

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113981.D
 Acq On : 25 Apr 2019 16:57
 Operator : JU/SJ
 Sample : K2553-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Manual Integrations
 APPROVED

Sohil
 4/29/2019 5:49:48 AM

Quant Time: Apr 26 05:00:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	112483	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	424203	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	230250	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	484656	20.00	ng	0.00
76) Chrysene-d12	14.06	240	432931	20.00	ng	0.00
87) Perylene-d12	15.56	264	471159	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	783672	119.16	ng	0.00
7) Phenol-d6	6.53	99	1020769	123.71	ng	0.00
23) Nitrobenzene-d5	7.46	82	610851	88.91	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	363892	129.73	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1226908	83.34	ng	0.00
79) Terphenyl-d14	13.00	244	1616458	76.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	110132	35.525	ng	97
3) Pyridine	3.45	79	286347	33.839	ng	99
4) n-Nitrosodimethylamine	3.39	42	108306	37.390	ng	94
6) Aniline	6.56	93	334325	29.507	ng	98
8) 2-Chlorophenol	6.69	128	309996	41.286	ng	95
9) Benzaldehyde	6.44	77	79194	12.397	ng	97
10) Phenol	6.54	94	395210	40.056	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	301488	40.607	ng	98
12) 1,3-Dichlorobenzene	6.84	146	339345	39.905	ng	99
13) 1,4-Dichlorobenzene	6.92	146	347817	40.665	ng	99
14) 1,2-Dichlorobenzene	7.07	146	329132	41.871	ng	98
15) Benzyl Alcohol	7.03	79	245257	44.134	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	336104	38.780	ng	92
17) 2-Methylphenol	7.15	107	279951	42.535	ng	99
18) Hexachloroethane	7.41	117	118926	39.664	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	215778	40.383	ng	96
20) 3+4-Methylphenols	7.30	107	328780	44.214	ng	# 77
22) Acetophenone	7.30	105	427636	45.301	ng	97
24) Nitrobenzene	7.47	77	333419	43.920	ng	98
25) Isophorone	7.72	82	600846	42.741	ng	99
26) 2-Nitrophenol	7.79	139	169221	48.862	ng	99
27) 2,4-Dimethylphenol	7.83	122	270030	47.856	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	377814	42.176	ng	99
29) 2,4-Dichlorophenol	8.03	162	290102	44.960	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	310186	43.114	ng	99
31) Naphthalene	8.20	128	900103	44.666	ng	99
32) Benzoic acid	7.92	122	59510	15.617	ng	99
33) 4-Chloroaniline	8.24	127	211707	24.828	ng	98
34) Hexachlorobutadiene	8.32	225	183345	40.880	ng	99
35) Caprolactam	8.60	113	89585m	43.645	ng	
36) 4-Chloro-3-methylphenol	8.73	107	294591	46.083	ng	99
37) 2-Methylnaphthalene	8.89	142	614141	45.193	ng	99
38) 1-Methylnaphthalene	8.99	142	581982	44.372	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	314621	42.066	ng	99

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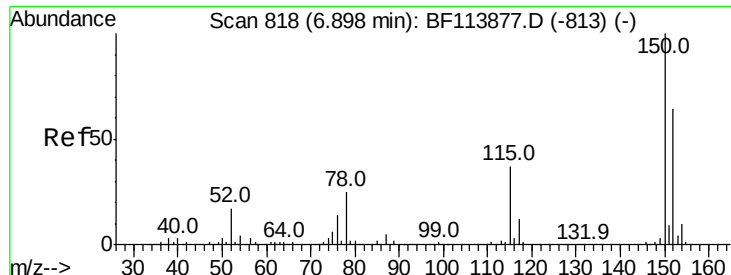
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	364768	87.459	nq	98
43) 2,4,6-Trichlorophenol	9.17	196	218222	45.948	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	242010	45.430	nq	100
46) 1,1'-Biphenyl	9.36	154	776541	44.148	nq	97
47) 2-Chloronaphthalene	9.38	162	618879	43.266	nq	98
48) 2-Nitroaniline	9.47	65	180168	48.048	nq	93
49) Acenaphthylene	9.80	152	971416	43.380	nq	99
50) Dimethylphthalate	9.66	163	939359	56.411	nq	98
51) 2,6-Dinitrotoluene	9.71	165	173899	48.677	nq	93
52) Acenaphthene	9.97	154	620402	46.879	nq	97
53) 3-Nitroaniline	9.88	138	131403	35.003	nq	90
54) 2,4-Dinitrophenol	9.99	184	115917	75.516	nq	# 4
55) Dibenzofuran	10.14	168	896126	45.205	nq	98
56) 4-Nitrophenol	10.05	139	289551	97.414	nq	99
57) 2,4-Dinitrotoluene	10.12	165	236903	52.537	nq	98
58) Fluorene	10.48	166	691253	46.316	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	222430	47.514	nq	99
60) Diethylphthalate	10.35	149	729742	46.148	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	353602	44.737	nq	98
62) 4-Nitroaniline	10.49	138	185436	50.618	nq	99
63) Azobenzene	10.63	77	664165	43.336	nq	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	102820	46.547	nq	98
66) n-Nitrosodiphenylamine	10.59	169	629846	43.312	nq	98
67) 4-Bromophenyl-phenylether	10.96	248	238080	40.664	nq	97
68) Hexachlorobenzene	11.03	284	263449	40.947	nq	98
69) Atrazine	11.12	200	221945	46.916	nq	100
70) Pentachlorophenol	11.23	266	307192	84.329	nq	98
71) Phenanthrene	11.45	178	1185480	48.672	nq	100
72) Anthracene	11.50	178	1123690	45.685	nq	99
73) Carbazole	11.65	167	1030202	46.948	nq	100
74) Di-n-butylphthalate	11.97	149	1166889	45.206	nq	100
75) Fluoranthene	12.63	202	1315252	49.494	nq	99
77) Benzidine	12.75	184	465655	36.099	nq	98
78) Pyrene	12.86	202	1317407	43.514	nq	98
80) Butylbenzylphthalate	13.47	149	536166	45.011	nq	96
81) Benzo(a)anthracene	14.06	228	1215811	47.665	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	337346	36.083	nq	97
83) Chrysene	14.09	228	1184959	47.700	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	746693	49.269	nq	99
85) Di-n-octyl phthalate	14.67	149	1299185	54.767	nq	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1185415	50.377	nq	98
88) Benzo(b)fluoranthene	15.13	252	1361373	45.668	nq	99
89) Benzo(k)fluoranthene	15.16	252	1078713	42.069	nq	99
90) Benzo(a)pyrene	15.50	252	1179584	45.748	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	989444	40.879	nq	100
92) Benzo(g,h,i)perylene	17.52	276	961084	39.347	nq	98

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



#1

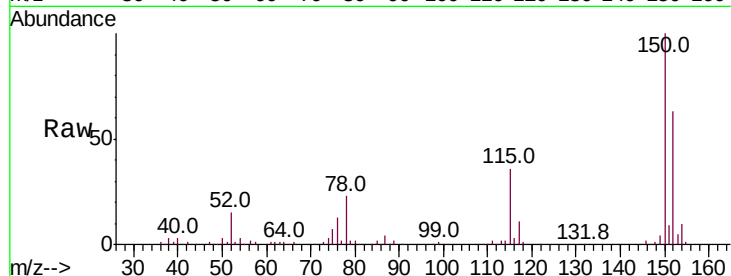
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.9	188.9
115	58.1	45.9	68.9

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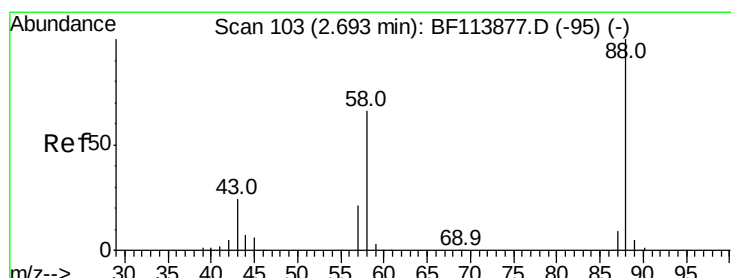
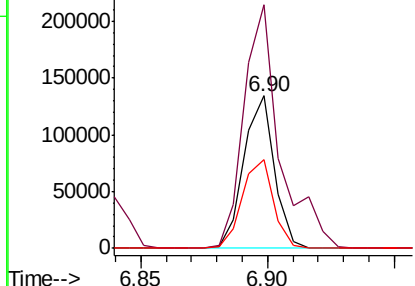
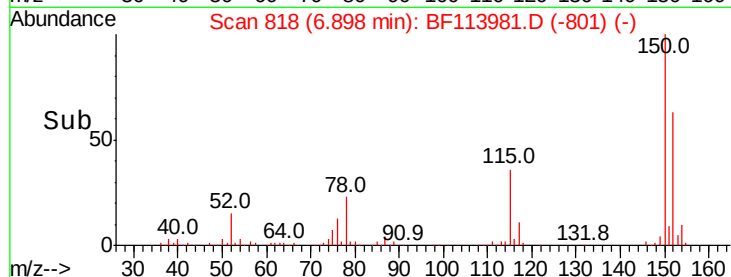


