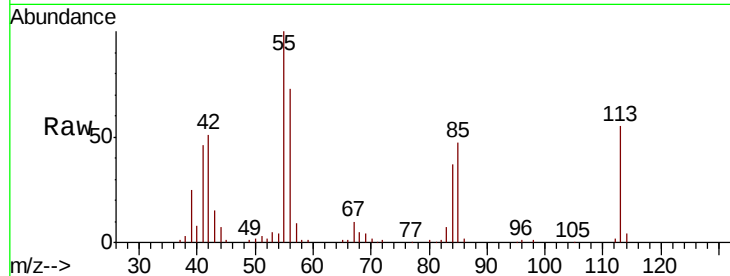
#35
Caprolactam
Concen: 39.296 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleID :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.1	142.8	182.8
56	131.5	105.0	145.0

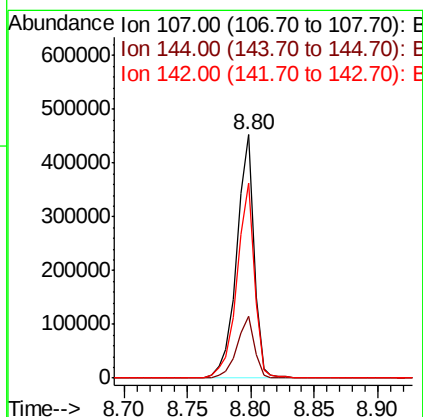
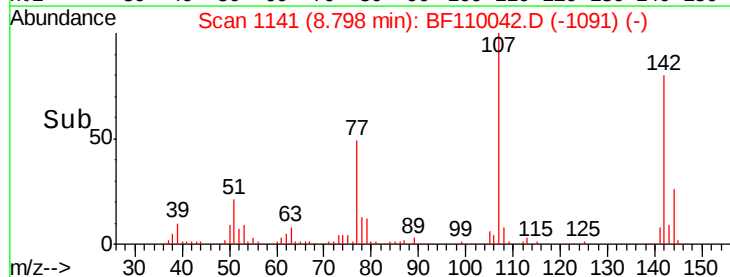
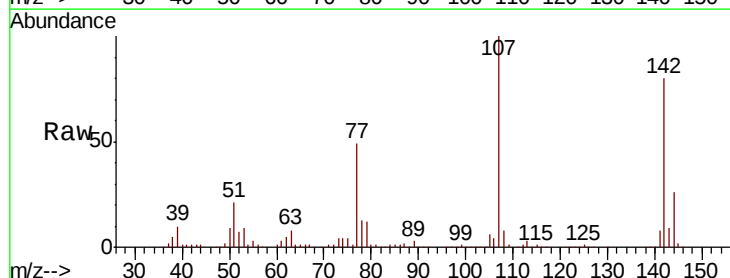
Manual Integrations
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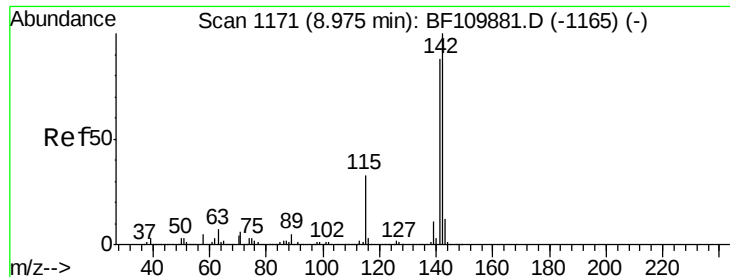
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 42.137 ng/ml
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.0	30.0
142	80.3	59.7	89.5





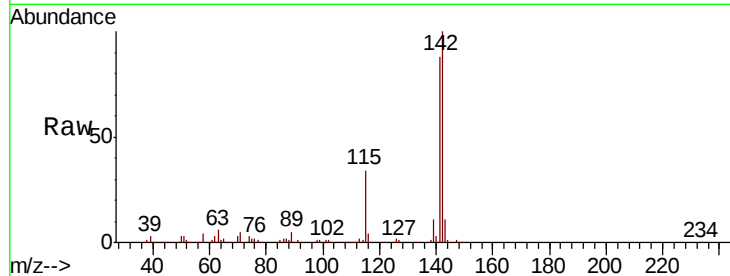
#37
2-Methylnaphthalene
Concen: 45.492 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleID :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	33.8	28.7	43.1

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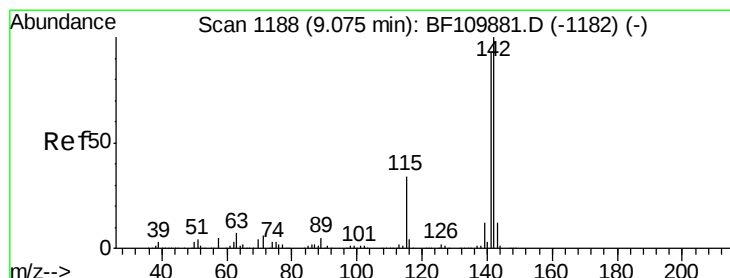
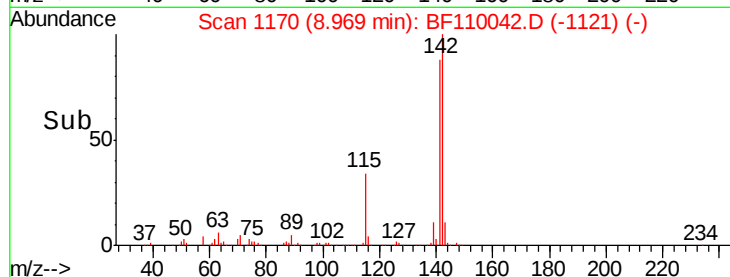
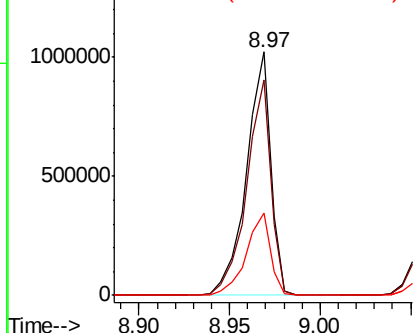


Abundance

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: 44.130 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

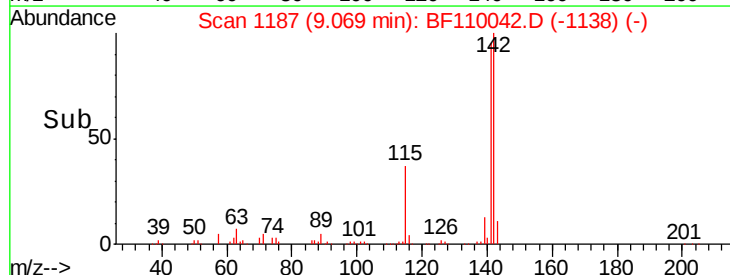
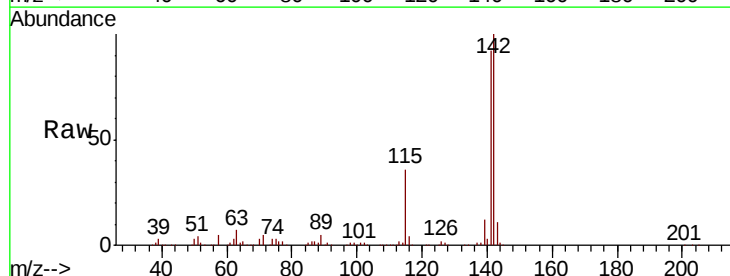
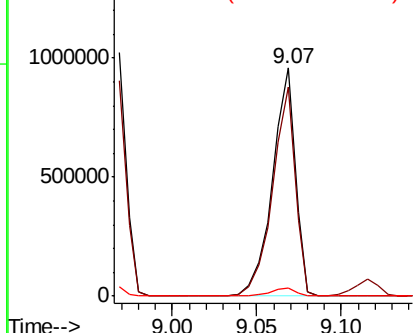
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4
116	3.6	2.6	4.0

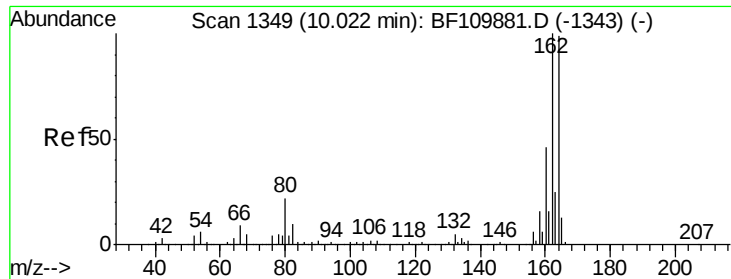
Abundance

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





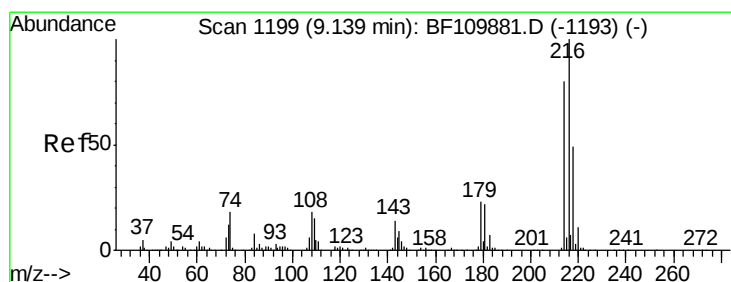
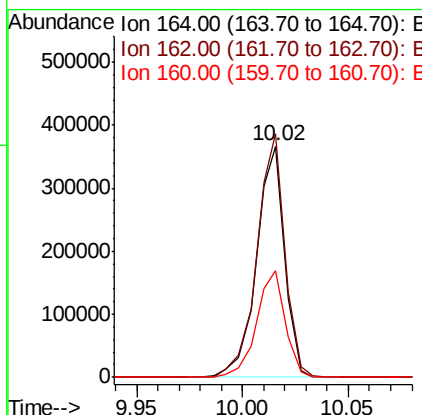
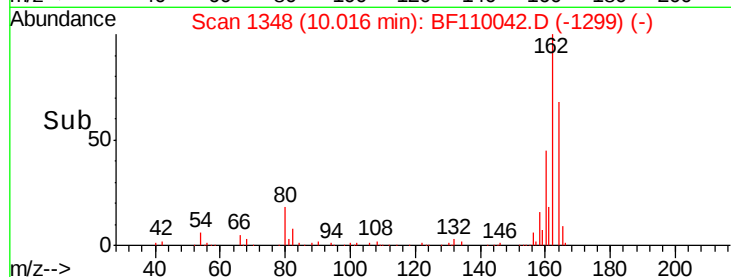
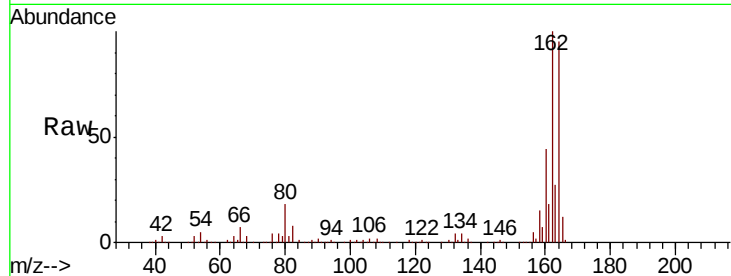
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	46.4	37.0	55.6

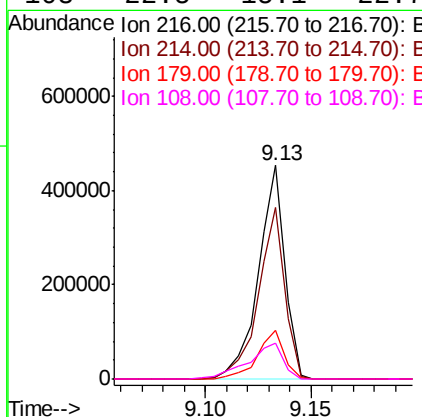
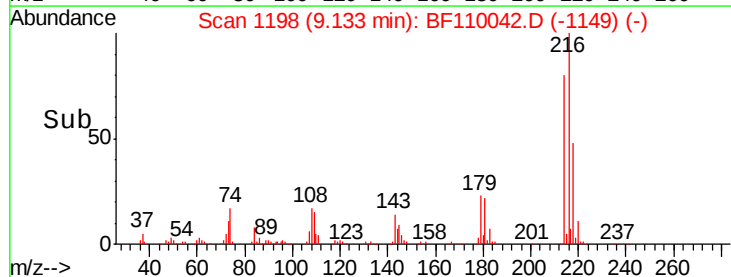
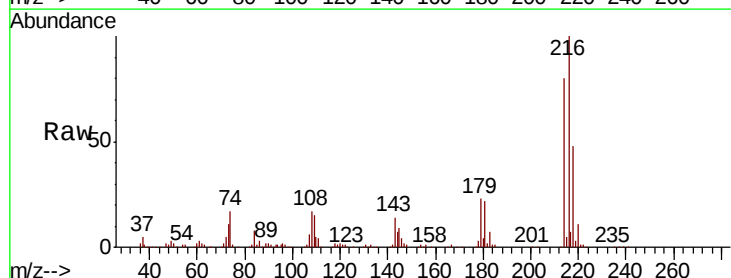
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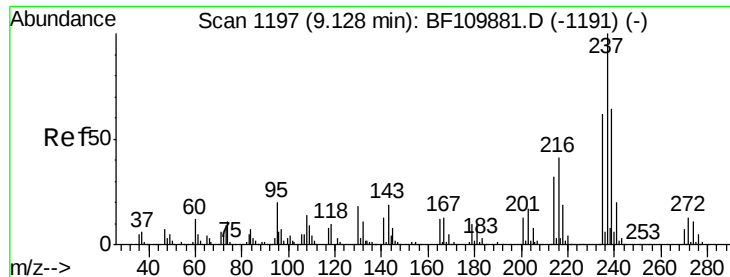
Sohil
10/23/2018 2:18:34 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.013 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	22.9	16.6	25.0
108	22.5	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 100.960 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

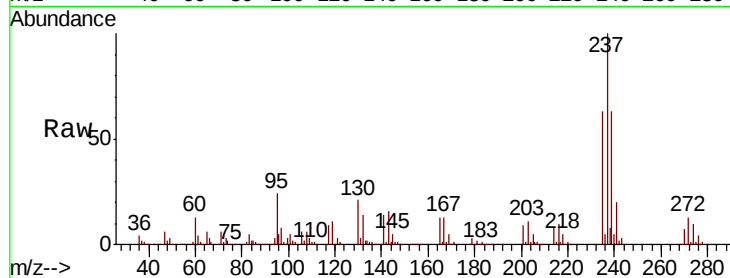
ClientSampleId :

PB114001BSD

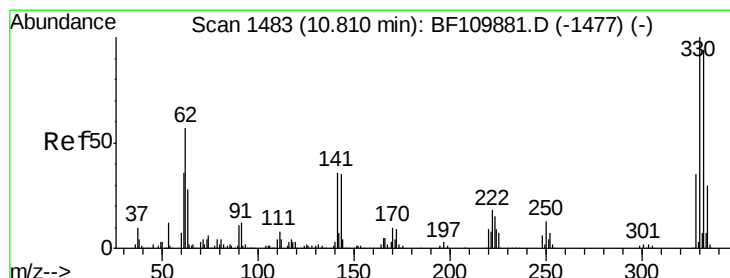
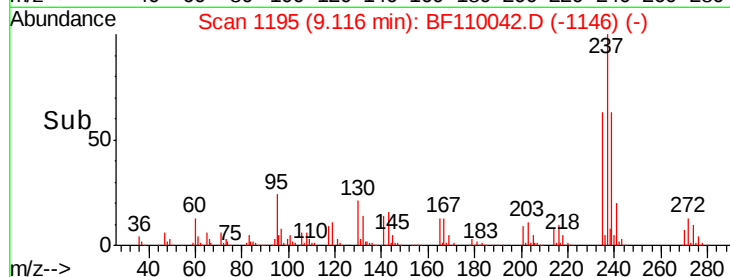
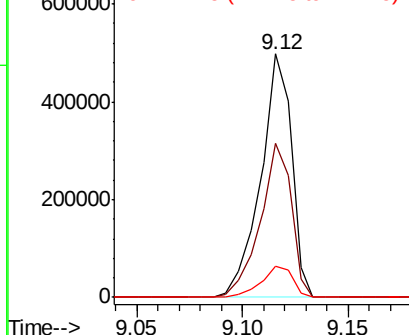
Tot Ion:	237	Resp:	506902
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.1	83.1
272	12.7	0.0	32.6

Manual Integrations
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10/23/2018 2:18:34 PM



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



#42

2,4,6-Tribromophenol

Concen: 149.013 ng

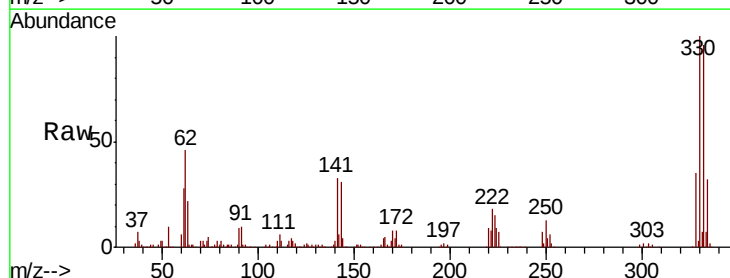
RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

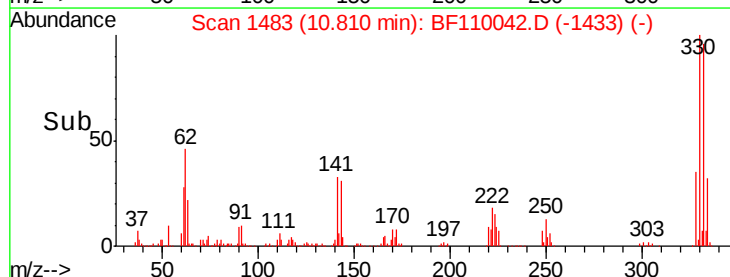
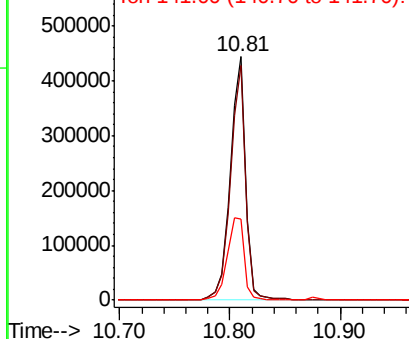
Lab File: BF110042.D

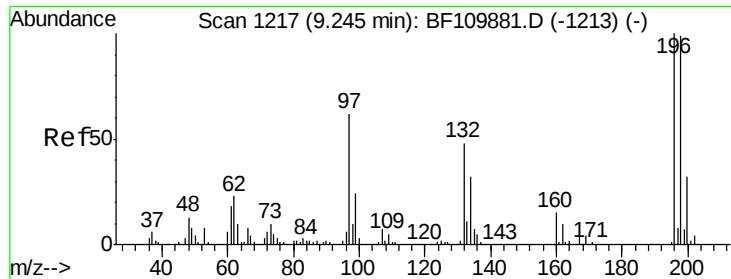
Acq: 22 Oct 2018 11:59

Tgt Ion:	330	Resp:	435708
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.1	115.7
141	37.6	27.0	40.4



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





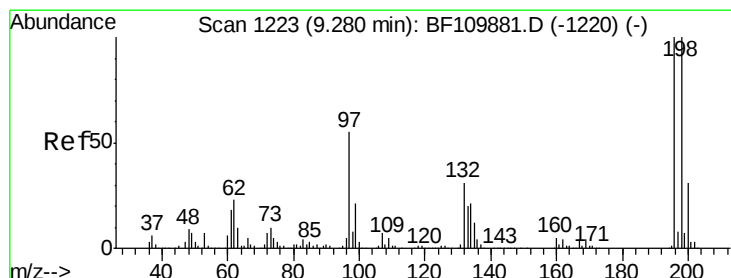
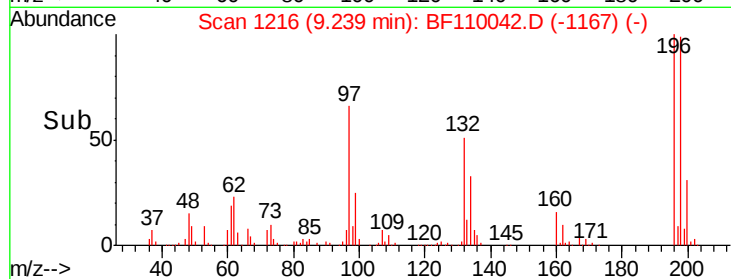
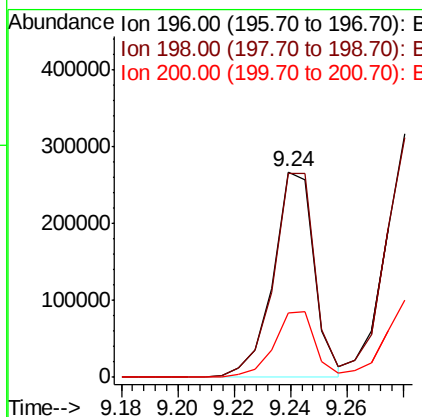
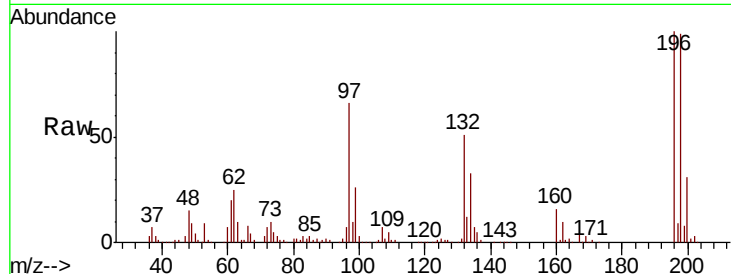
#43
 2,4,6-Trichlorophenol
 Concen: 41.456 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	269649		
198	99.4	76.2	114.4	
200	31.4	24.4	36.6	

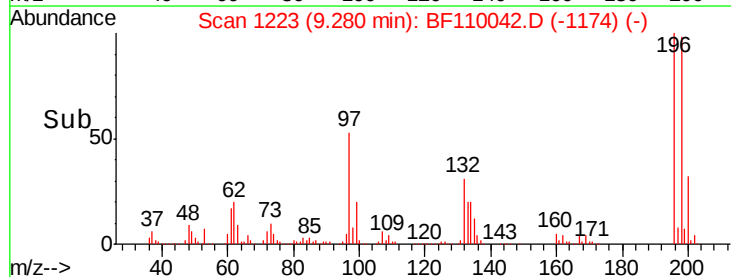
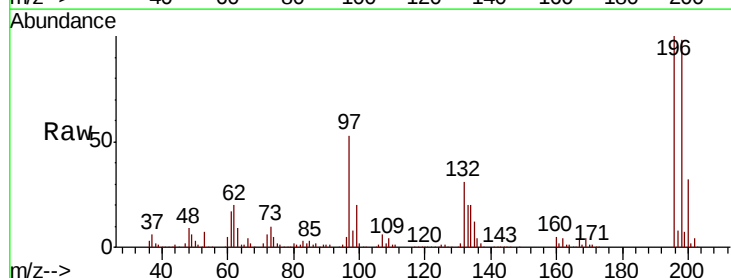
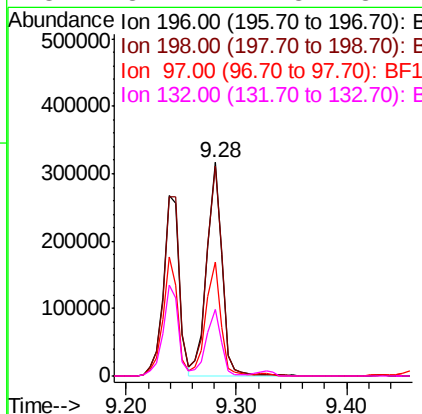
Manual Integrations
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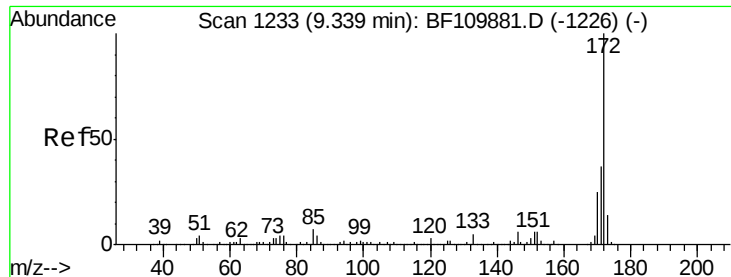
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 43.517 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293780		
198	98.4	75.8	113.6	
97	53.2	42.4	63.6	
132	31.1	22.8	34.2	





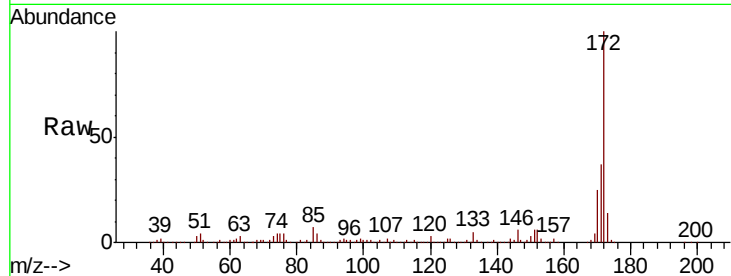
#45
2-Fluorobiphenyl
Concen: 78.985 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

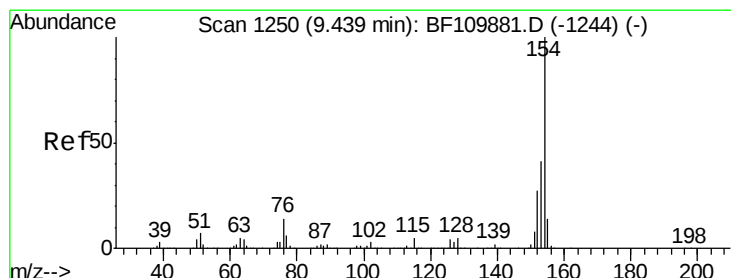
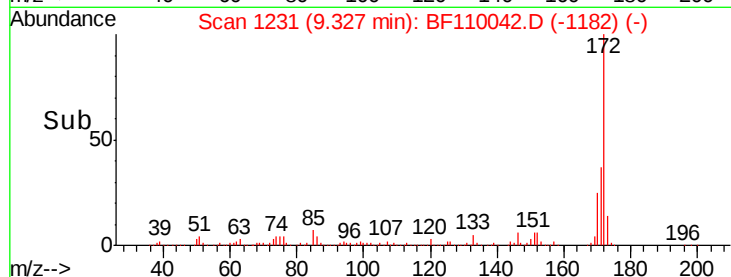
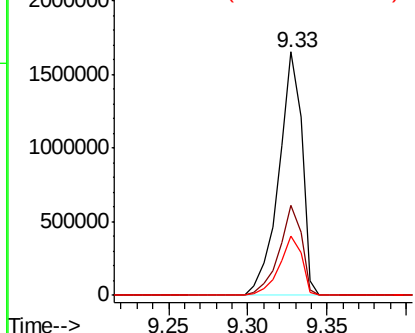
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.6	19.7	29.5

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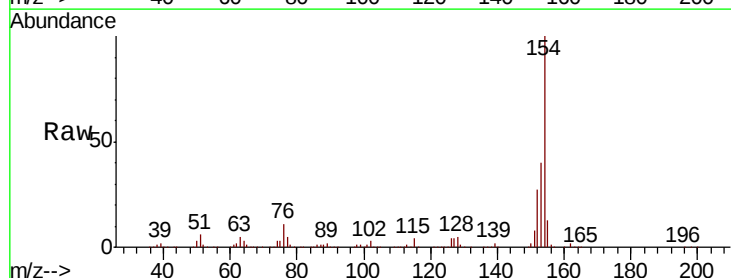


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

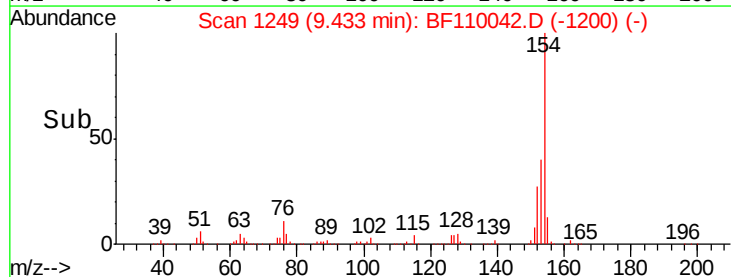
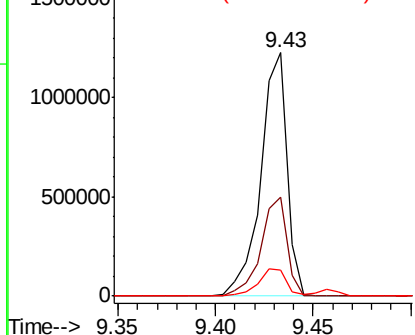


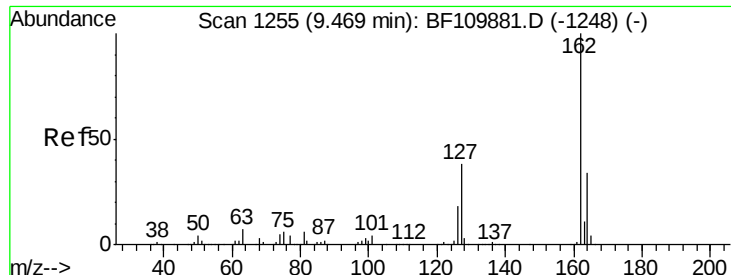
#46
1,1'-Biphenyl
Concen: 38.134 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.4	60.4
76	10.9	0.0	31.9



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





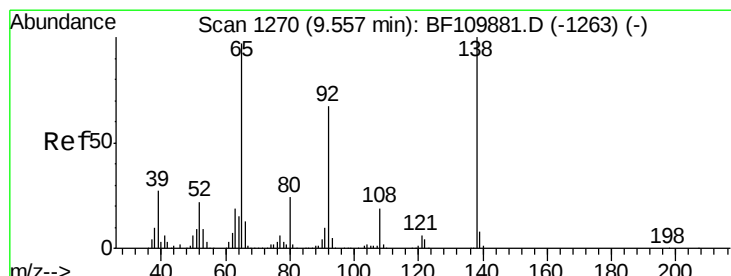
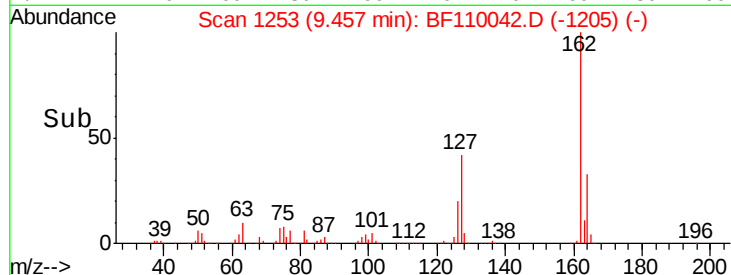
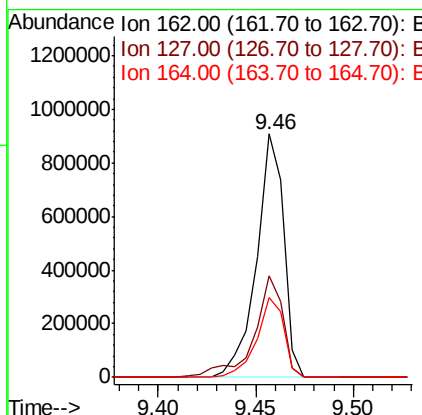
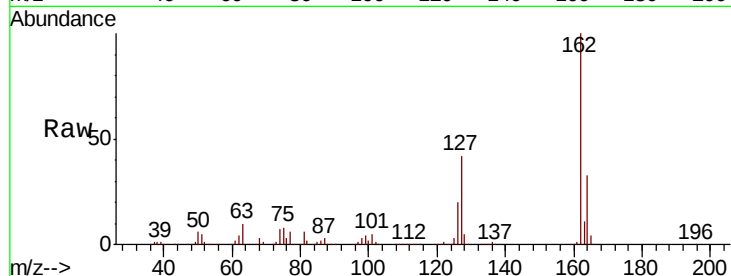
#47
 2-Chloronaphthalene
 Concen: 39.389 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	32.9	25.9	38.9

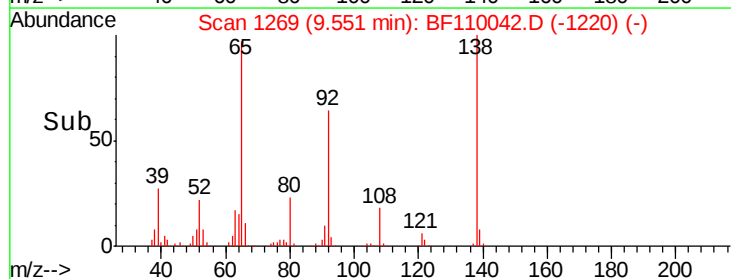
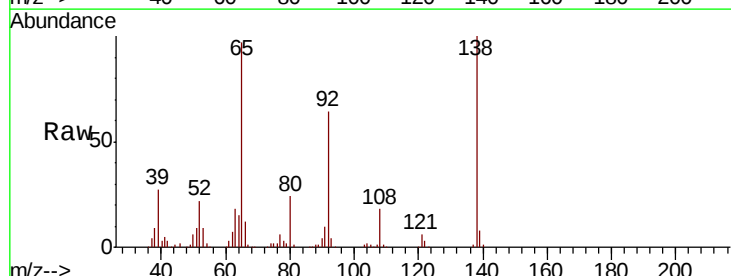
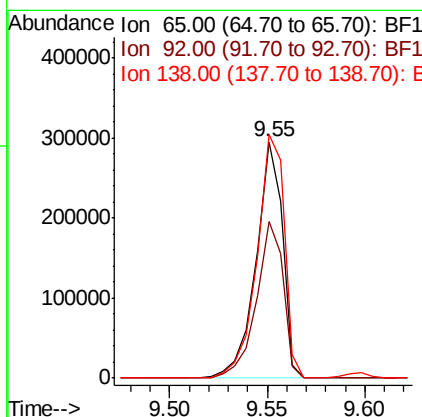
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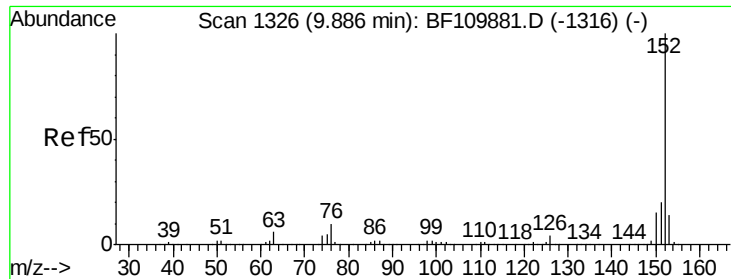
Sohil
 10/23/2018 2:18:34 PM



#48
 2-Nitroaniline
 Concen: 48.729 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	54.6	81.8
138	102.9	80.3	120.5





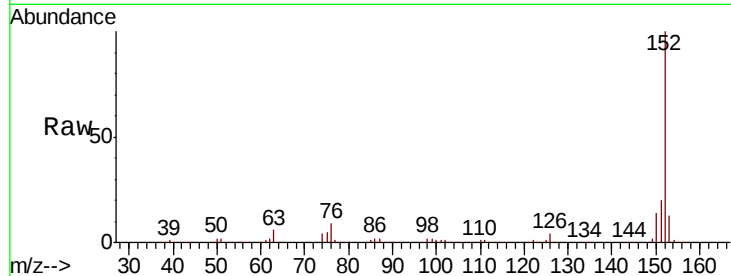
#49
Acenaphthylene
Concen: 43.240 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	10.4	15.6

Manual Integrations
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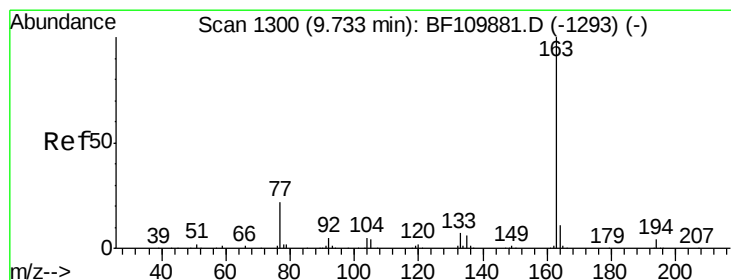
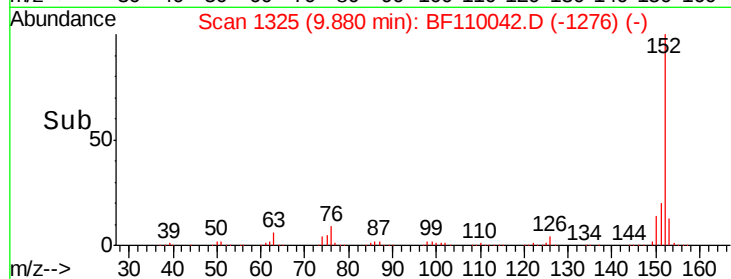
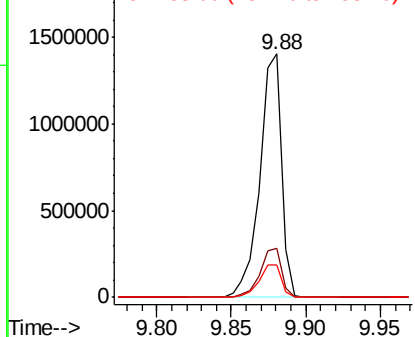