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

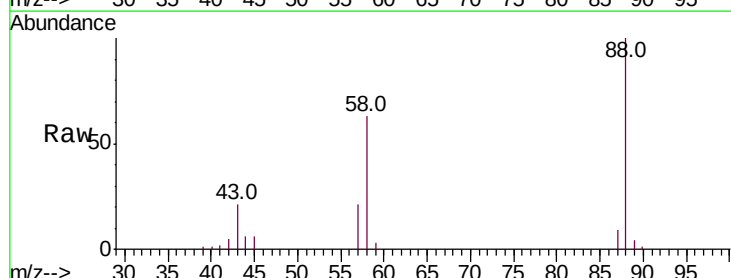
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.525 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	53.3	79.9
43	24.0	19.0	28.4

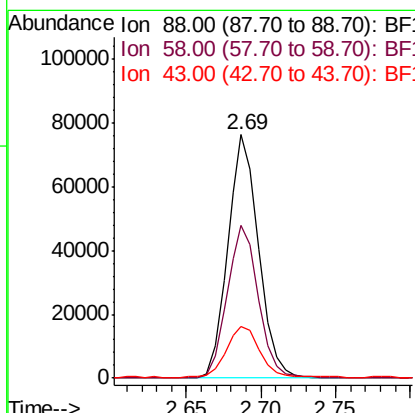
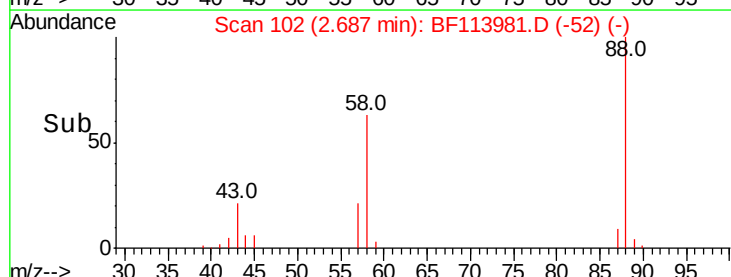


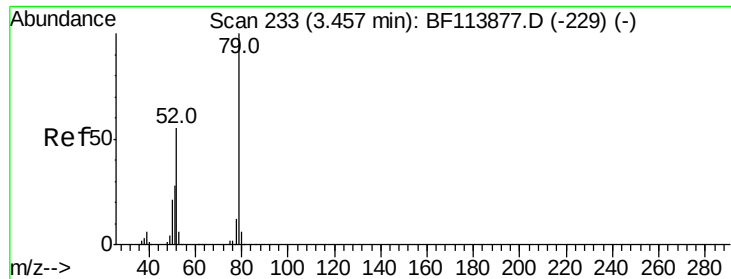
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.839 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

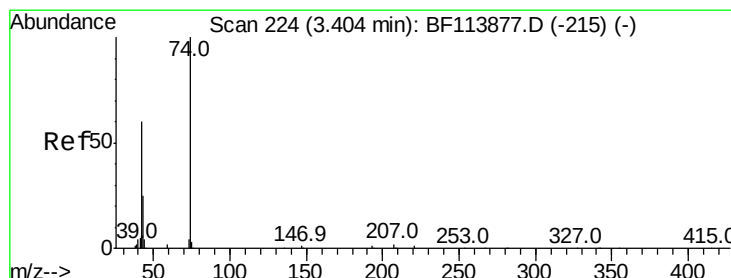
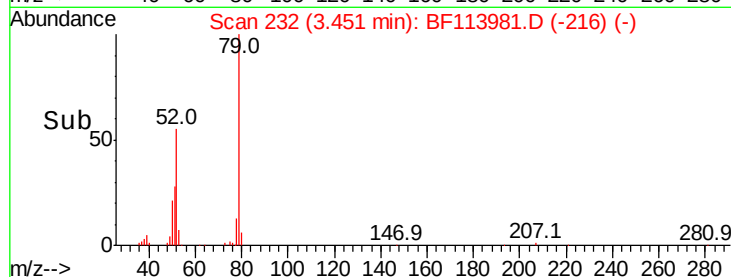
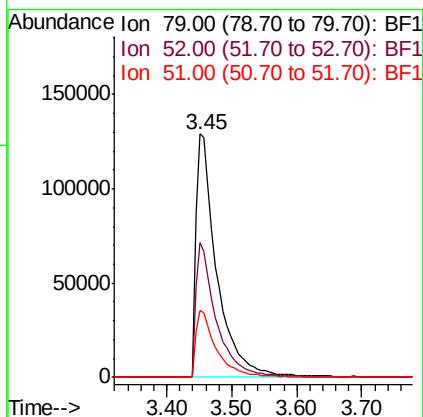
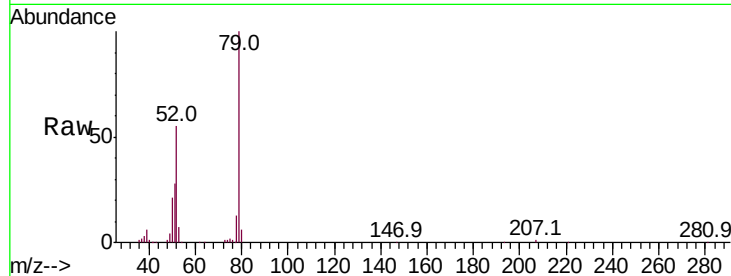
ClientSampleId :

RBR200051MS

Tot Ion:	79	Resp:	286347
Ion Ratio	Lower	Upper	
79	100		
52	55.3	45.3	67.9
51	27.6	22.1	33.1

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#4

n-Nitrosodimethylamine

Concen: 37.390 ng

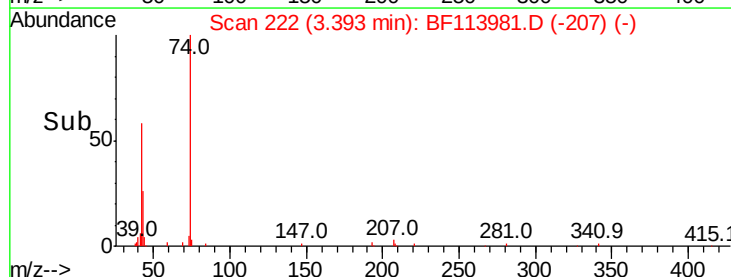
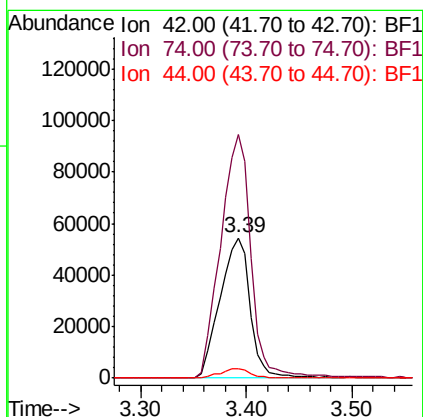
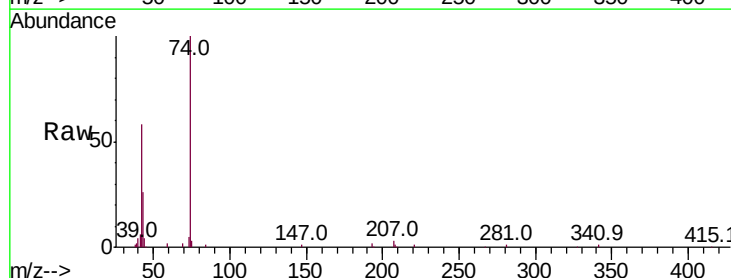
RT: 3.39 min Scan# 222

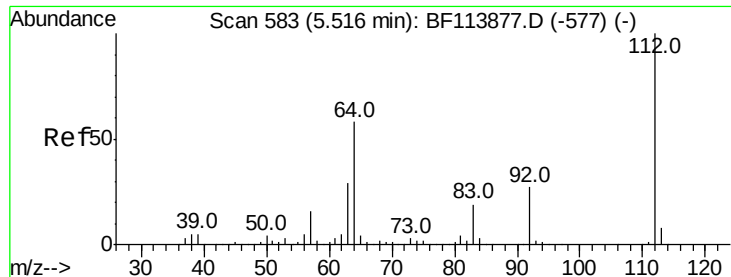
Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Tgt Ion:	42	Resp:	108306
Ion Ratio	Lower	Upper	
42	100		
74	173.8	132.6	198.8
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 119.161 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