Abundance

Ion 152.00 (151.70 to 152.70): E

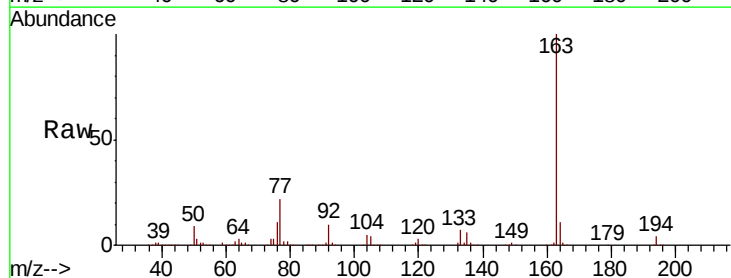
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 42.039 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.5	8.1	12.1

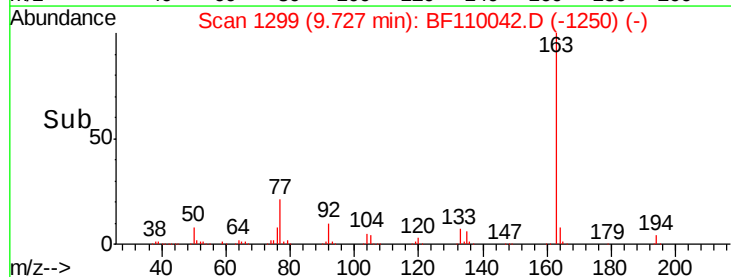
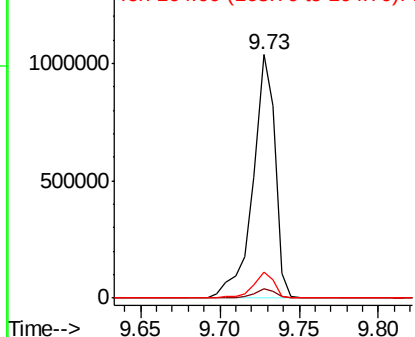


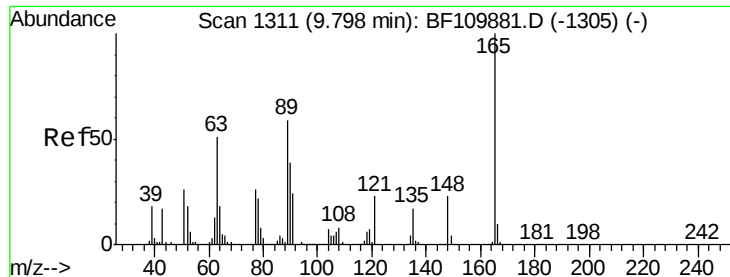
Abundance

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





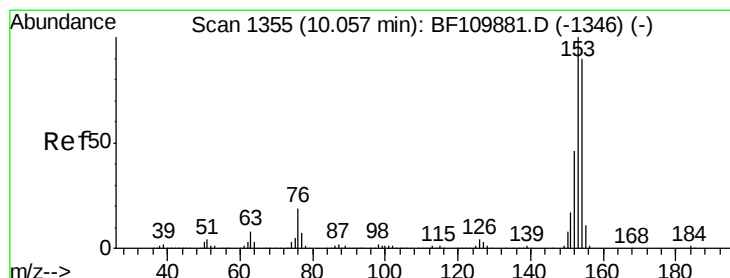
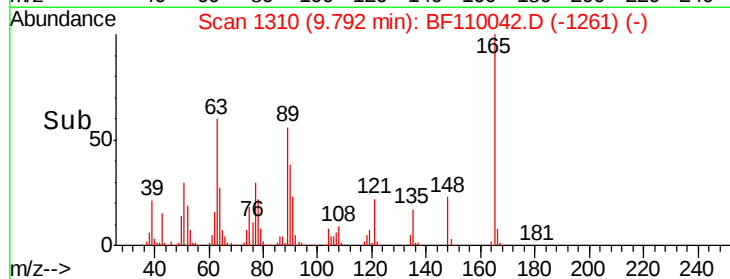
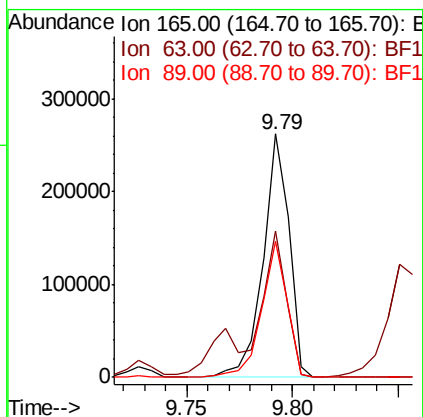
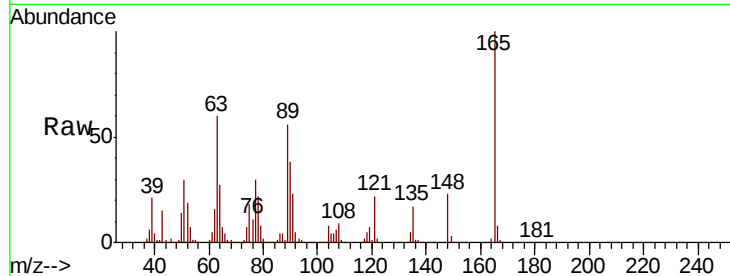
#51
 2,6-Dinitrotoluene
 Concen: 49.434 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	224538		
63	60.0	48.9	73.3	
89	56.1	46.6	69.8	

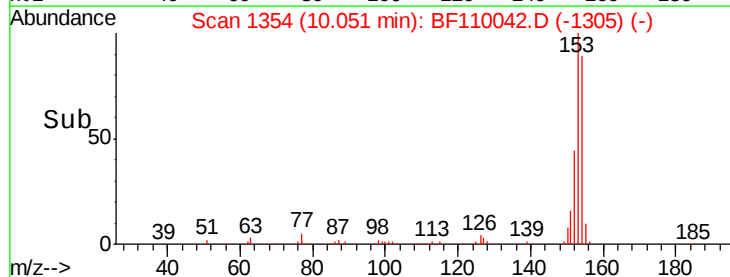
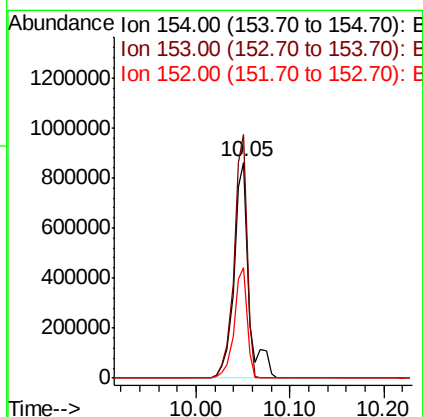
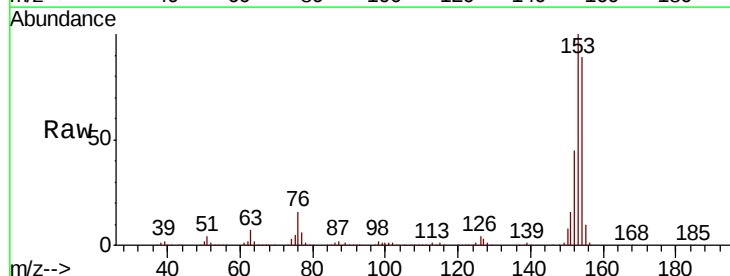
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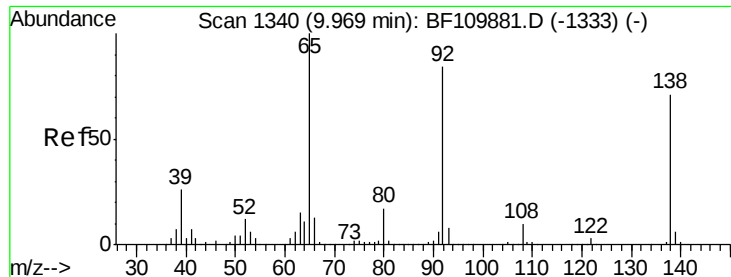
Sohil
 10/23/2018 2:18:34 PM



#52
 Acenaphthene
 Concen: 45.994 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	942863		
153	112.7	90.1	135.1	
152	50.9	43.4	65.2	





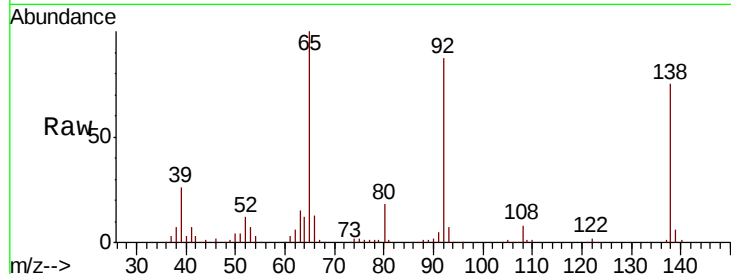
#53
3-Nitroaniline
Concen: 32.528 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	116.0	97.0	145.4

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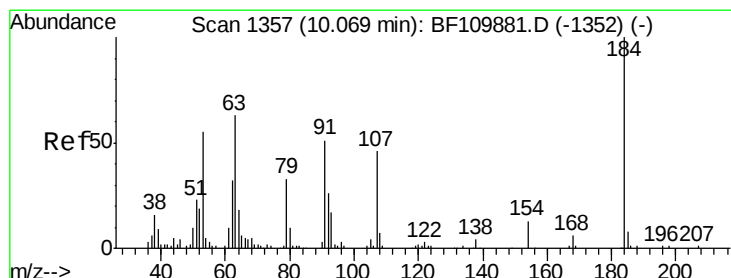
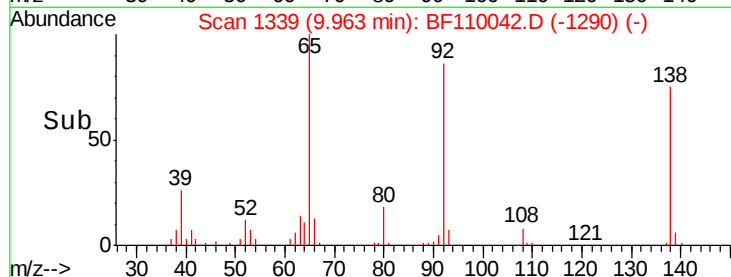
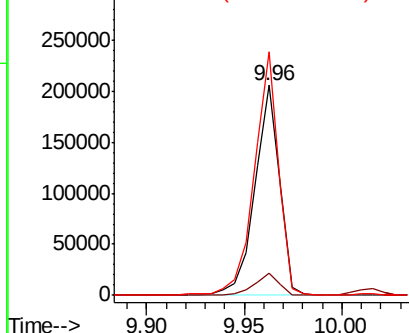


Abundance

Ion 138.00 (137.70 to 138.70): E

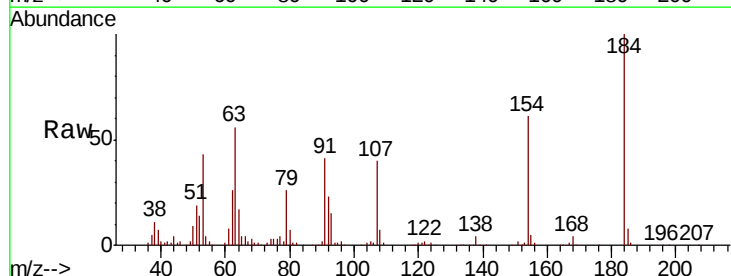
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 117.981 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.0	55.8	83.6
154	61.1	63.2	94.8#

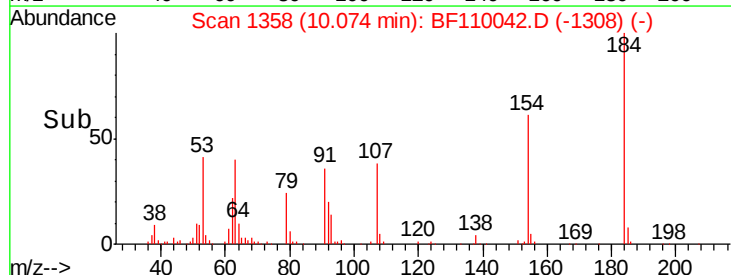
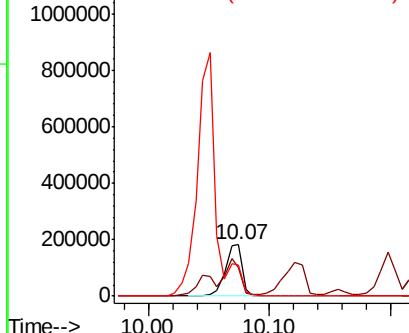


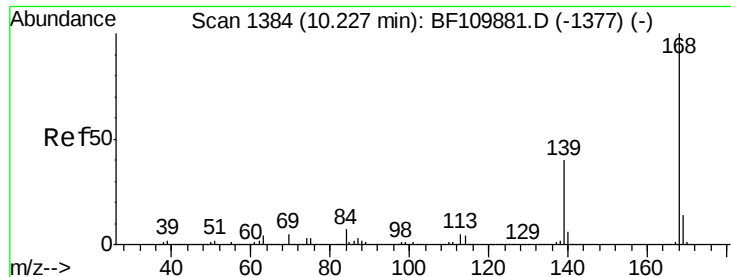
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





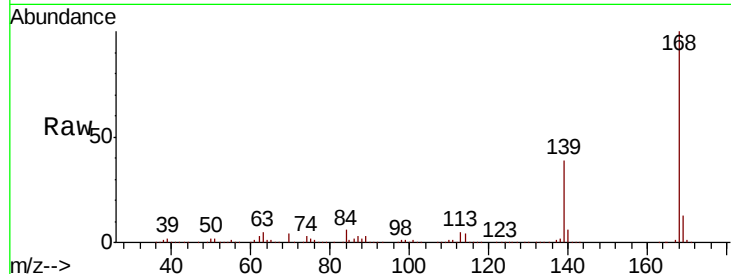
#55
Dibenzenofuran
Concen: 41.141 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.0	49.6
169	13.2	11.3	16.9

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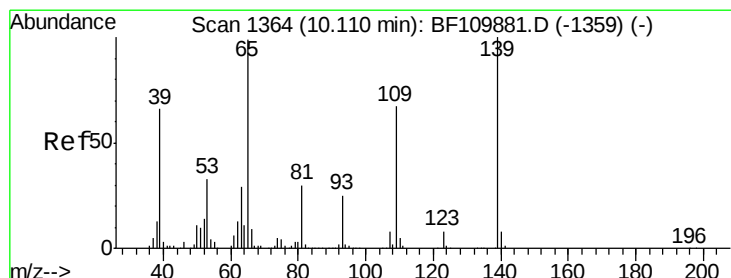
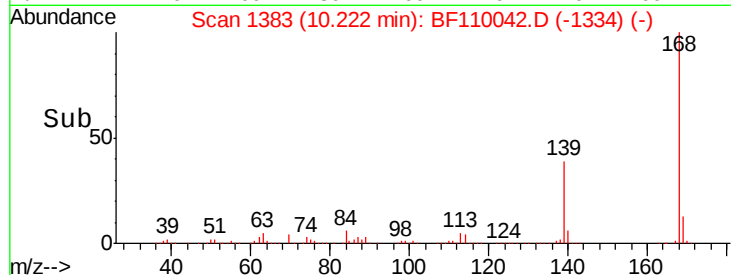
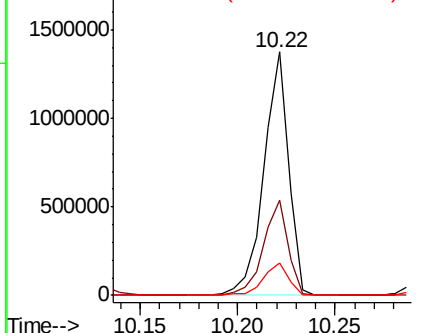


Abundance

Ion 168.00 (167.70 to 168.70): E

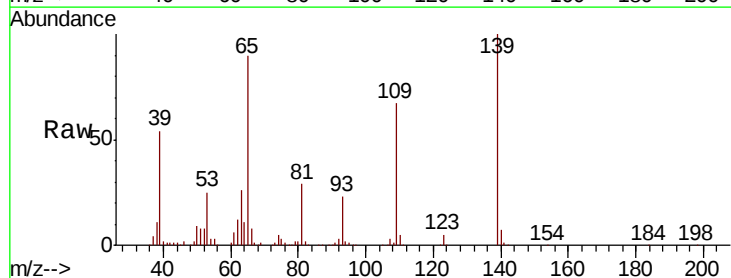
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 129.873 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.9	55.8	95.8
65	89.6	77.9	117.9

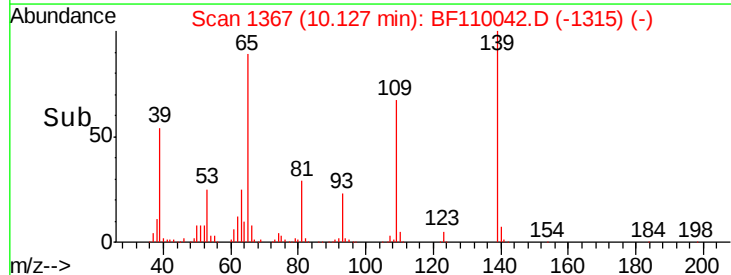
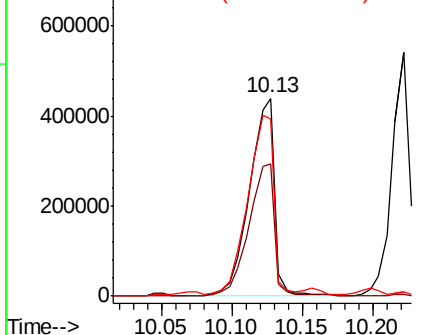


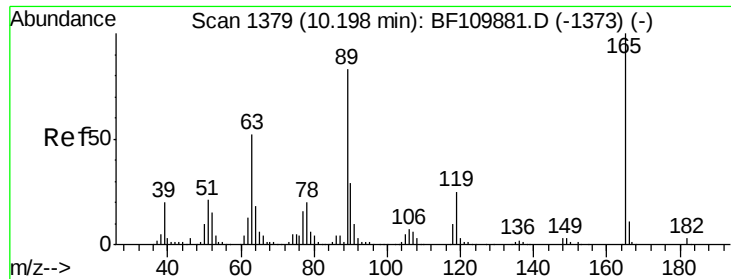
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





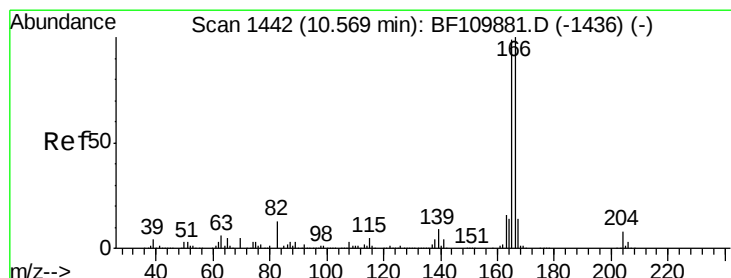
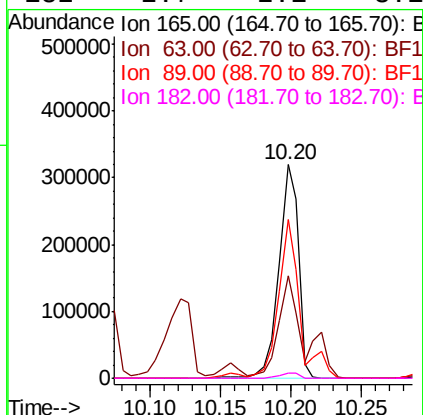
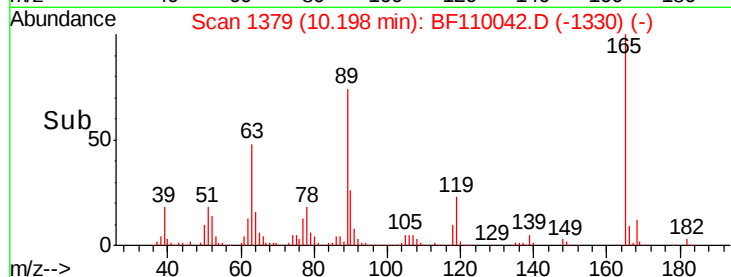
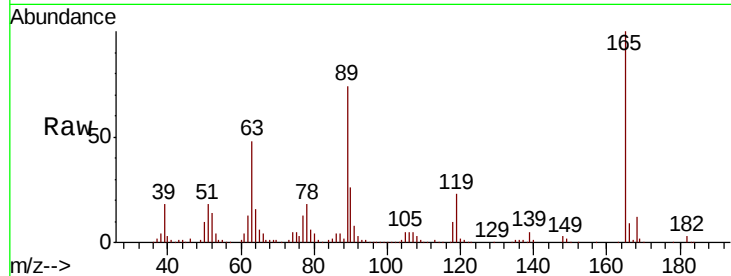
#57
2,4-Dinitrotoluene
Concen: 53.110 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		307819		
63	48.1		44.8	67.2	
89	74.5		62.2	93.4	
182	2.7		2.1	3.1	

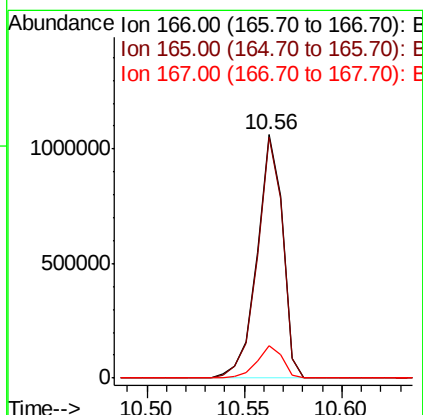
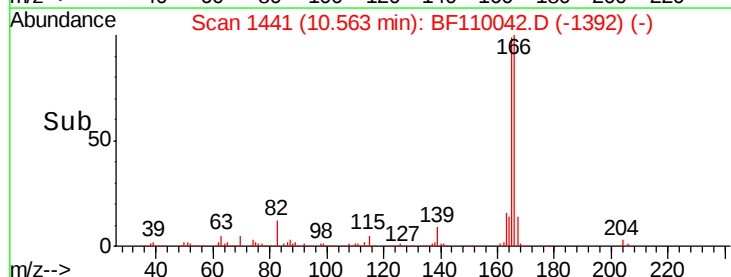
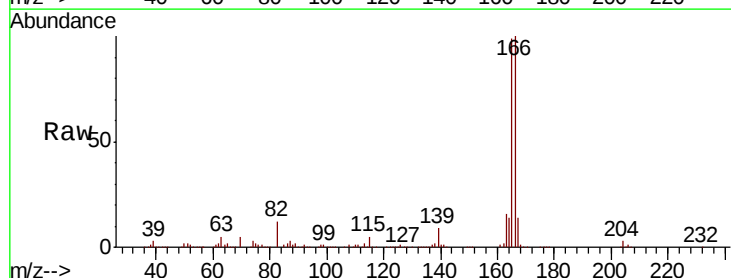
Manual Integrations
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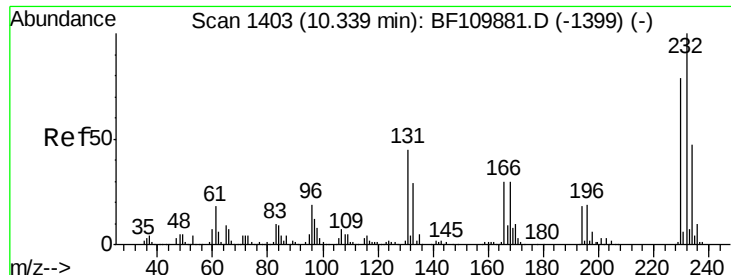
Sohil
10/23/2018 2:18:34 PM



#58
Fluorene
Concen: 45.160 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		961098		
165	99.1		78.6	117.8	
167	13.6		10.8	16.2	





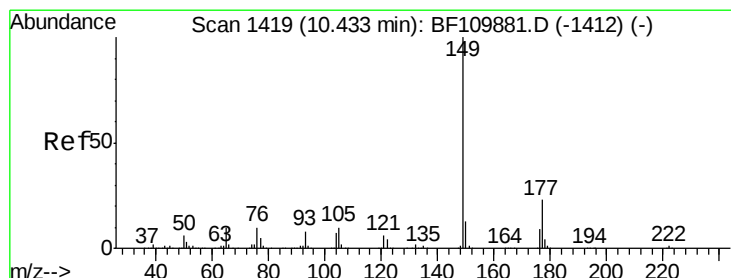
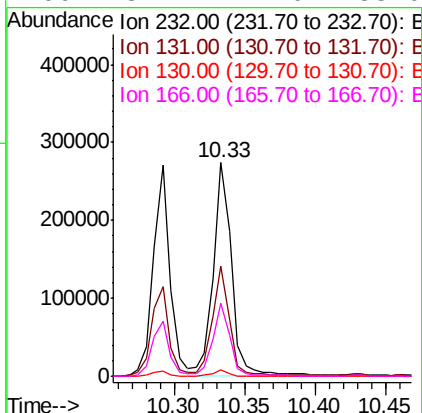
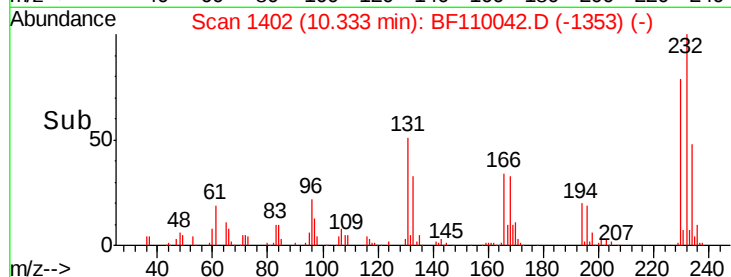
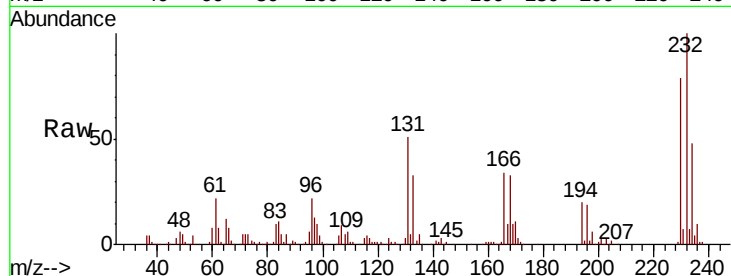
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.178 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		247067		
131	48.4	37.0	55.4		
130	2.4	1.8	2.6		
166	32.7	22.0	33.0		

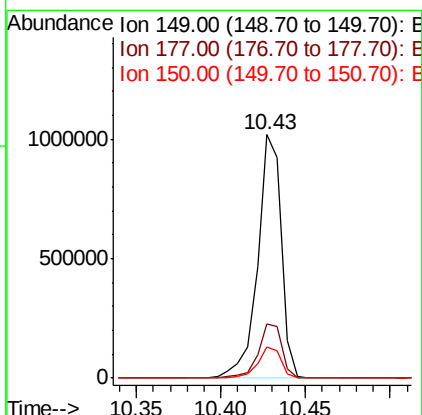
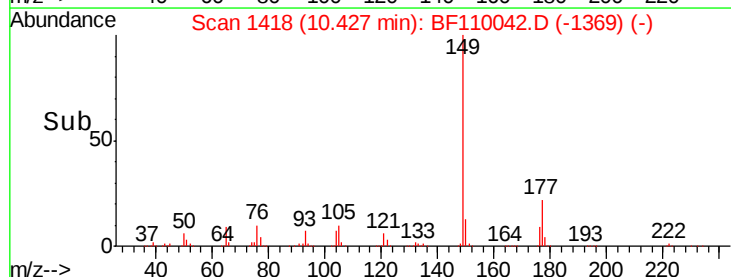
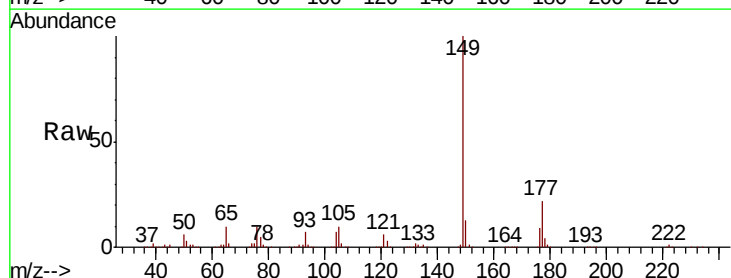
Manual Integrations
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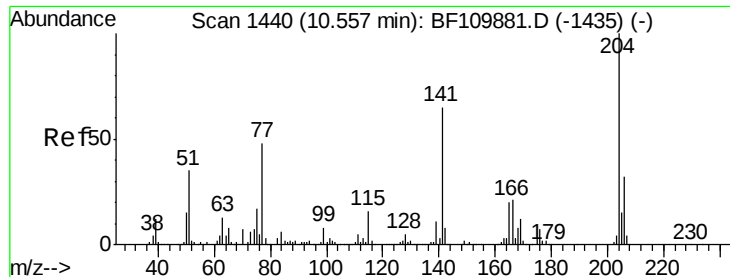
Sohil
10/23/2018 2:18:34 PM



#60
Diethylphthalate
Concen: 41.886 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		989334		
177	22.1	17.4	26.2		
150	12.7	9.8	14.8		





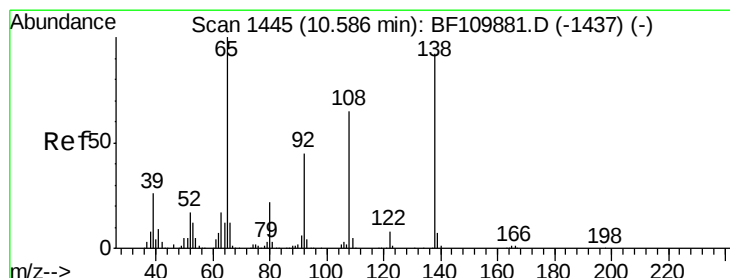
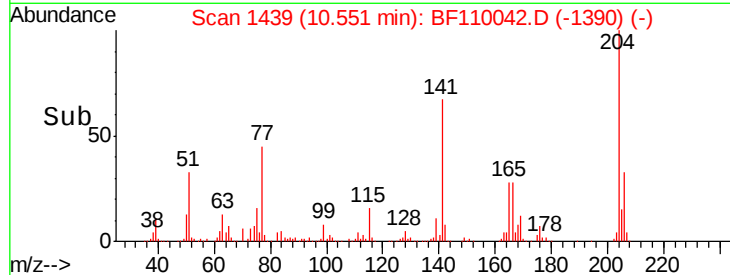
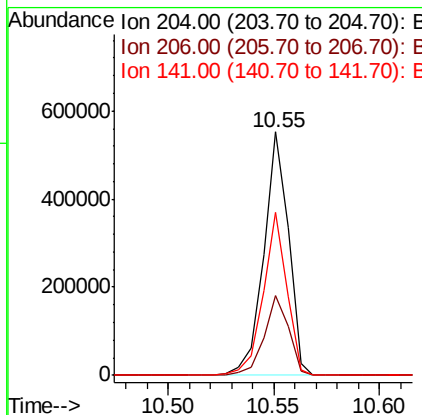
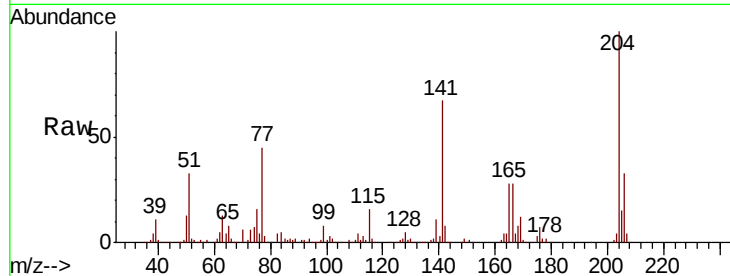
#61
 4-Chlorophenyl-phenylether
 Concen: 40.568 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BSD

Tot Ion:	204	Resp:	449727
Ion Ratio		Lower	Upper
204	100		
206	32.7	26.5	39.7
141	66.9	51.8	77.8

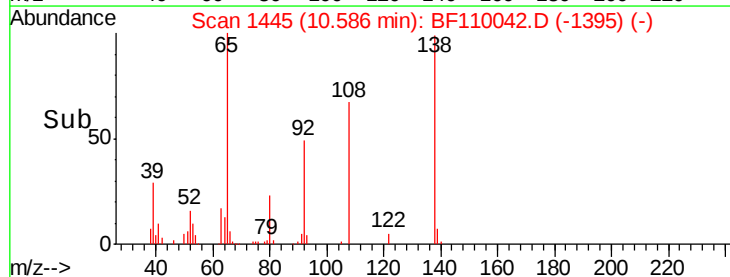
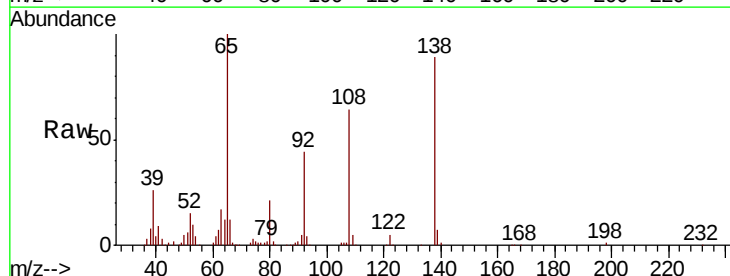
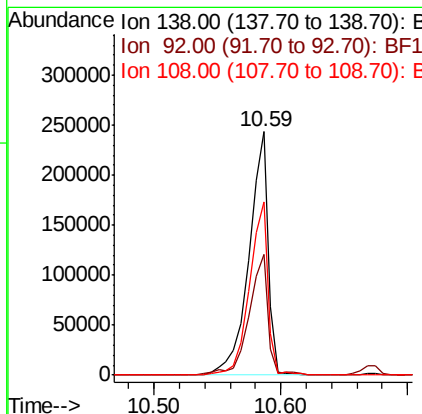
Manual Integrations
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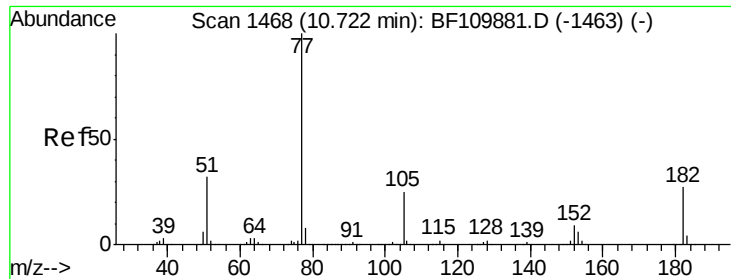
Sohil
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#62
 4-Nitroaniline
 Concen: 49.379 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Tgt Ion:	138	Resp:	258261
Ion Ratio		Lower	Upper
138	100		
92	49.8	31.7	71.7
108	71.3	59.3	99.3





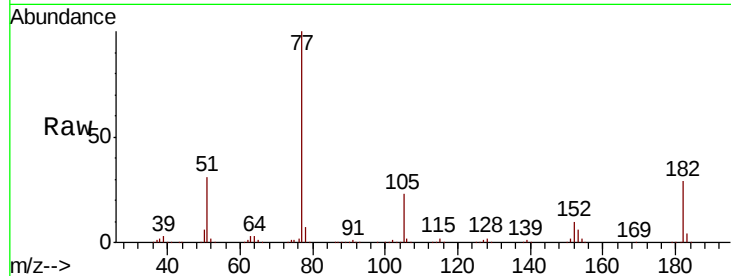
#63
Azobenzene
Concen: 39.930 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.2	4.3	44.3		
105	23.2	1.3	41.3		
51	31.0	9.0	49.0		

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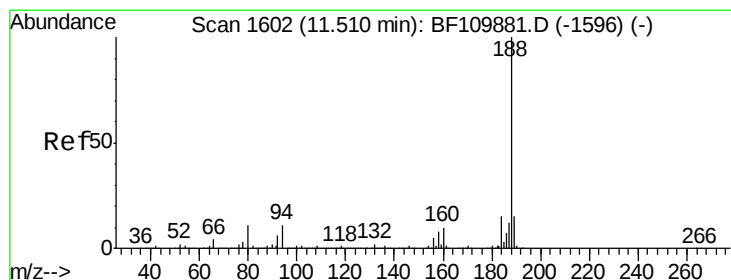
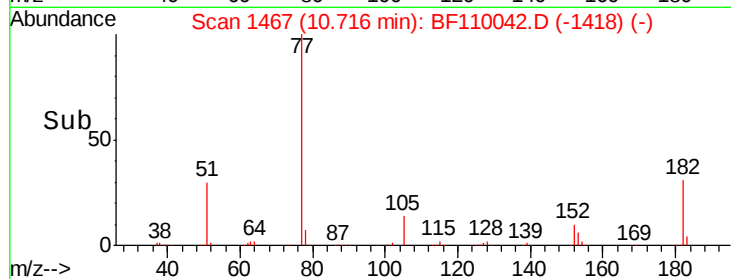
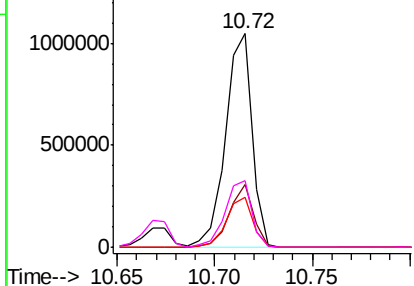
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