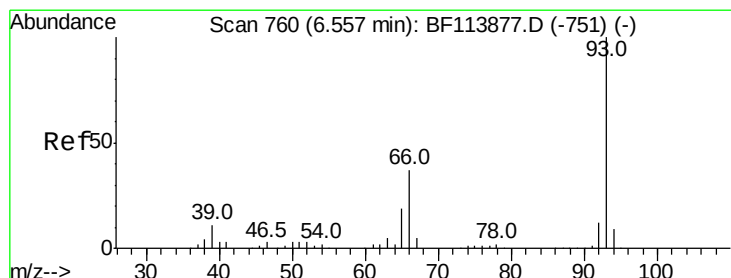
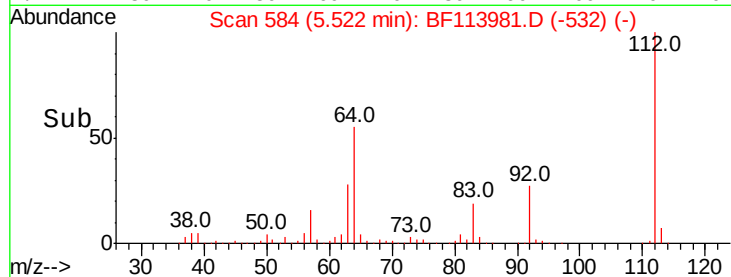
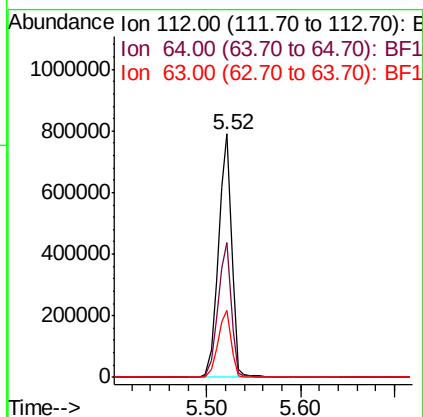
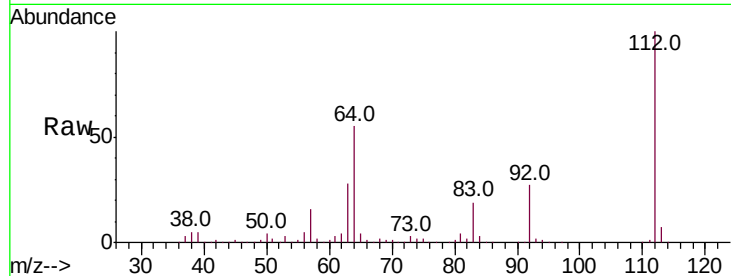
ClientSampleId :

RBR200051MS

Tot Ion:	112	Resp:	783672
Ion Ratio	Lower	Upper	
112	100		
64	55.4	46.6	69.8
63	27.7	23.1	34.7

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#6

Aniline

Concen: 29.507 ng

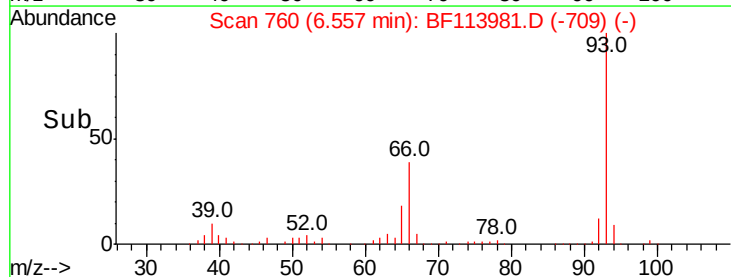
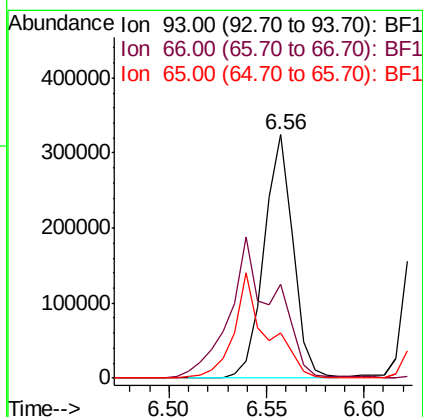
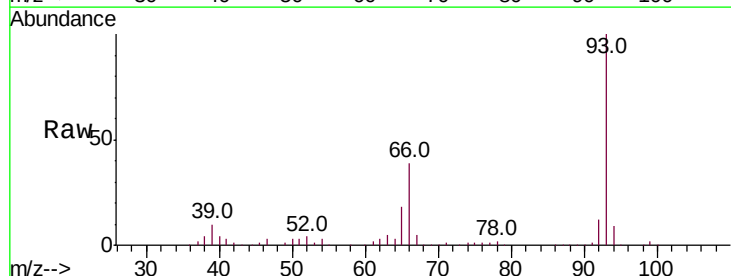
RT: 6.56 min Scan# 760

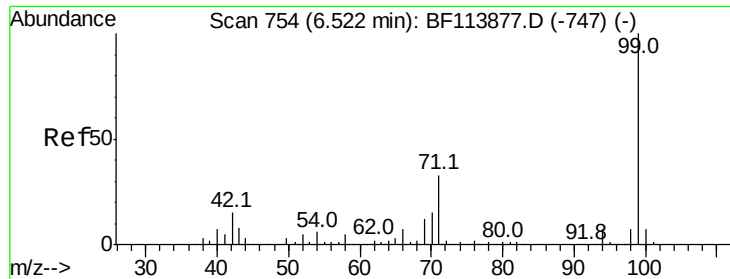
Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Tgt Ion:	93	Resp:	334325
Ion Ratio	Lower	Upper	
93	100		
66	38.6	29.8	44.6
65	18.4	14.9	22.3





#7

Phenol-d6

Concen: 123.713 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

RBR200051MS

Tot Ion: 99 Resp: 1020769

Ion Ratio Lower Upper

99 100

42 15.1 12.5 18.7

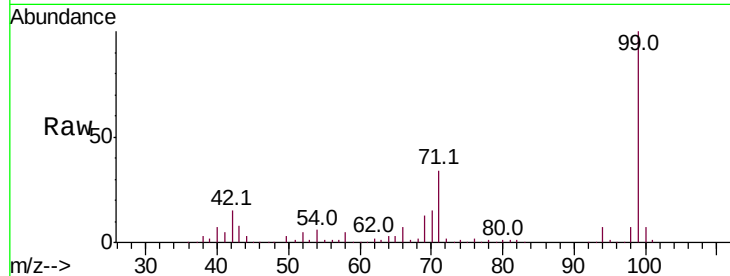
71 34.2 26.9 40.3

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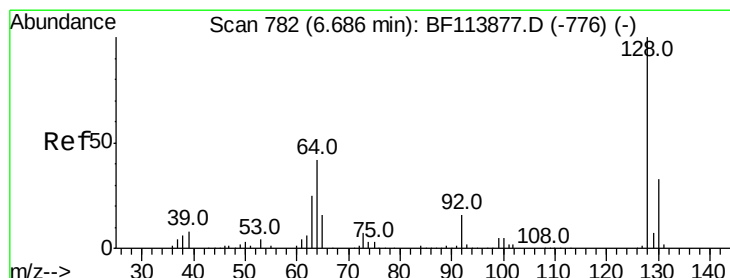
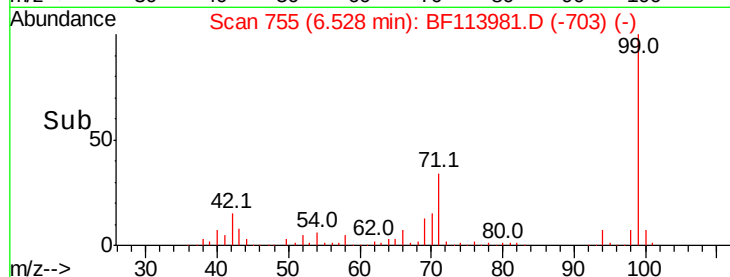
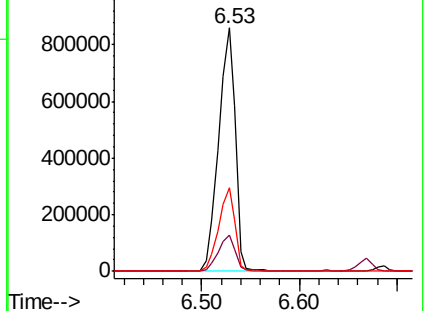
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.286 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