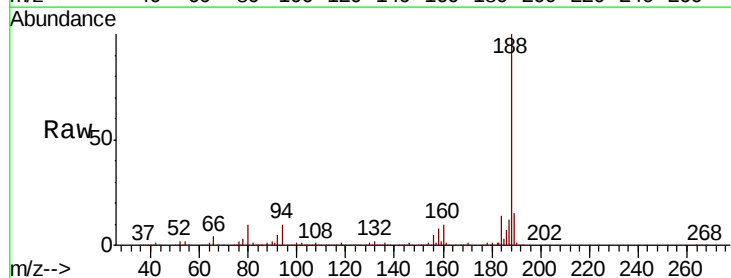
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.8	7.2	10.8		
80	10.0	7.9	11.9		

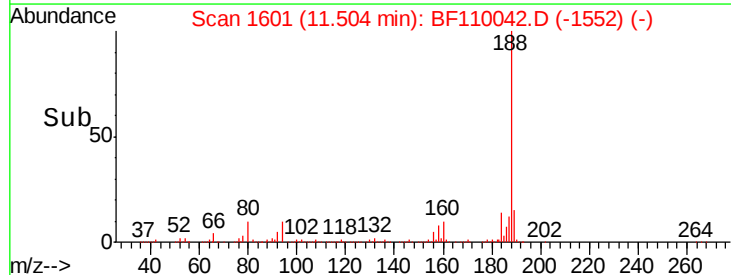
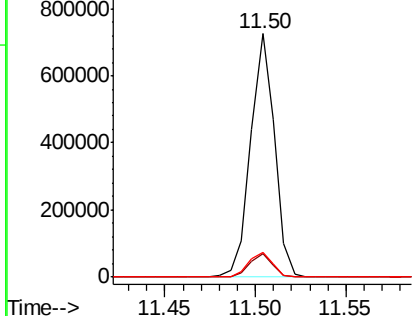


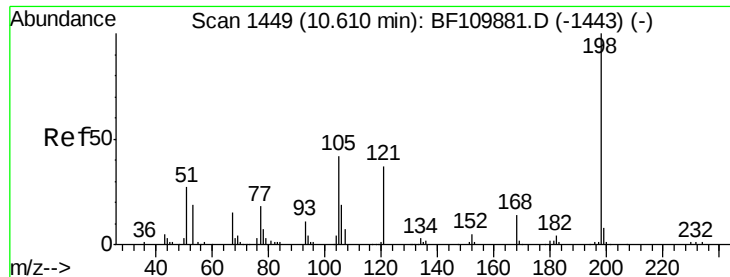
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





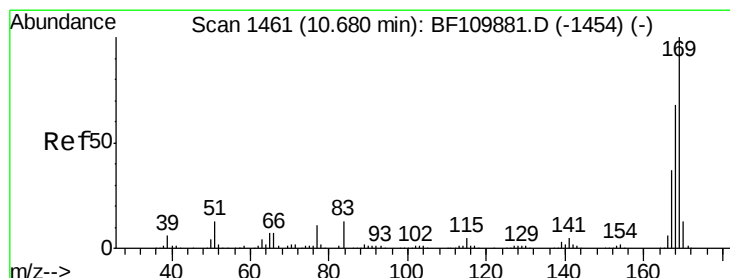
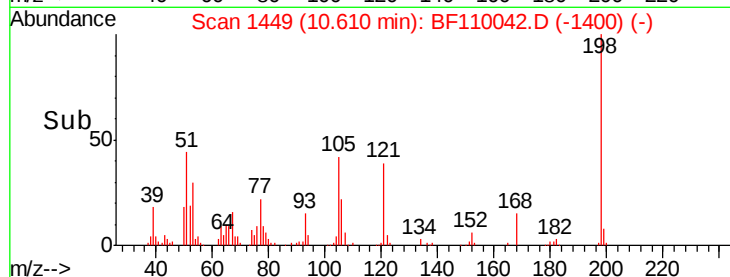
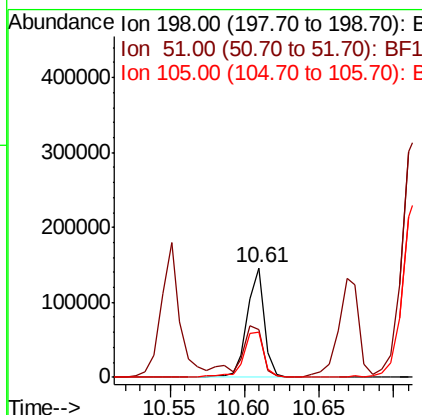
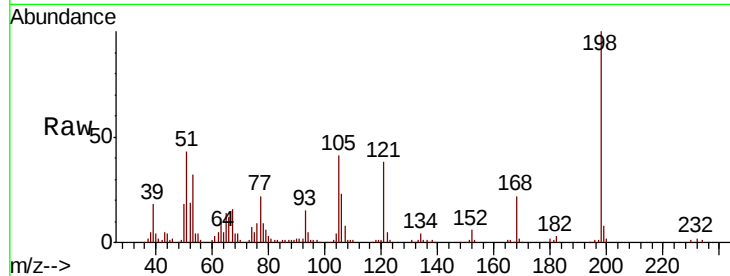
#65
4,6-Dinitro-2-methylphenol
Concen: 48.518 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	116544		
51	43.3	22.8	62.8	
105	41.5	23.6	63.6	

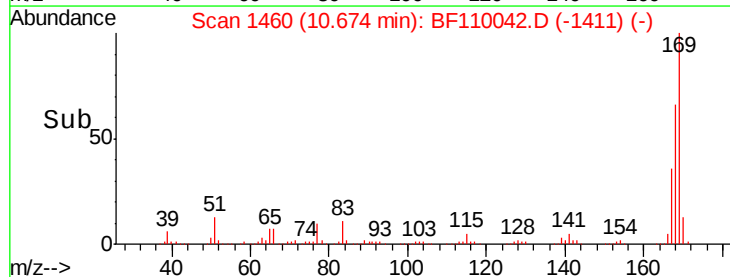
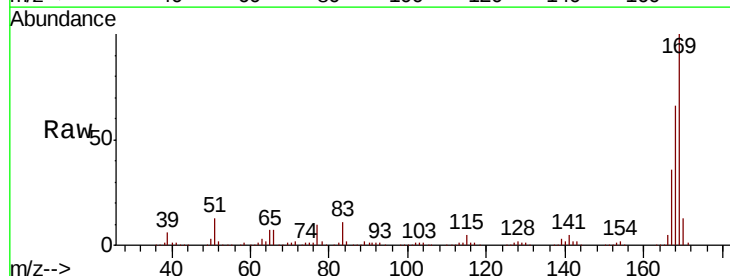
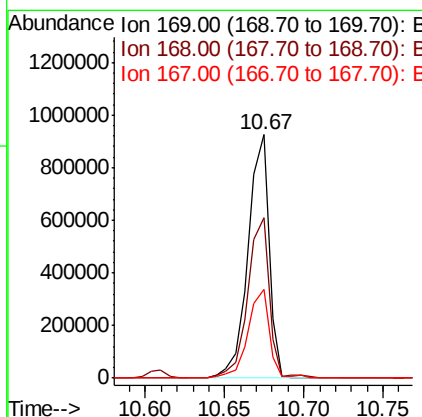
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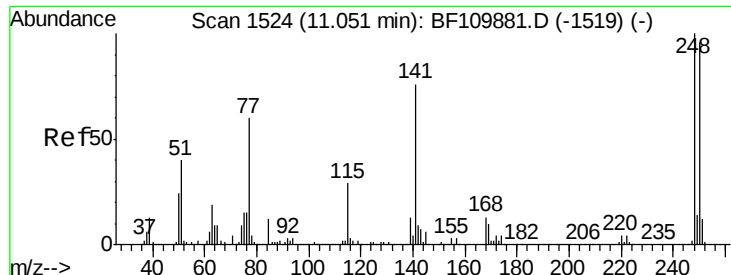
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 38.635 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	851396		
168	65.9	51.2	76.8	
167	36.3	27.8	41.6	





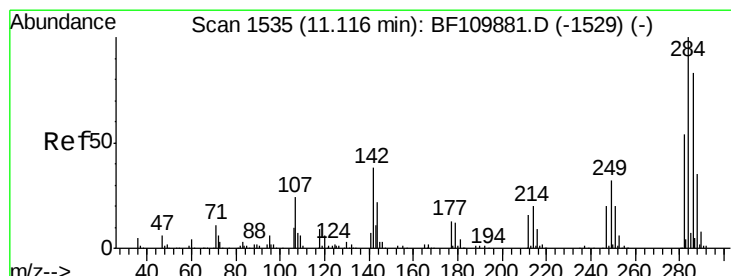
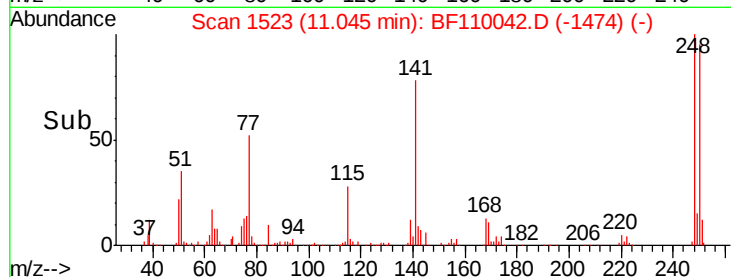
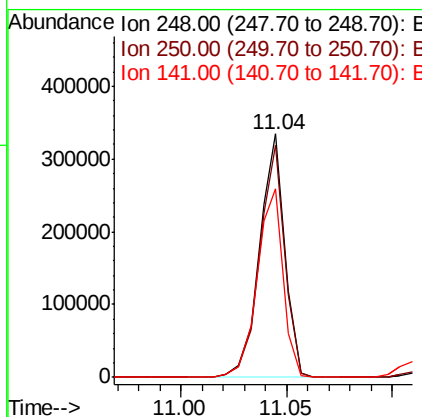
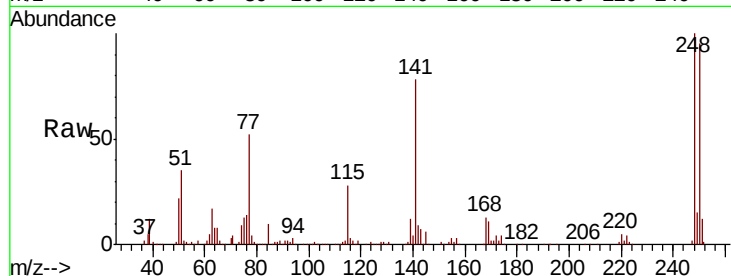
#67
 4-Bromophenyl-phenylether
 Concen: 38.894 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BSD

Tot Ion:	248	Resp:	278895
Ion Ratio	Lower	Upper	
248	100		
250	95.4	79.4	119.2
141	77.5	55.9	83.9

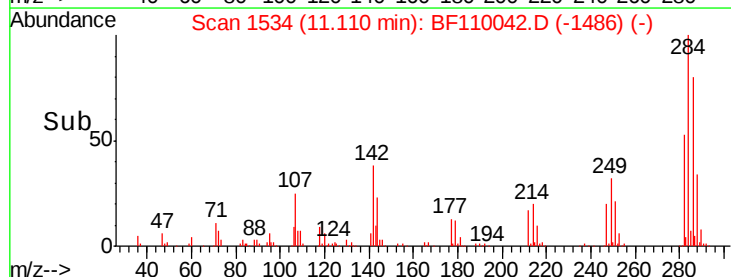
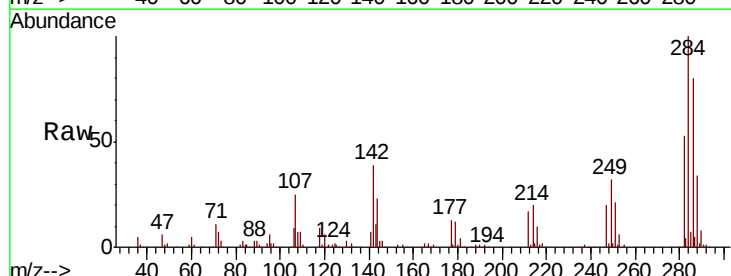
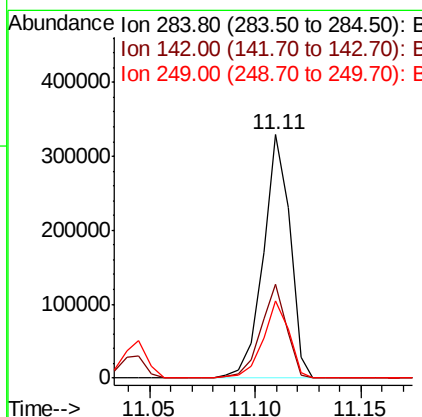
Manual Integrations
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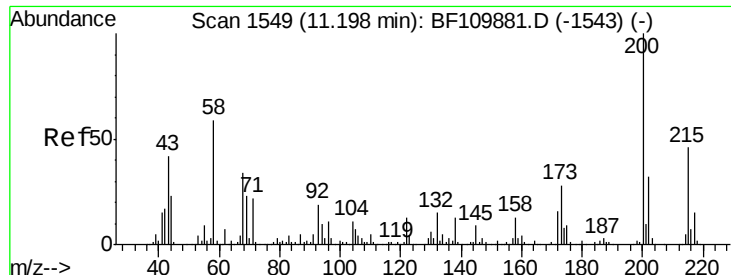
Sohil
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#68
 Hexachlorobenzene
 Concen: 37.980 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.02 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Tgt Ion:	284	Resp:	290418
Ion Ratio	Lower	Upper	
284	100		
142	38.5	23.9	35.9#
249	31.8	24.2	36.2





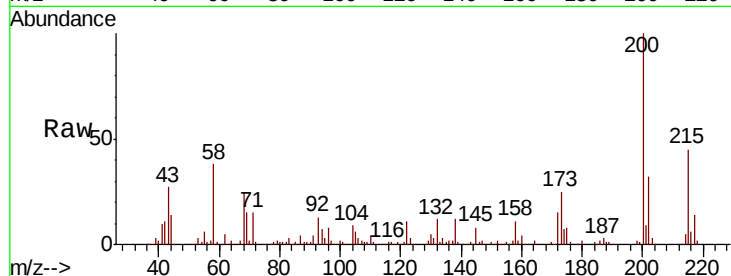
#69
Atrazine
Concen: 42.183 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.0	6.6	46.6
215	45.5	26.3	66.3

Manual Integrations
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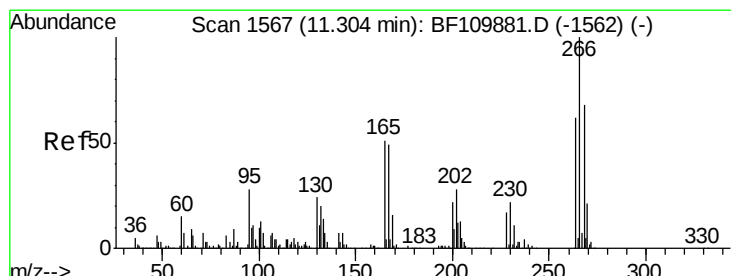
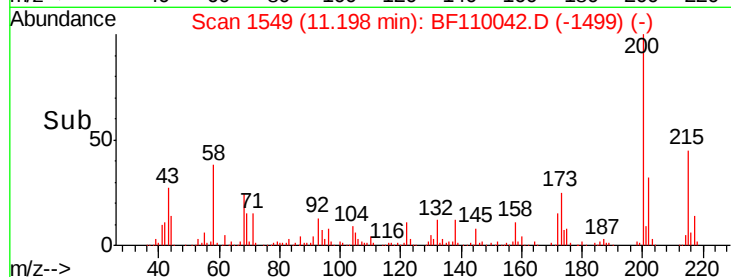
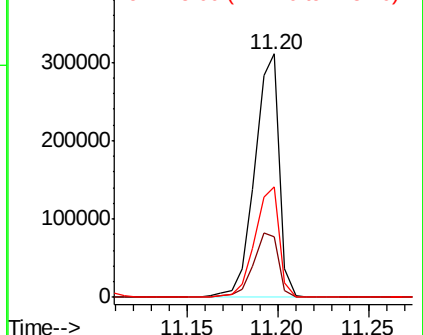


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.119 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

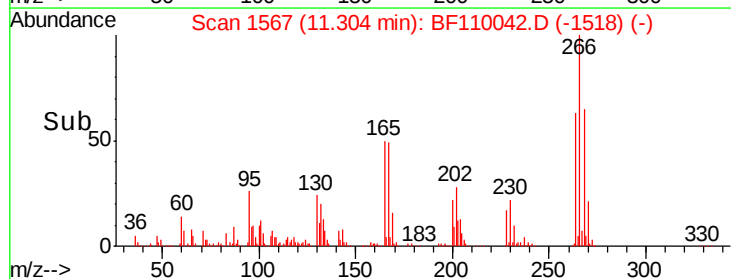
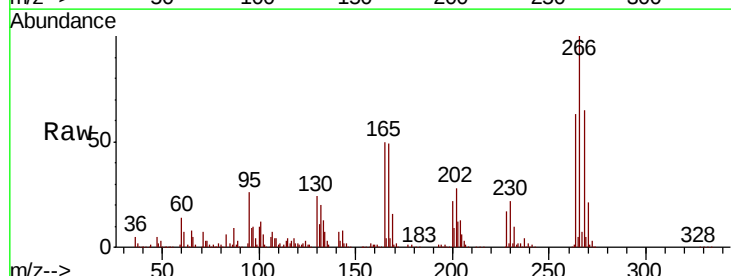
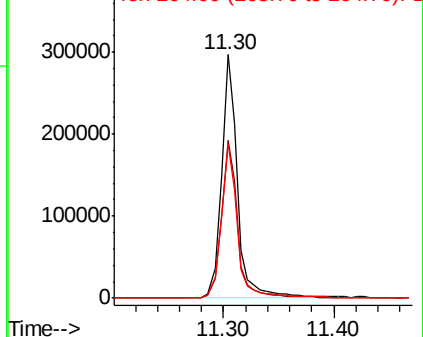
Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.8	50.6	75.8
264	63.0	50.6	75.8

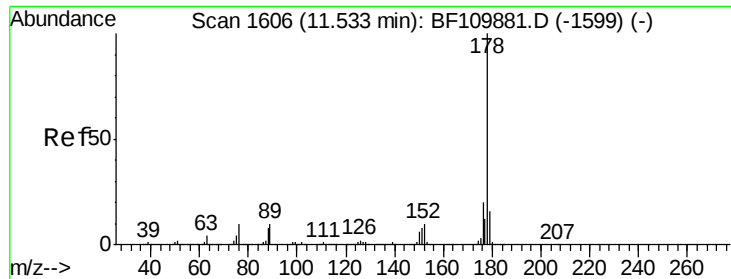
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





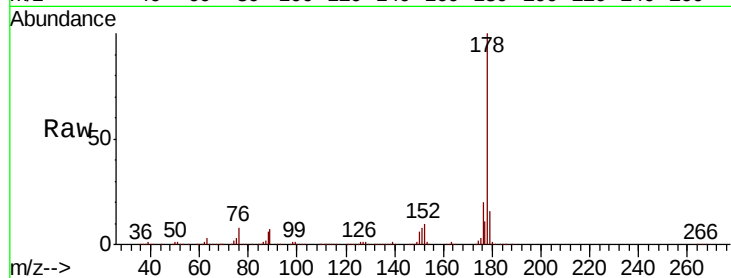
#71
Phenanthrene
Concen: 41.630 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.5	12.5	18.7

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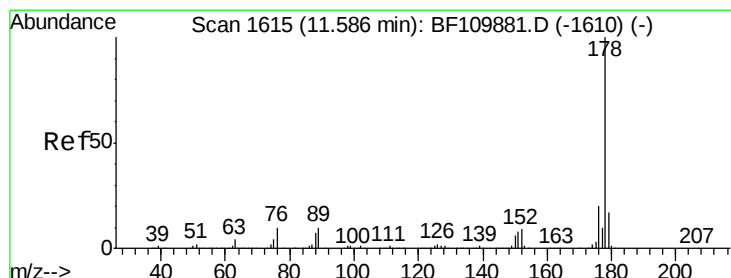
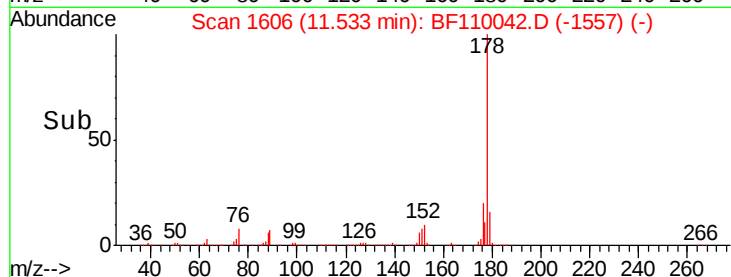
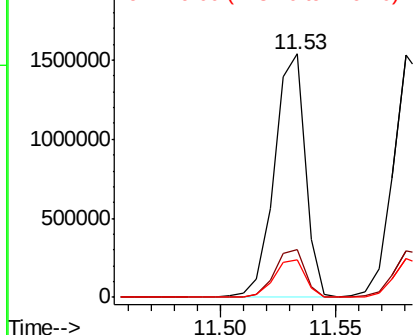


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 43.176 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

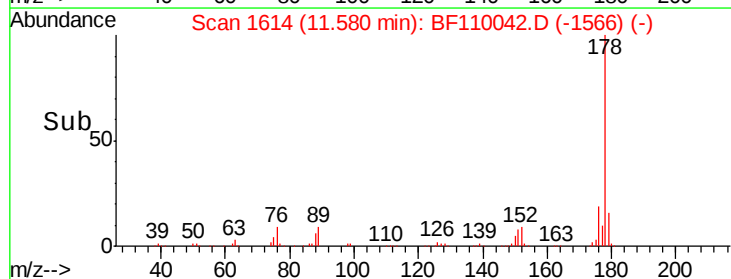
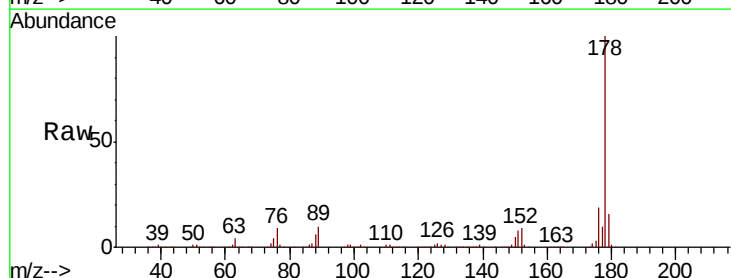
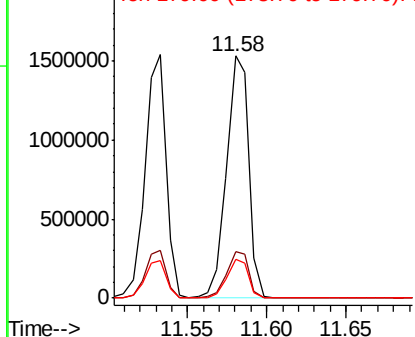
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.0	12.6	18.8

Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





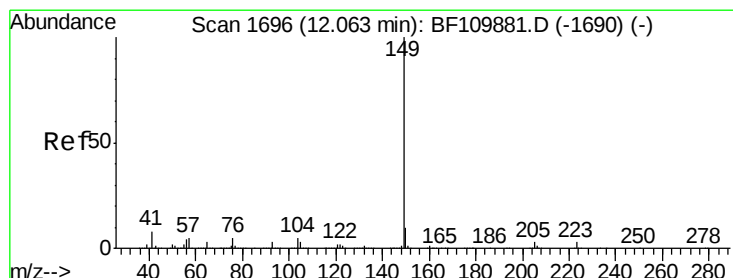
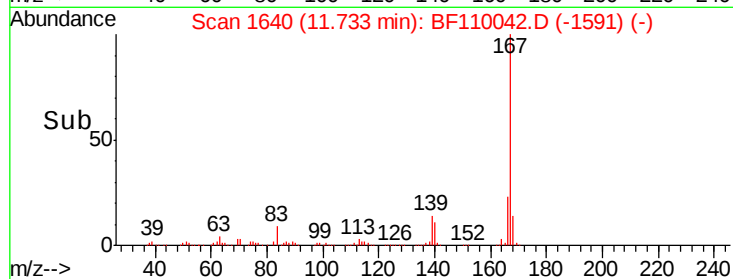
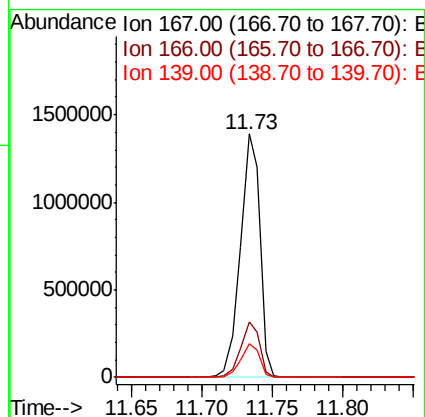
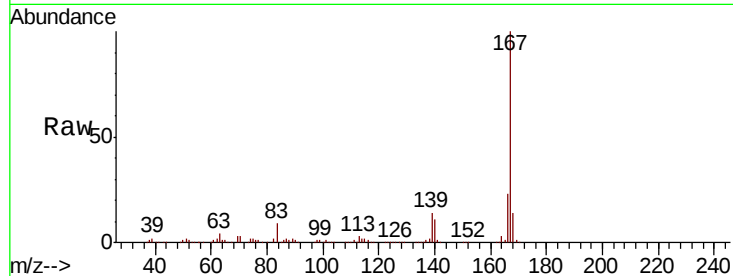
#73
 Carbazole
 Concen: 39.398 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.4	26.0
139	13.7	10.9	16.3

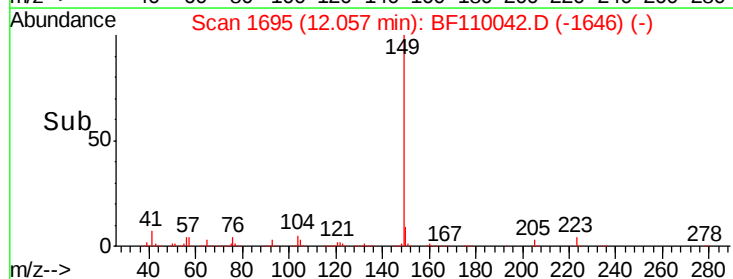
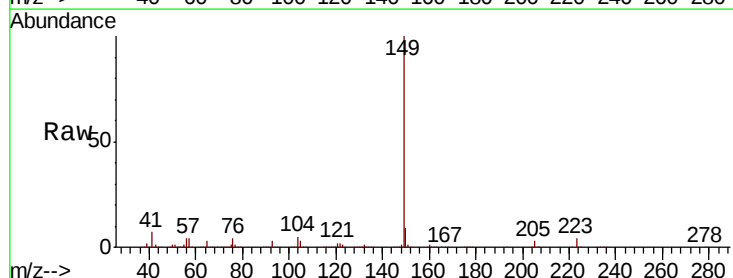
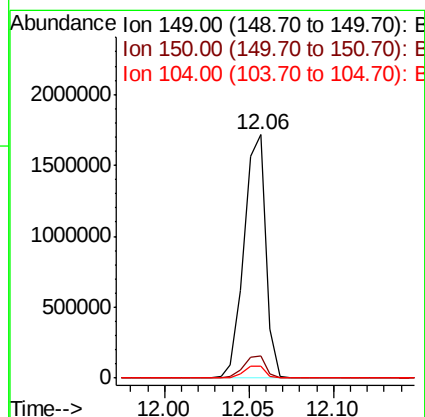
Manual Integrations
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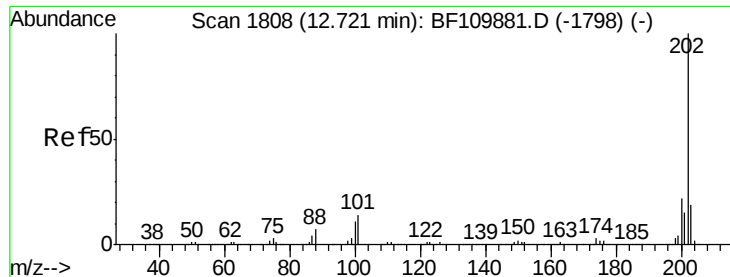
Sohil
 10/23/2018 2:18:34 PM



#74
 Di-n-butylphthalate
 Concen: 40.832 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.8	4.2	6.4





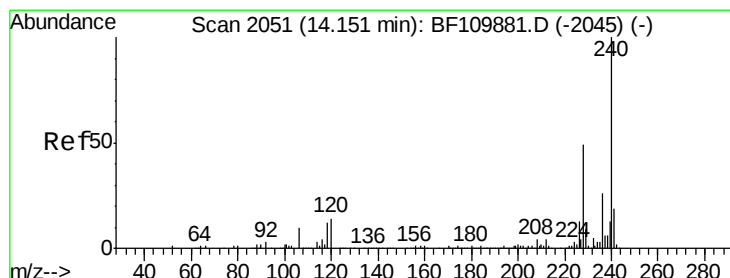
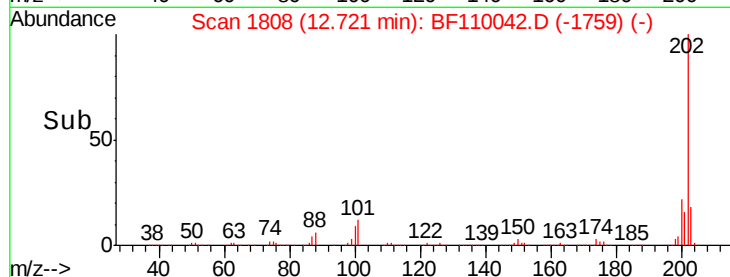
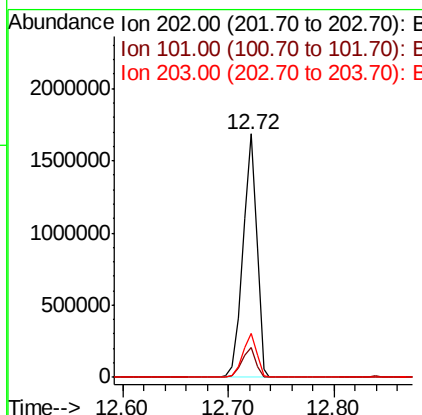
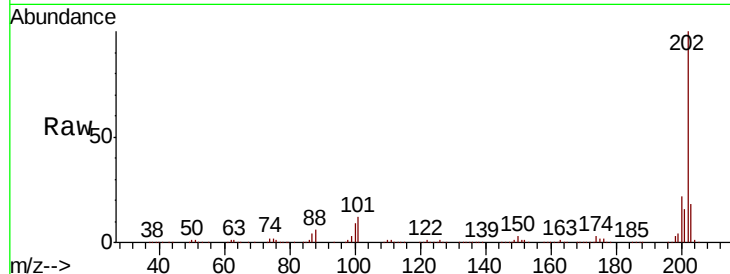
#75
Fluoranthene
 Concen: 43.924 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB114001BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1503062		
101	12.2		0.0	31.4
203	18.3		0.0	37.7

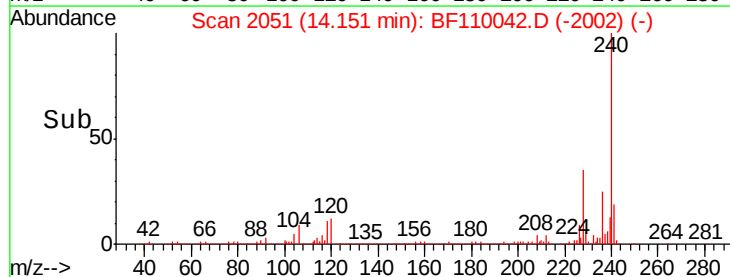
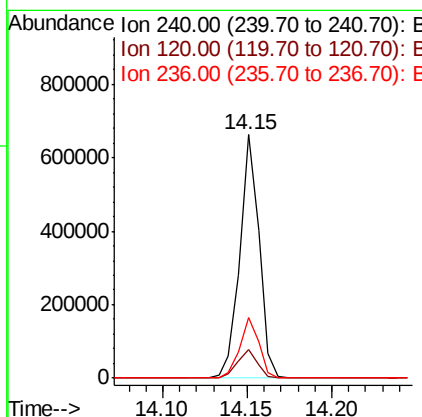
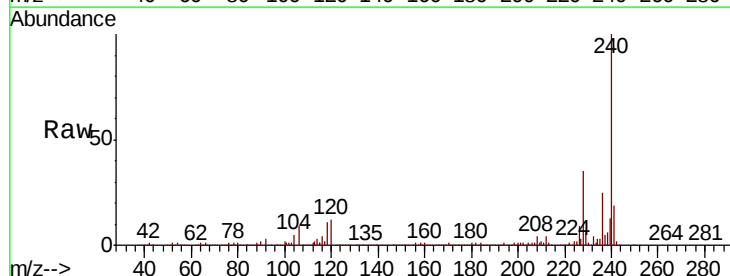
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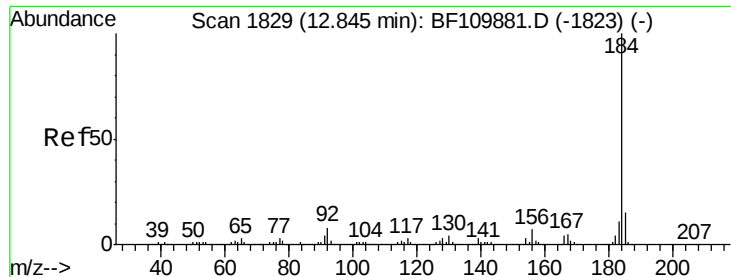
Sohil
 10/23/2018 2:18:34 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110042.D
 Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	525311		
120	11.9		8.3	12.5
236	25.0		21.2	31.8





#77

Benzidine

Concen: 46.844 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

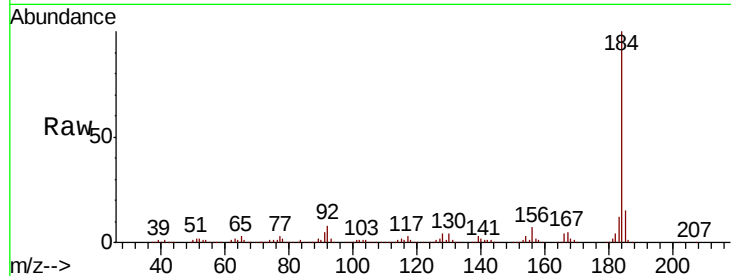
ClientSampleId :

PB114001BSD

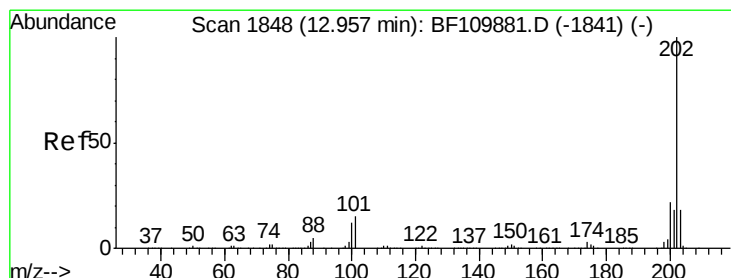
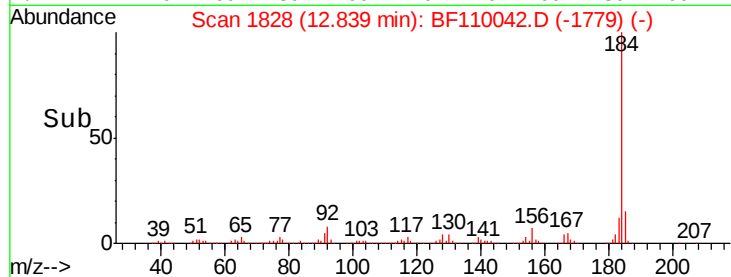
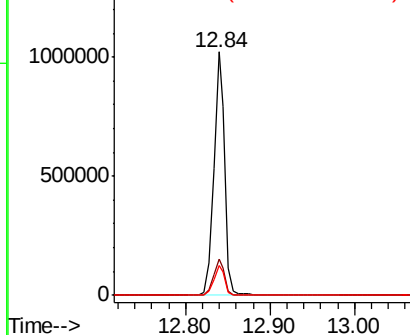
Tot Ion:	184	Resp:	943499
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.4	20.2
183	12.3	9.4	14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.397 ng