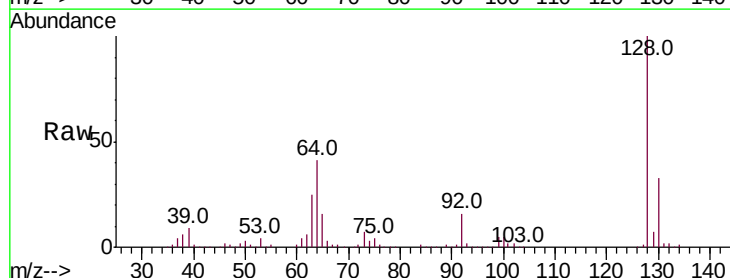
Tgt Ion:128 Resp: 309996

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

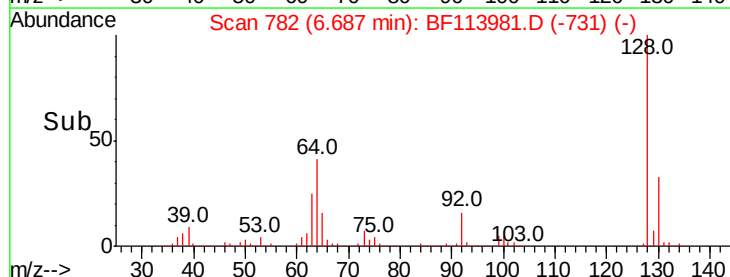
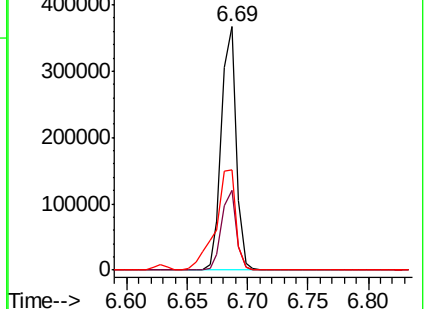
64 41.3 26.1 66.1

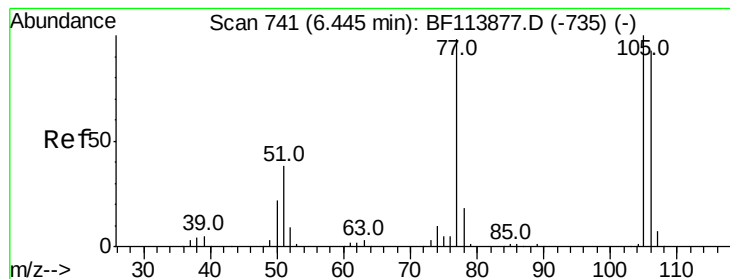


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.397 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

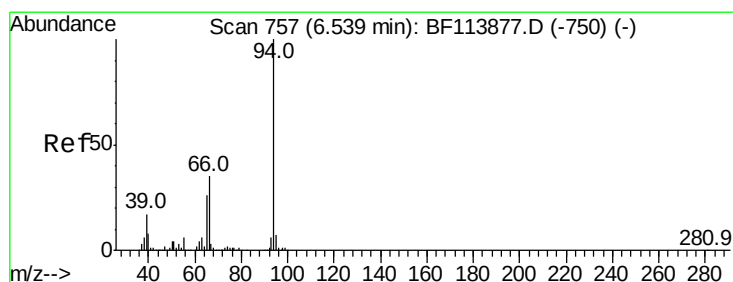
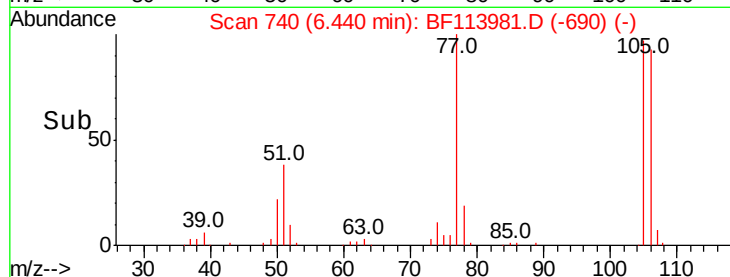
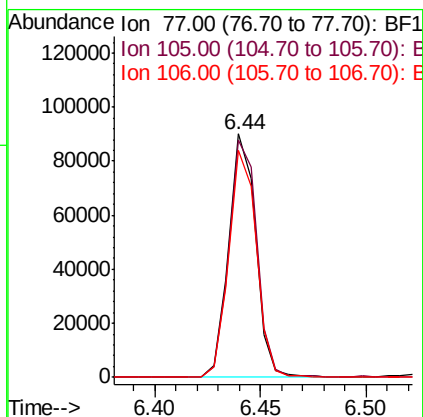
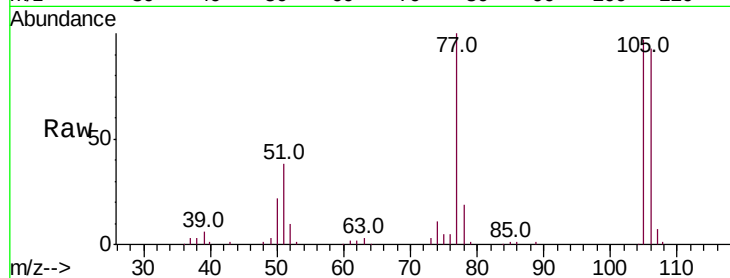
RBR200051MS

Tot Ion: 77 Resp: 79194

Ion	Ratio	Lower	Upper
77	100		
105	97.2	74.1	114.1
106	93.3	70.3	110.3

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#10

Phenol

Concen: 40.056 ng

RT: 6.54 min Scan# 757

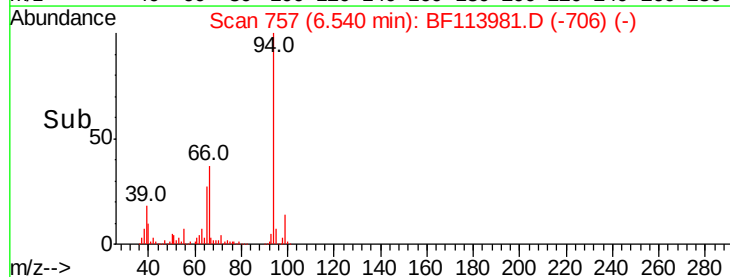
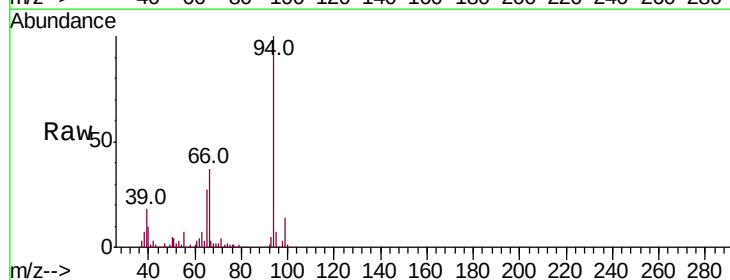
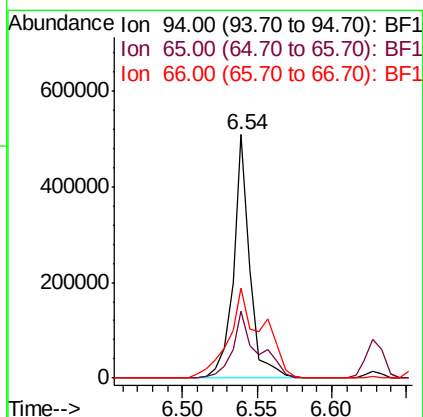
Delta R.T. 0.00 min

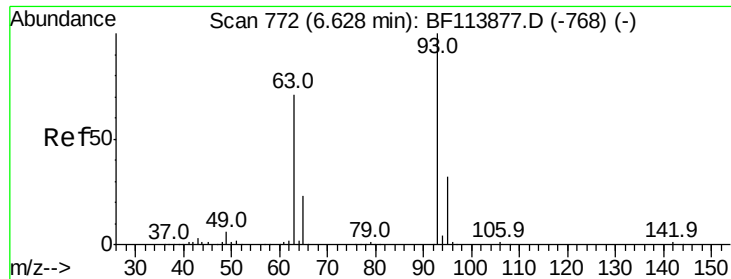
Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Tgt Ion: 94 Resp: 395210

Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.1	48.1
66	37.1	16.6	56.6





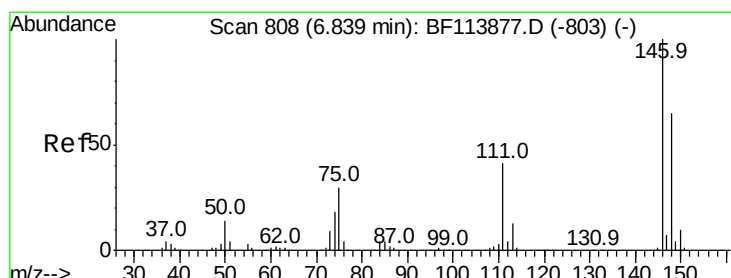
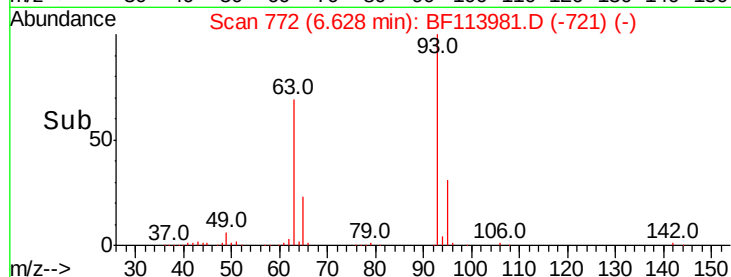
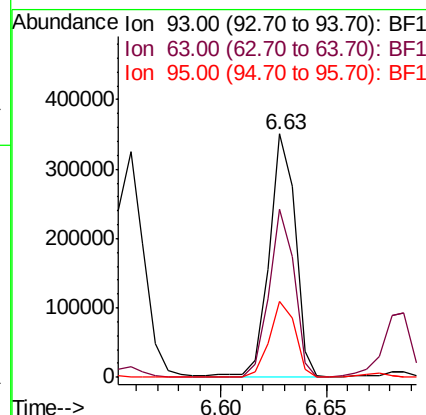
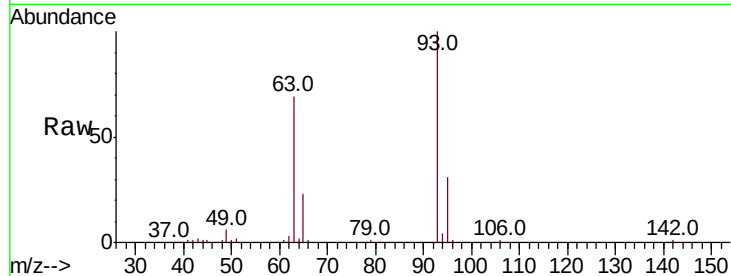
#11
bis(2-Chloroethyl)ether
Concen: 40.607 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.1	50.7	90.7
95	31.1	12.3	52.3

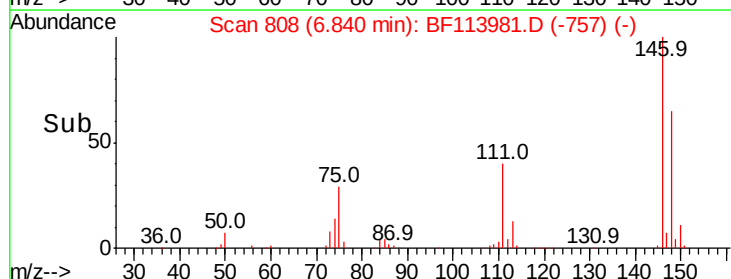
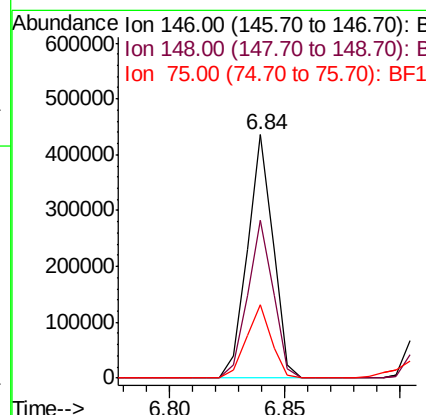
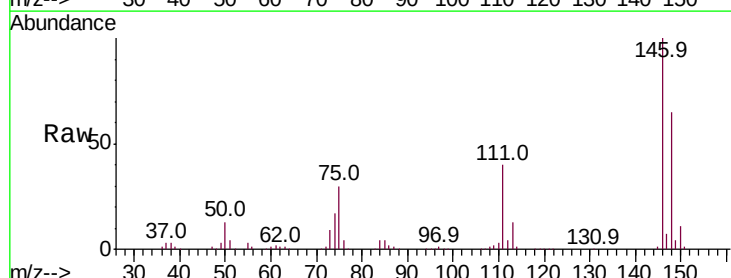
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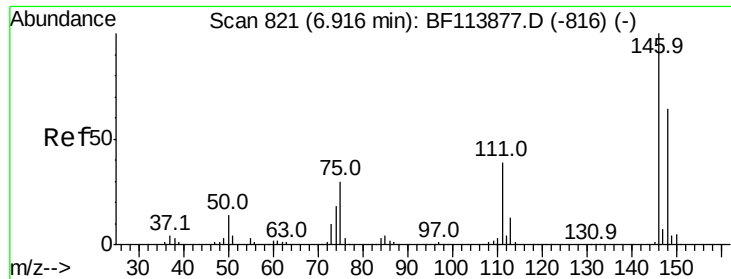
Sohil
4/29/2019 5:49:48 AM



#12
1,3-Dichlorobenzene
Concen: 39.905 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
75	29.9	23.8	35.8





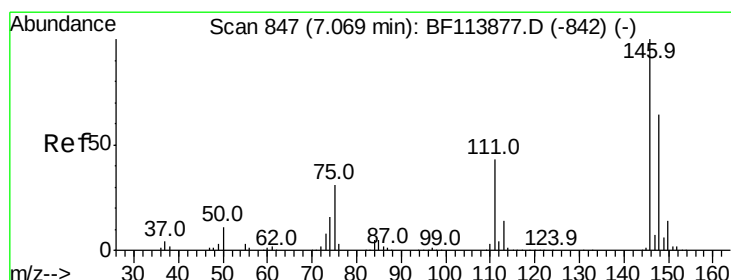
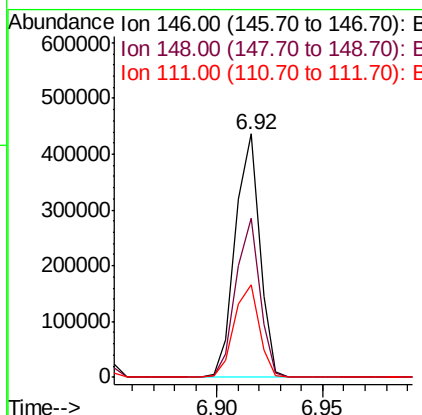
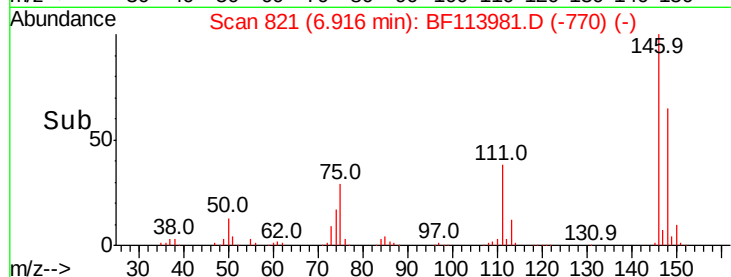
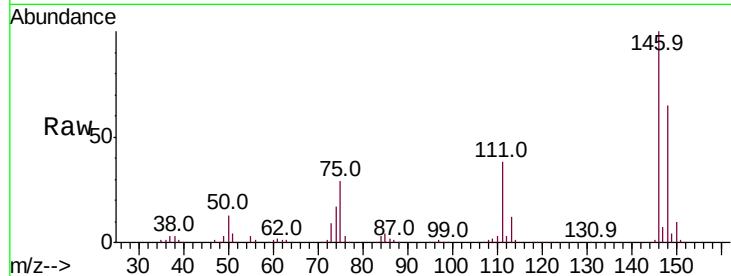
#13
 1,4-Dichlorobenzene
 Concen: 40.665 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
111	37.8	30.9	46.3