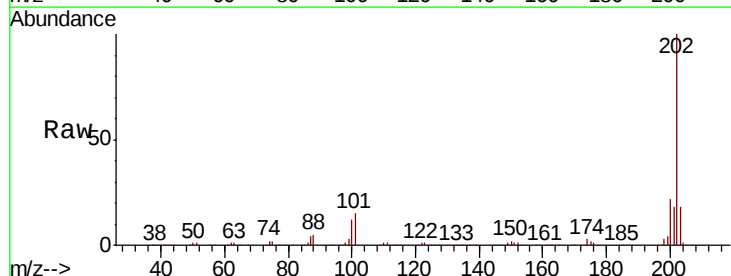
RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

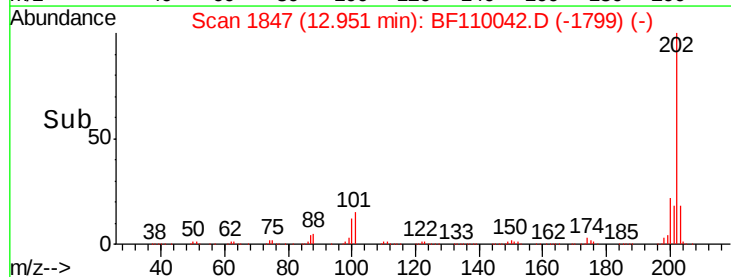
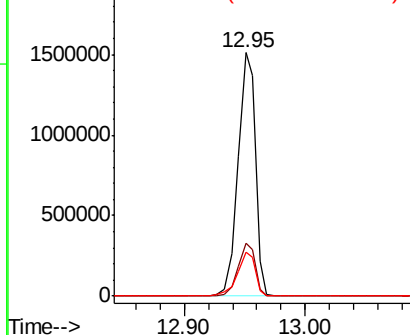
Lab File: BF110042.D

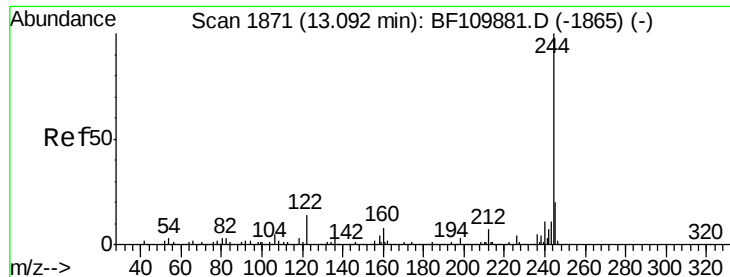
Acq: 22 Oct 2018 11:59

Tgt Ion:	202	Resp:	1520018
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.8	26.6
203	18.3	14.2	21.4



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





#79

Terphenyl-d14

Concen: 69.668 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

ClientSampleId :

PB114001BSD

Tot Ion:244 Resp: 1742793

Ion Ratio Lower Upper

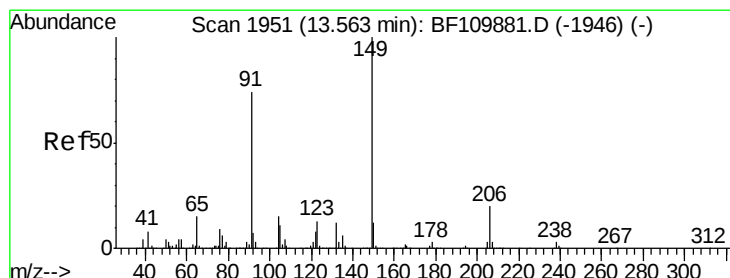
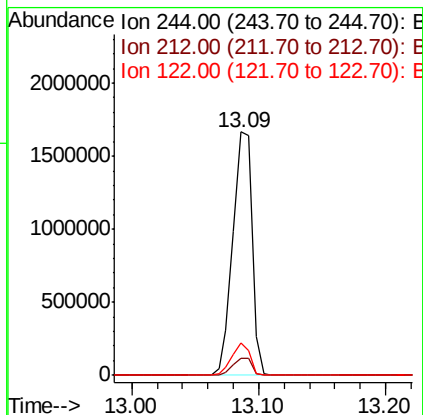
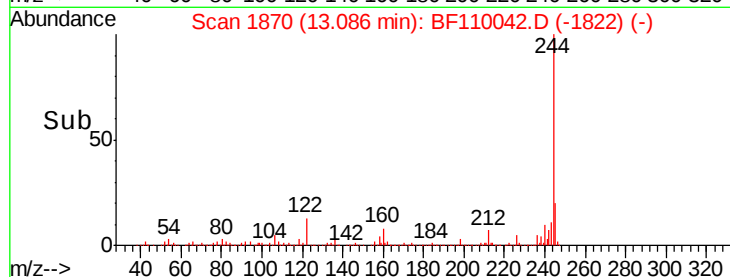
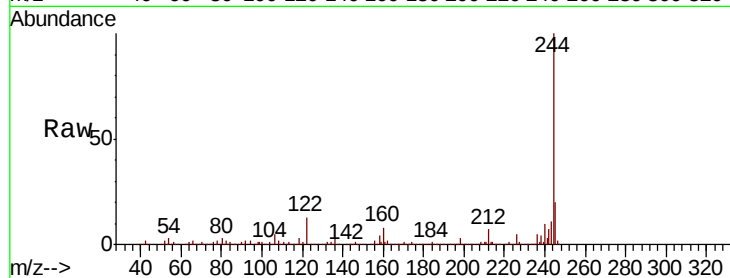
244 100

212 7.3 5.8 8.8

122 13.5 8.7 13.1#

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#80

Butylbenzylphthalate

Concen: 42.642 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

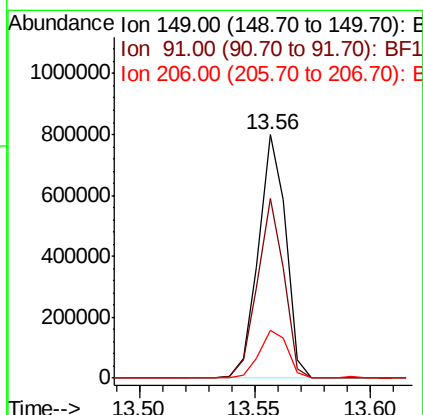
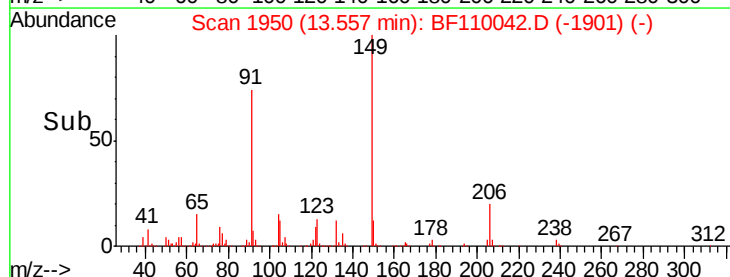
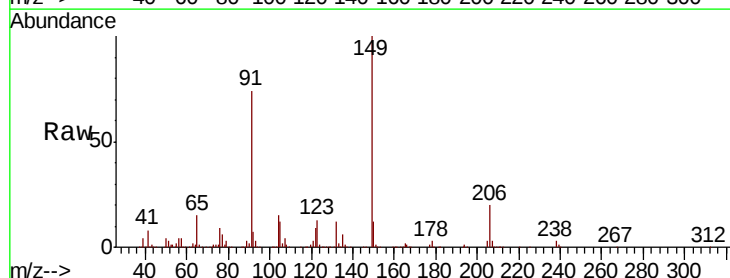
Tgt Ion:149 Resp: 665142

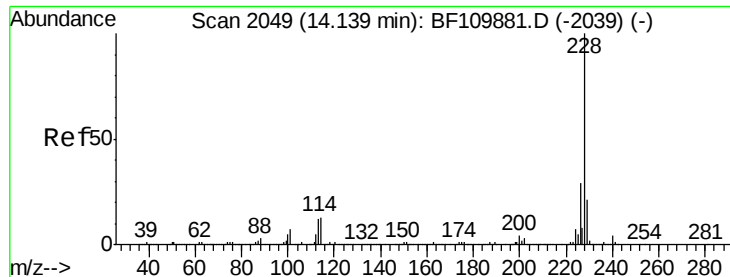
Ion Ratio Lower Upper

149 100

91 74.0 57.2 85.8

206 19.7 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.001 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

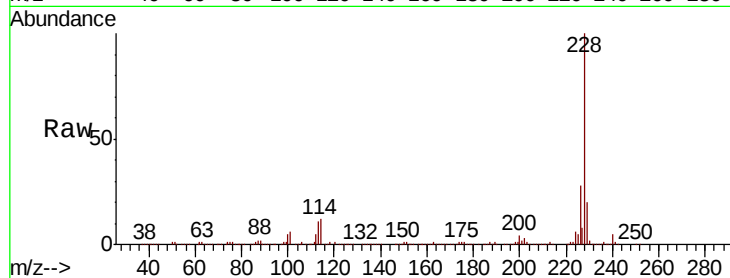
ClientSampleId :

PB114001BSD

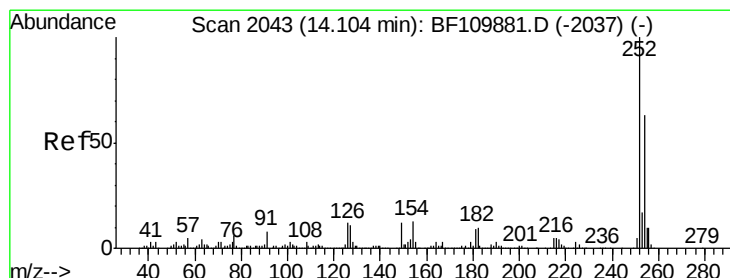
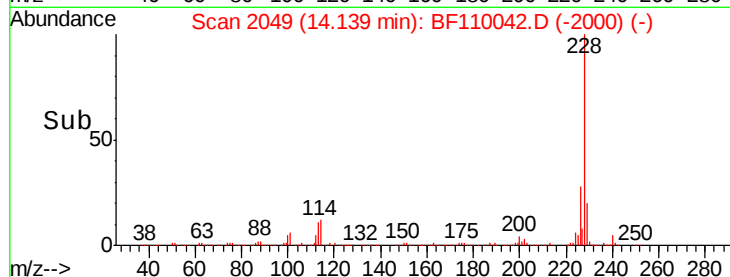
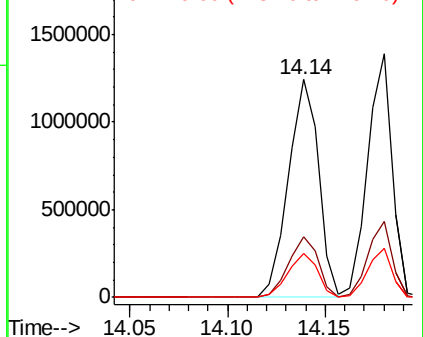
Tot Ion:	228	Resp:	1330557
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.2	15.6	23.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.897 ng

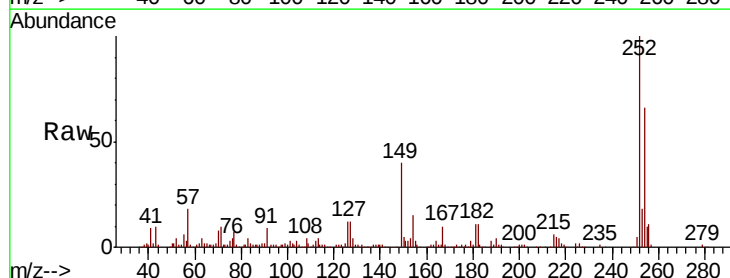
RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

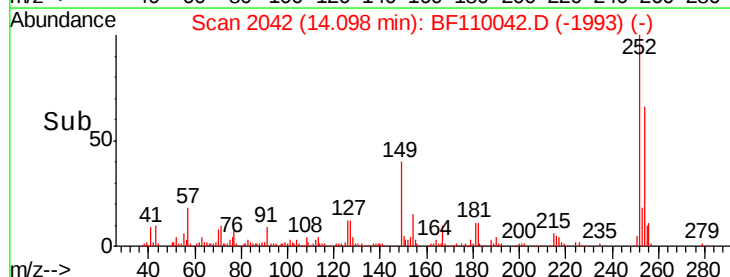
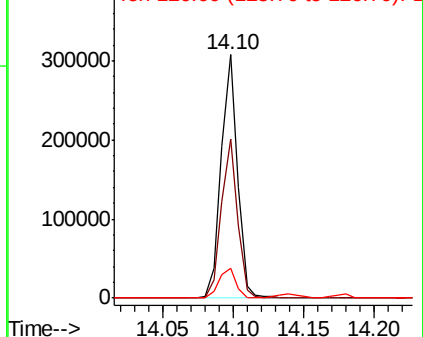
Lab File: BF110042.D

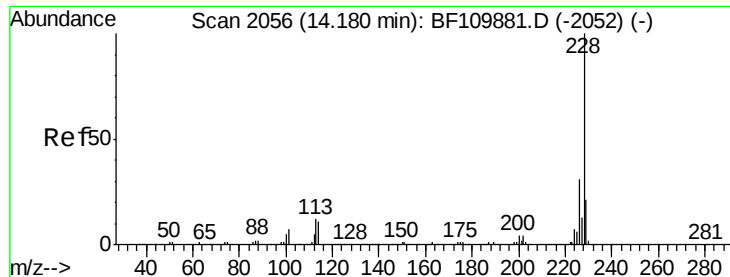
Acq: 22 Oct 2018 11:59

Tgt Ion:	252	Resp:	248379
Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.3	76.9
126	12.3	9.4	14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





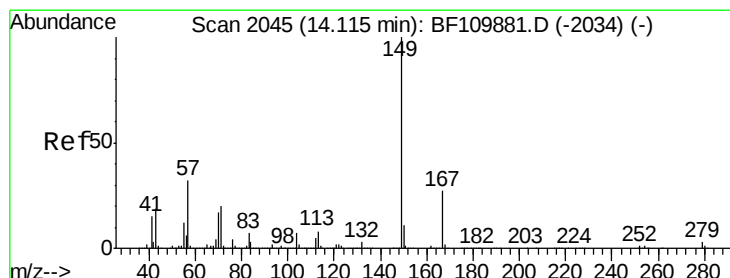
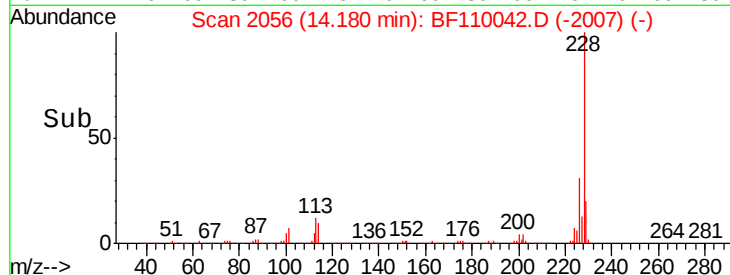
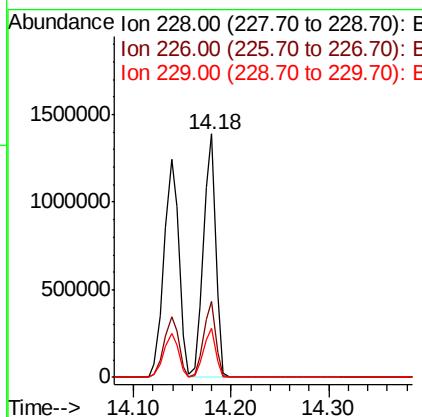
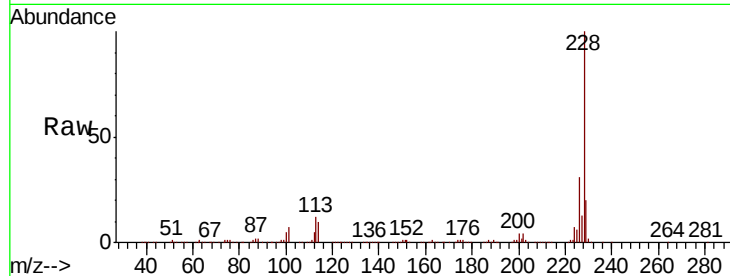
#83
Chrysene
Concen: 41.332 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	20.3	15.9	23.9

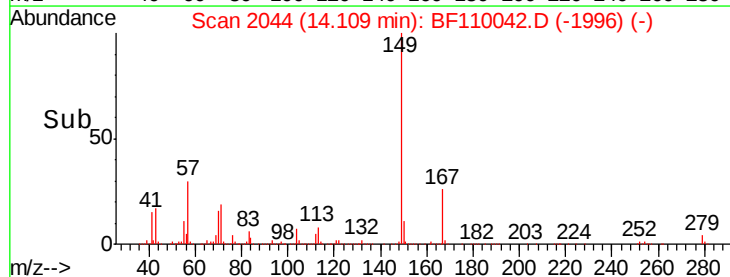
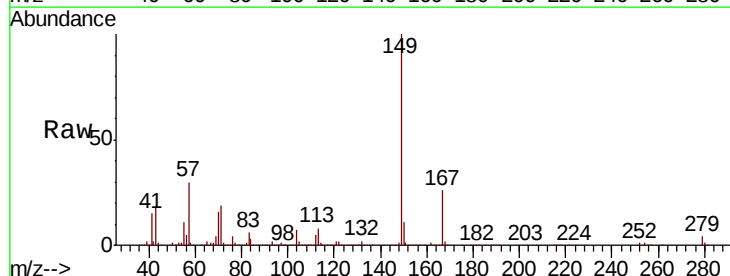
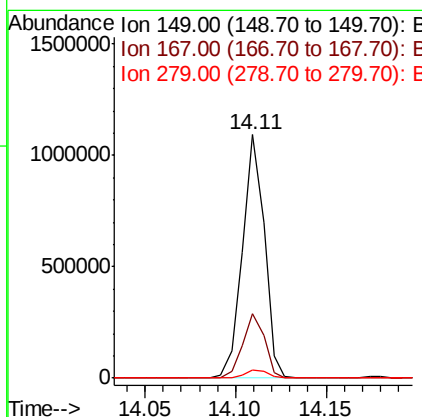
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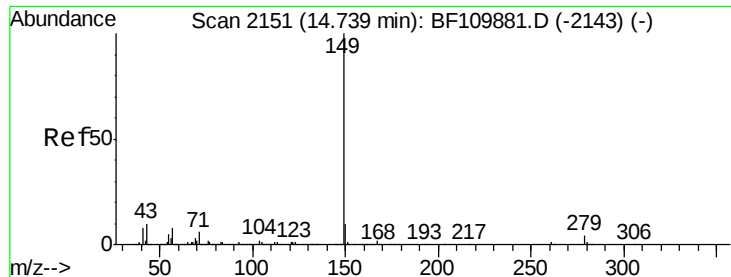
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.836 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.6	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 48.911 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

Instrument :

BNA_F

ClientSampleId :

PB114001BSD

Tot Ion:149 Resp: 1415334

Ion Ratio Lower Upper

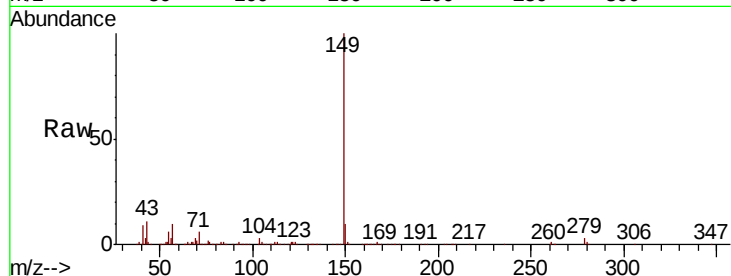
149 100

167 1.5 1.1 1.7

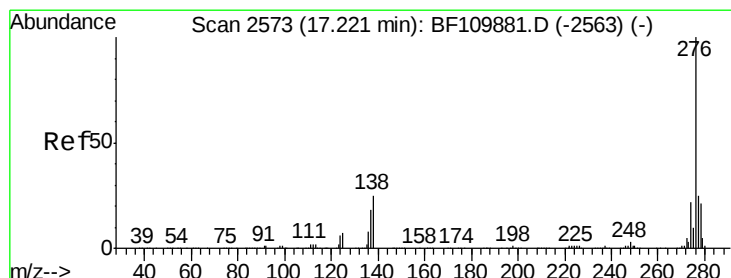
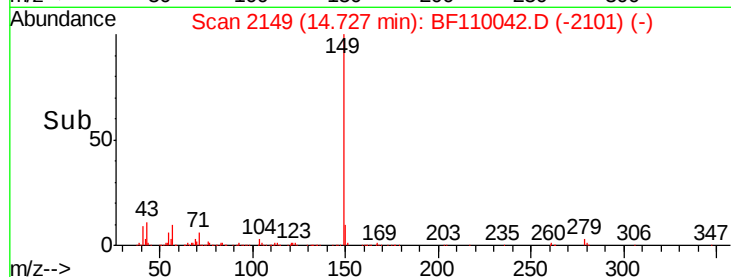
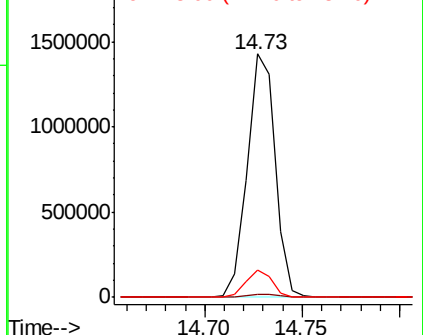
43 10.6 7.8 11.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.375 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.03 min

Lab File: BF110042.D

Acq: 22 Oct 2018 11:59

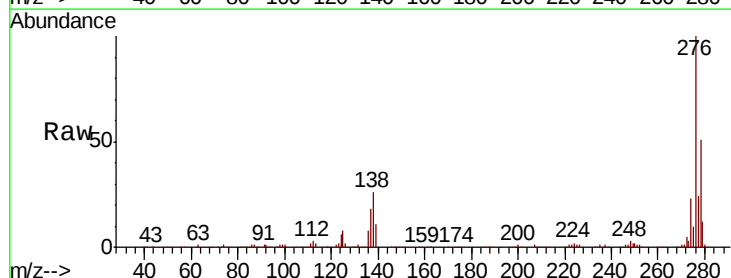
Tgt Ion:276 Resp: 886297

Ion Ratio Lower Upper

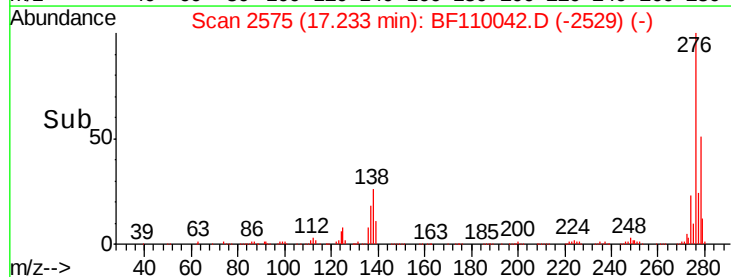
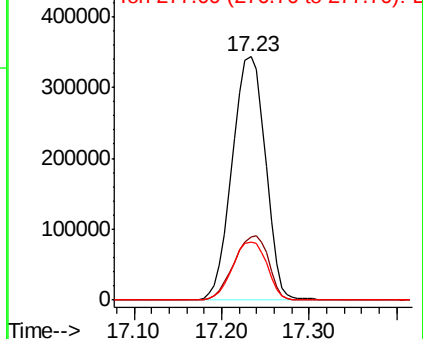
276 100

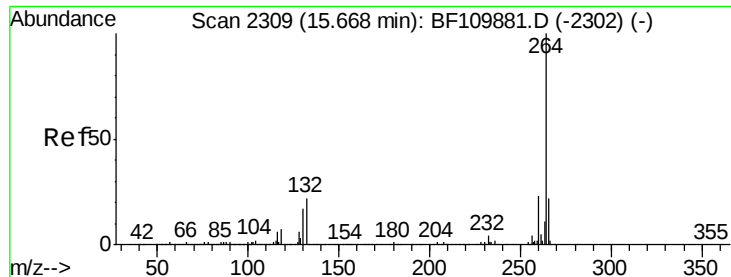
138 27.6 18.5 27.7

277 24.9 20.0 30.0



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





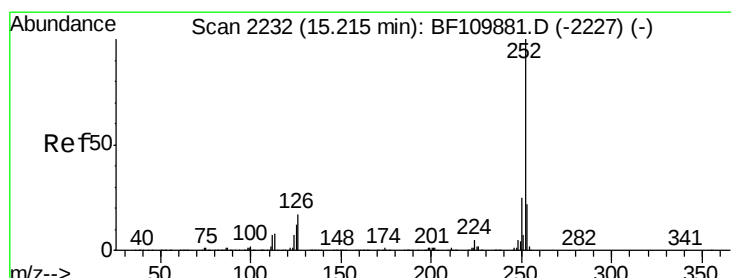
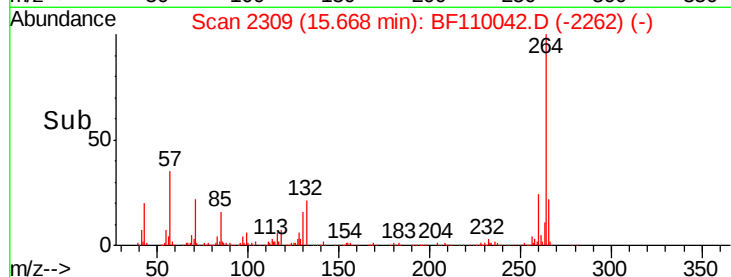
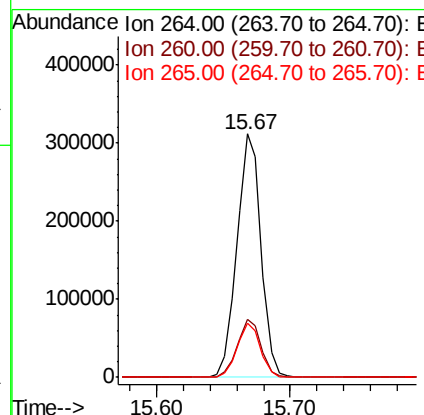
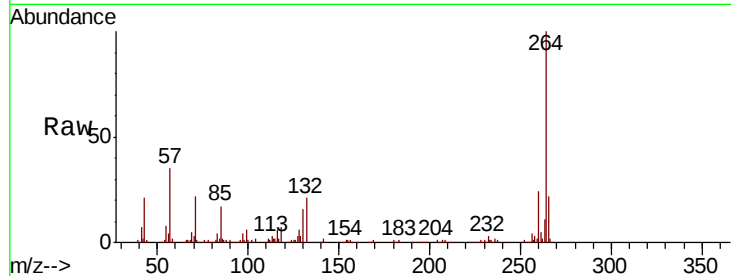
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.3	16.7	25.1

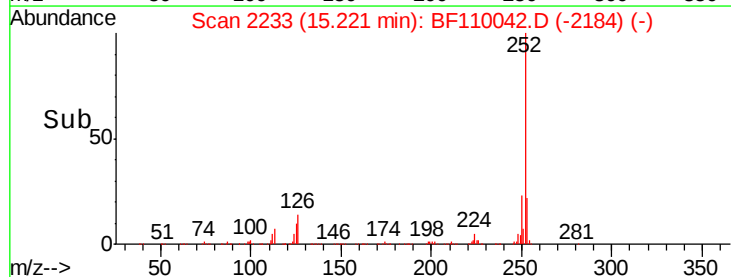
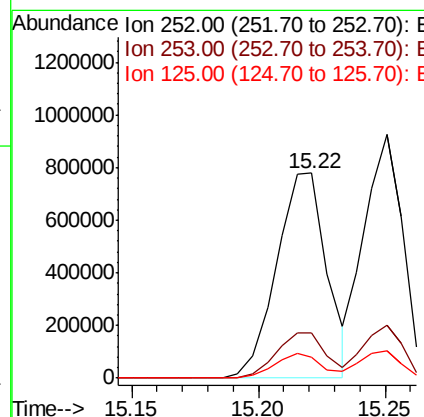
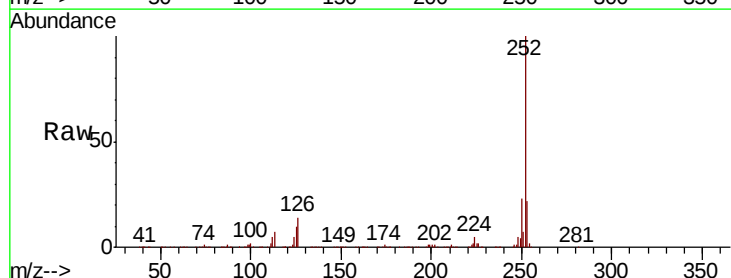
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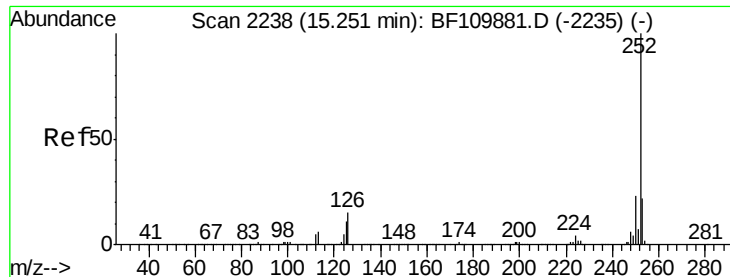
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.645 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.0	8.2	12.4





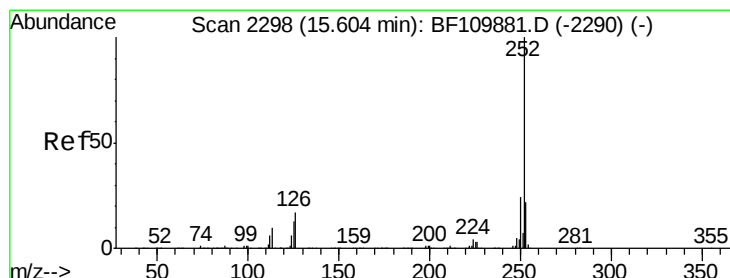
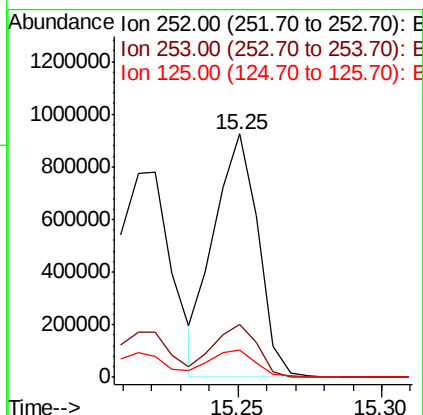
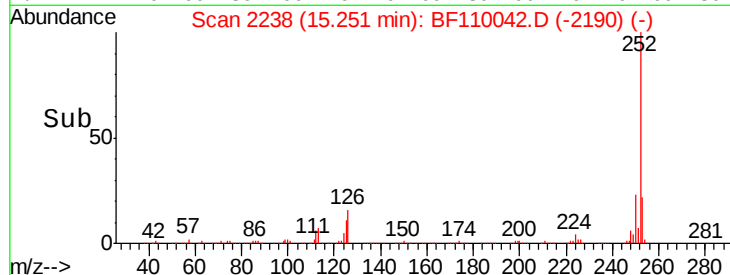
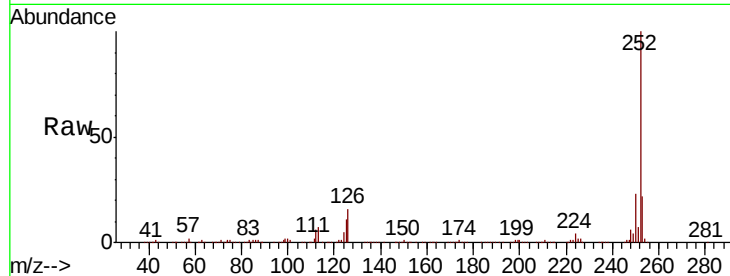
#89
Benzo(k)fluoranthene
Concen: 44.479 ng m
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.5	7.4	11.0

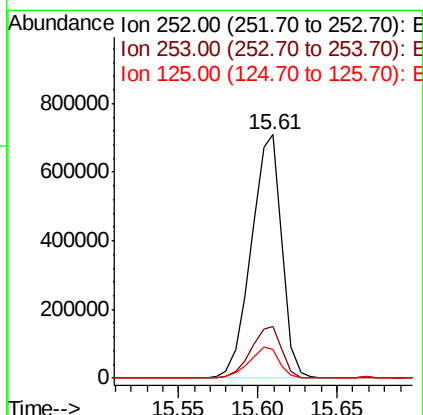
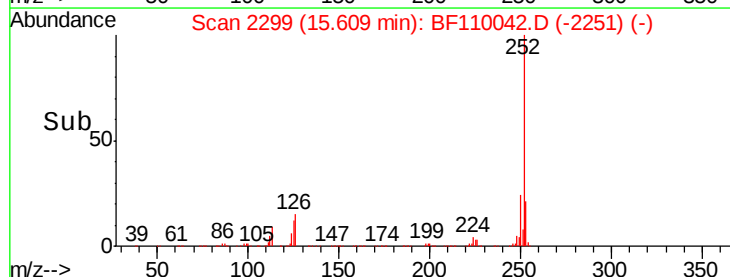
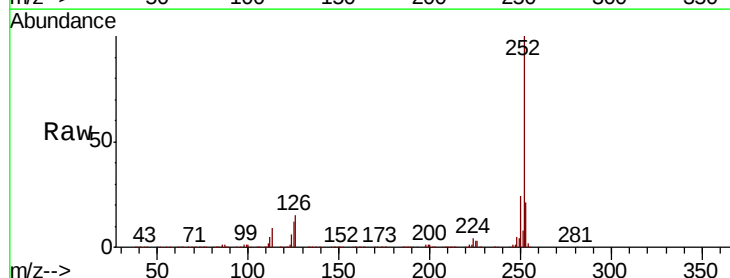
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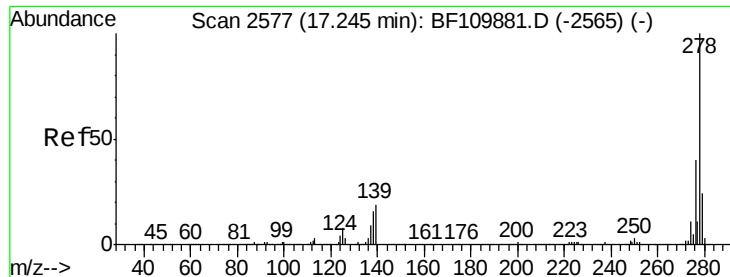
Sohil
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#90
Benzo(a)pyrene
Concen: 45.702 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	12.0	9.0	13.6





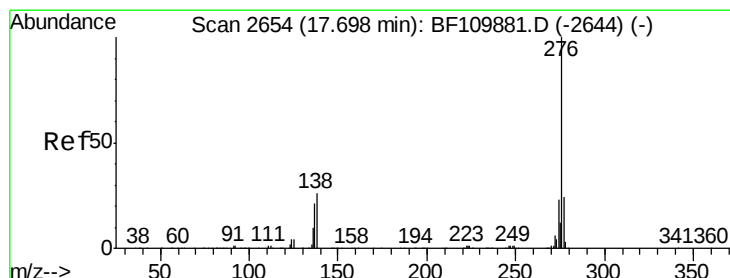
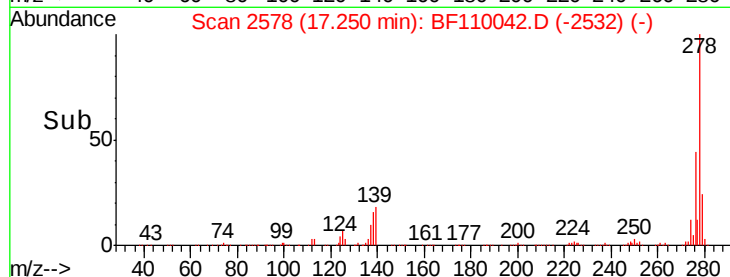
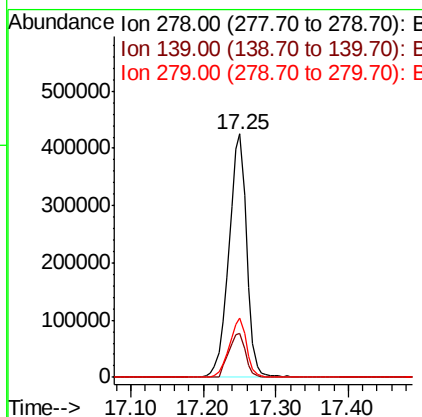
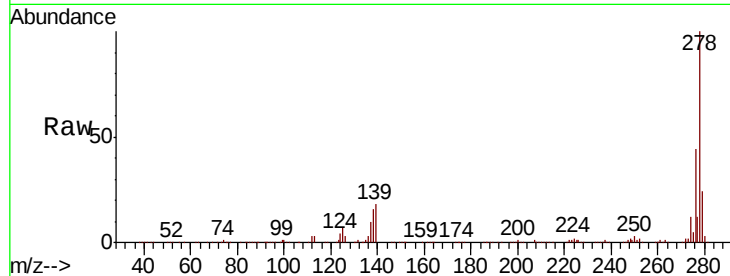
#91
Dibenzo(a,h)anthracene
Concen: 39.398 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Instrument :
BNA_F
ClientSampleId :
PB114001BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.7	19.1
279	24.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/23/2018 2:18:34 PM



#92
Benzo(g,h,i)perylene
Concen: 38.763 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110042.D
Acq: 22 Oct 2018 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	23.6	16.0	24.0