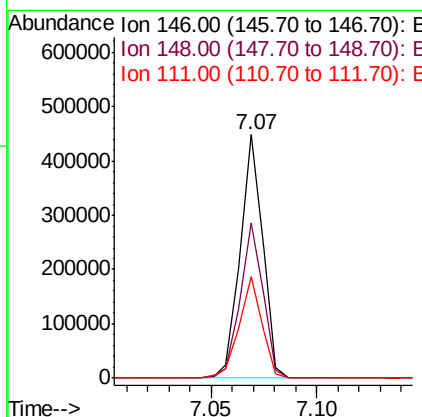
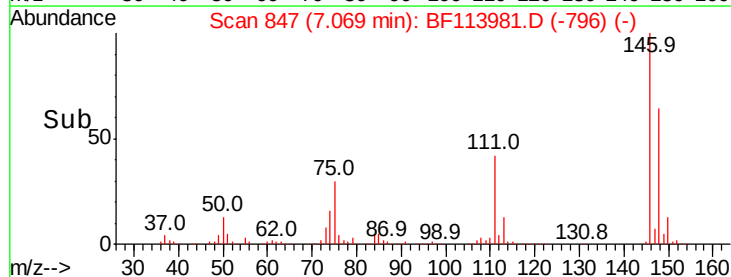
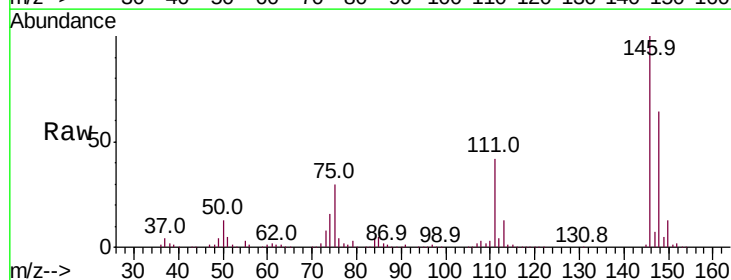
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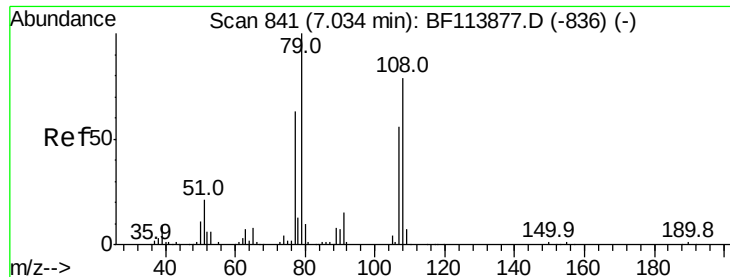
Sohil
 4/29/2019 5:49:48 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.871 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
111	41.7	34.2	51.4





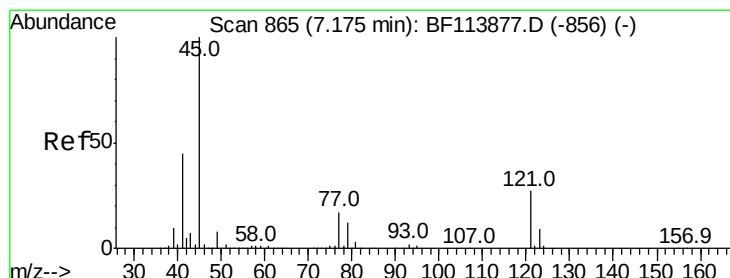
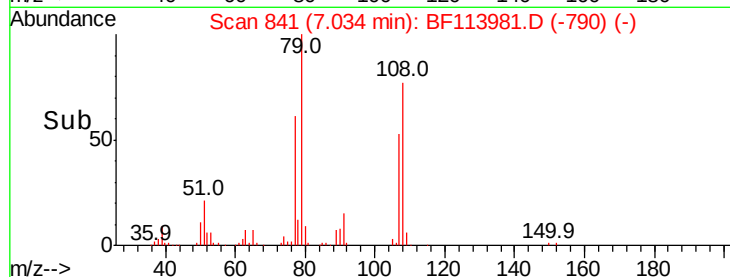
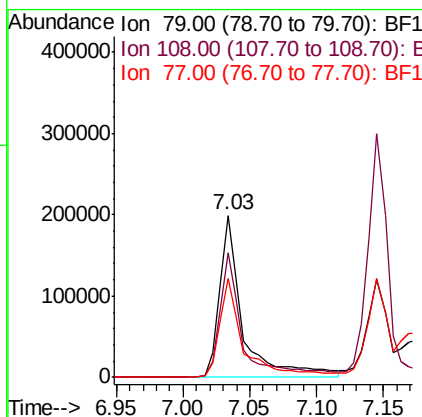
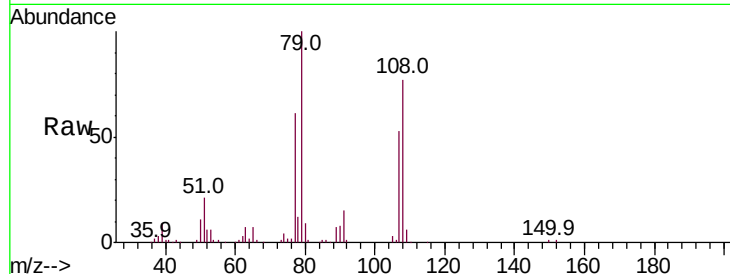
#15
Benzyl Alcohol
Concen: 44.134 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	61.4	92.0
77	61.1	51.6	77.4

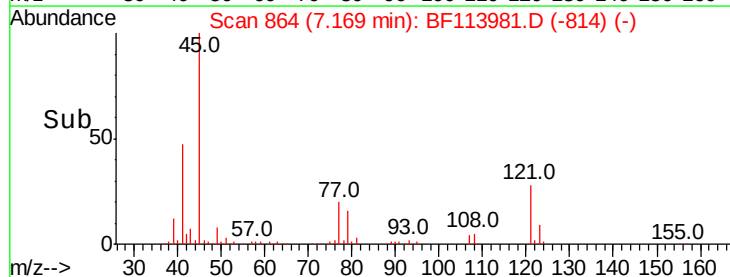
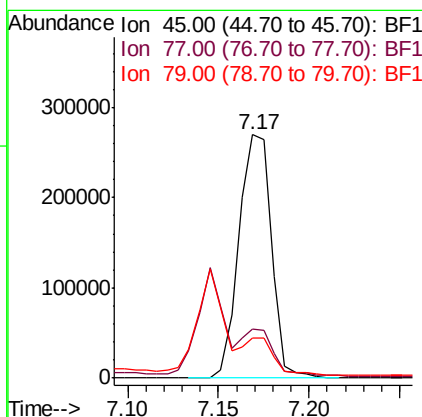
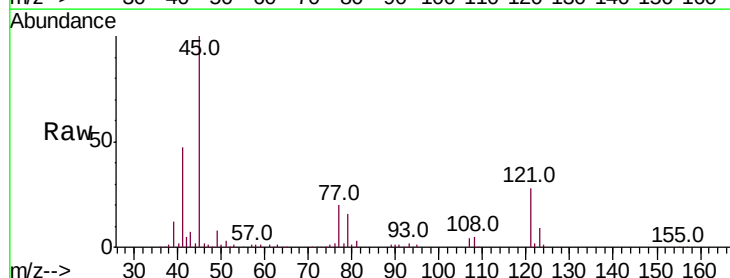
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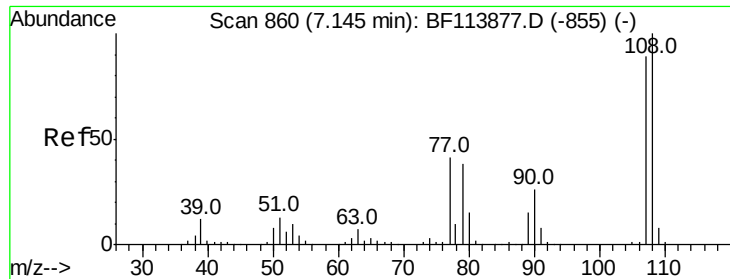
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.780 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.1	0.0	37.0
79	16.2	0.0	32.7





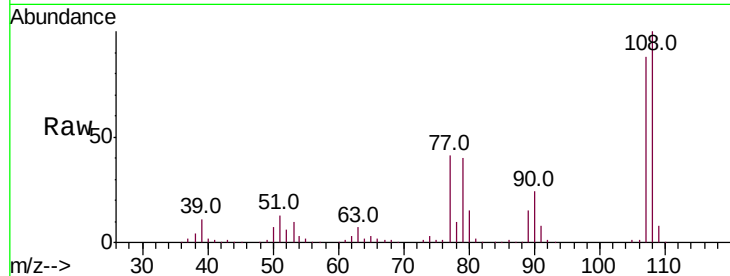
#17
2-Methylphenol
Concen: 42.535 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	91.5	137.3	
77	46.4	36.2	54.4	
79	45.7	35.4	53.0	

Manual Integrations
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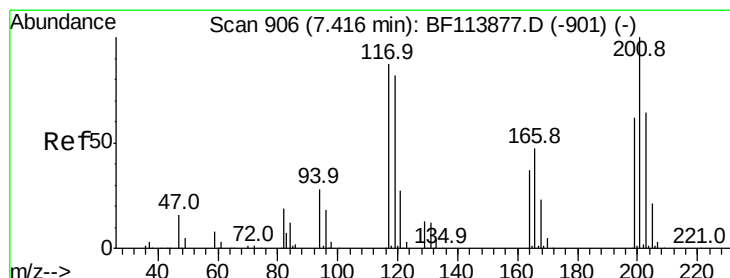
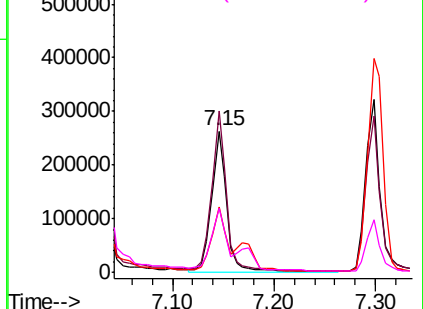
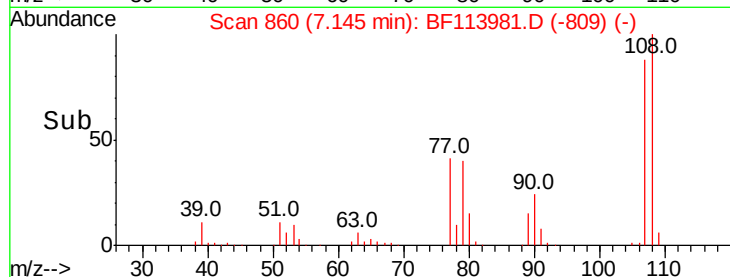
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

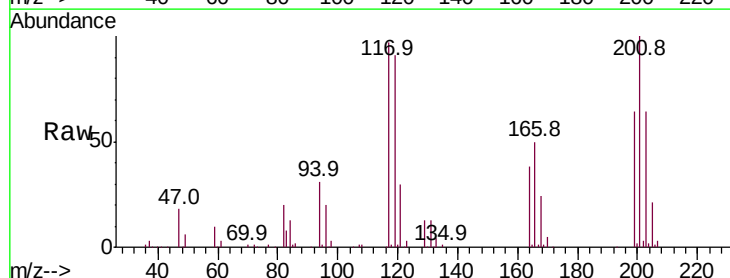
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.664 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	74.4	111.6	
201	102.9	90.2	135.2	

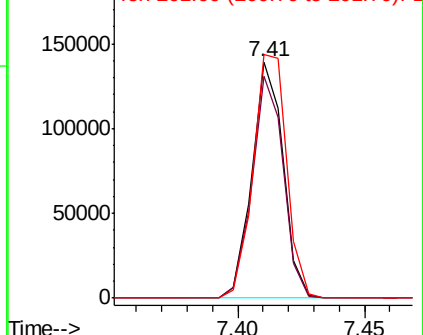
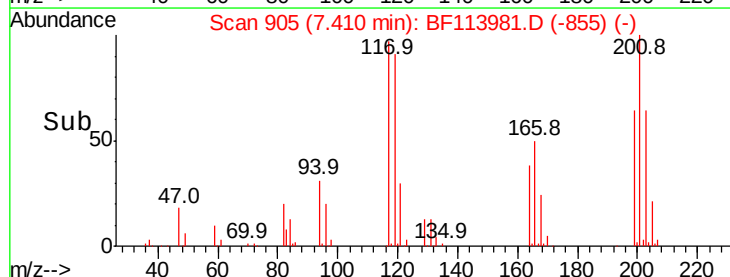


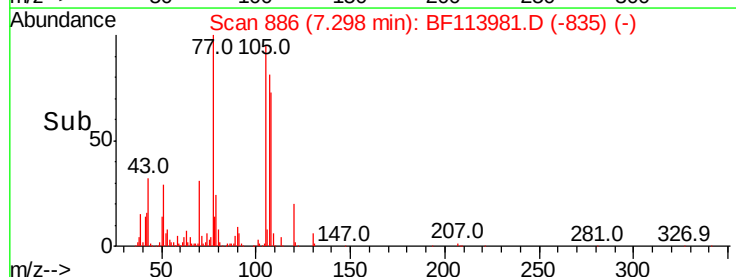
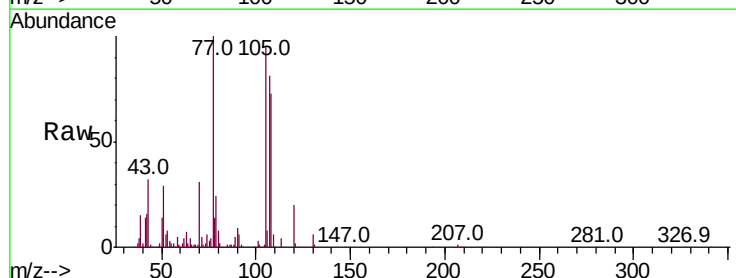
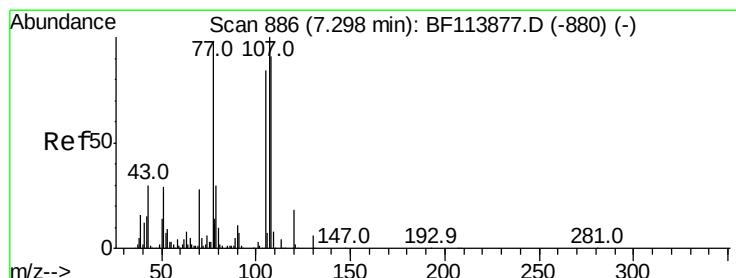
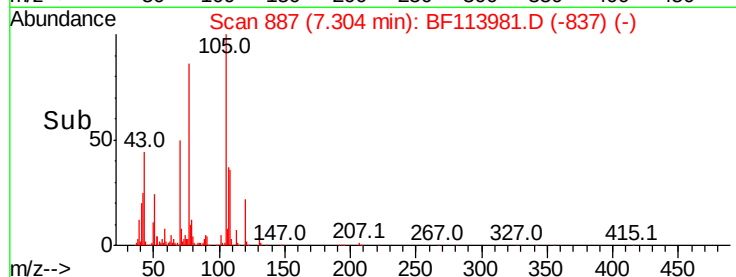
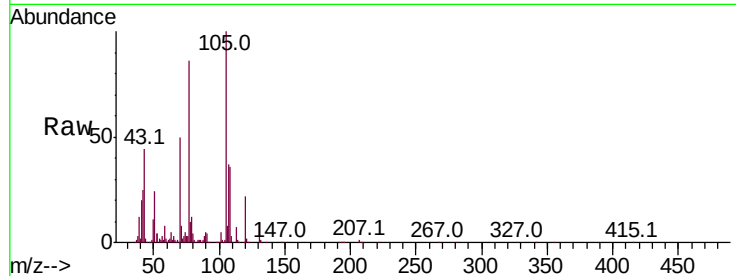
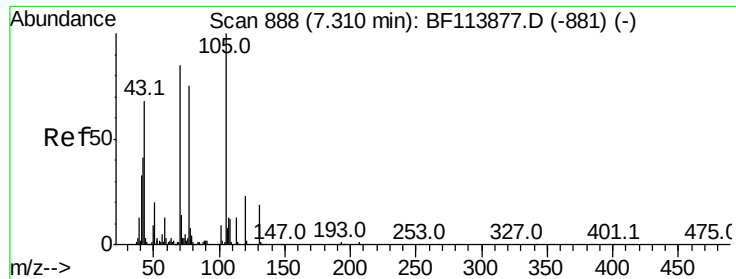
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





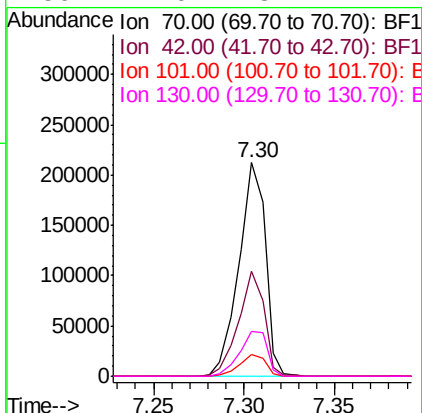
#19
n-Nitroso-di-n-propylamine
Concen: 40.383 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.4	37.3	55.9
101	10.0	7.8	11.8
130	21.0	18.2	27.2

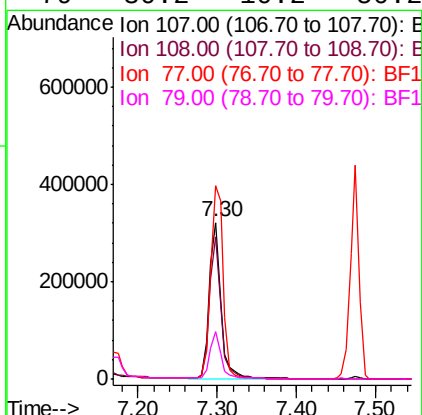
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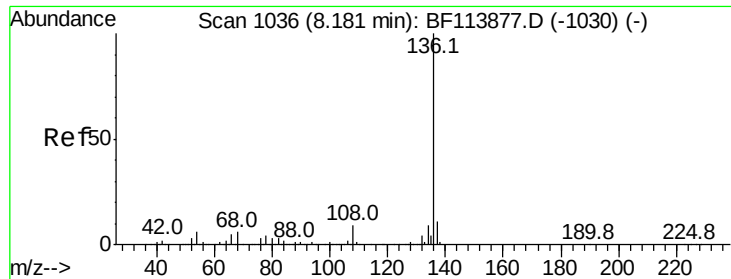
Sohil
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#20
3+4-Methylphenols
Concen: 44.214 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.1	110.1
77	123.6	52.9	92.9#
79	30.2	10.2	50.2





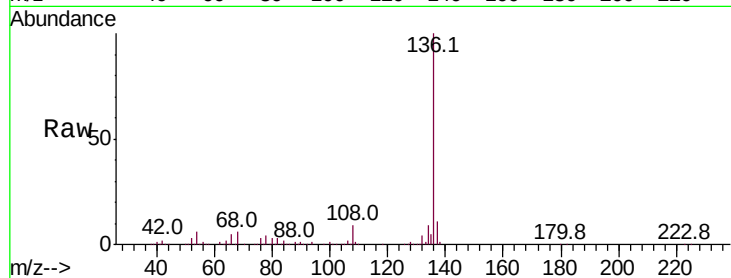
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	424203		
137	10.8		8.6	12.8
54	6.0		5.0	7.6
68	6.0		4.9	7.3

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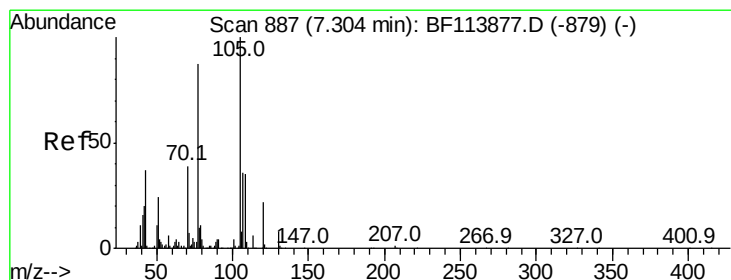
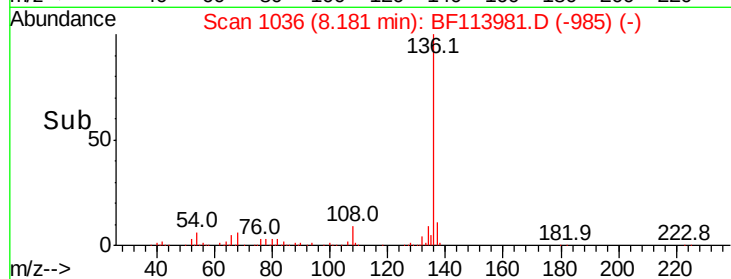
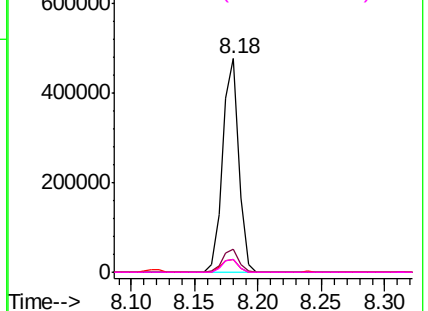
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

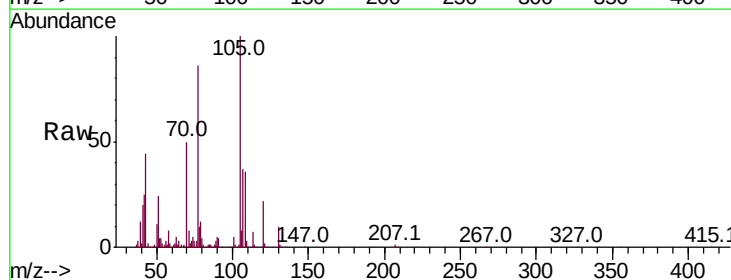
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.301 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	427636		
71	8.4		6.1	9.1
51	23.6		16.8	25.2
120	21.9		17.6	26.4



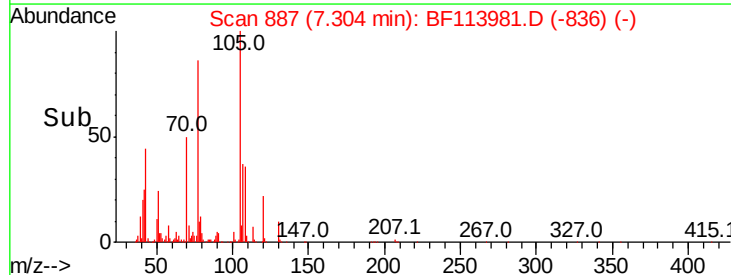
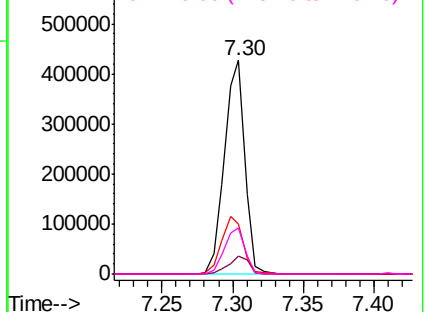
Abundance

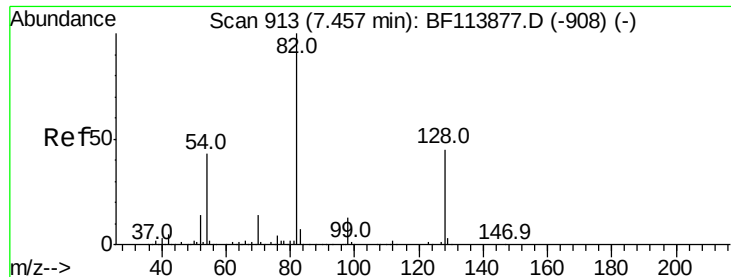
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





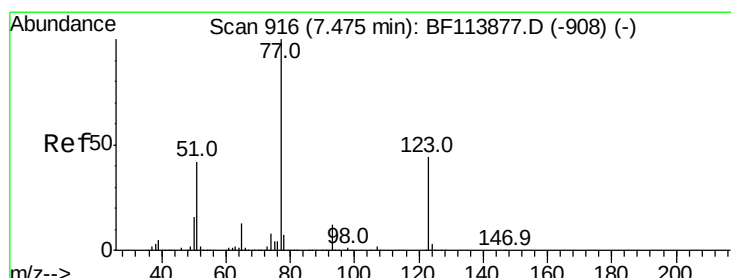
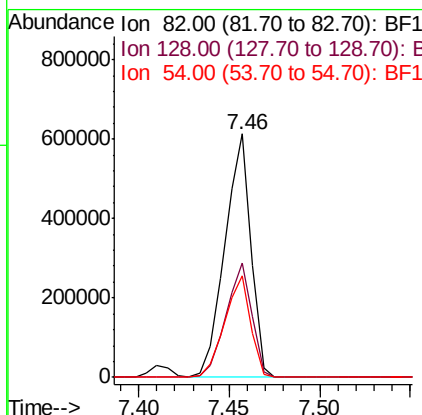
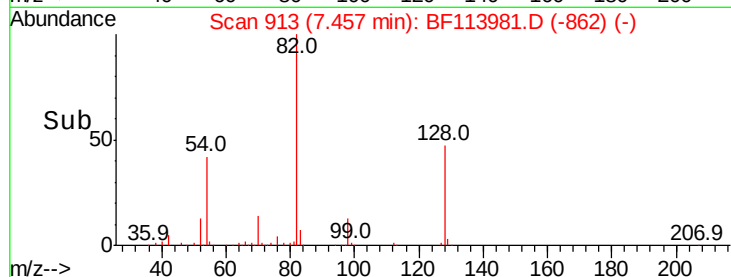
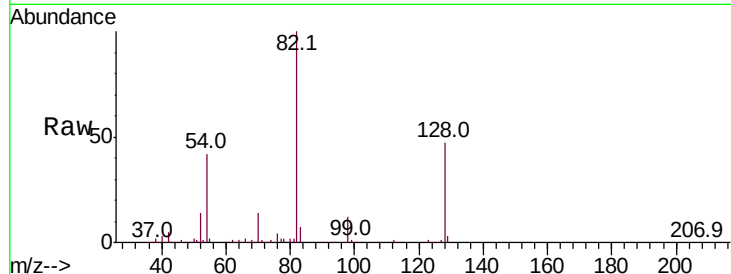
#23
 Nitrobenzene-d5
 Concen: 88.911 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.8	55.2
54	41.9	33.8	50.6

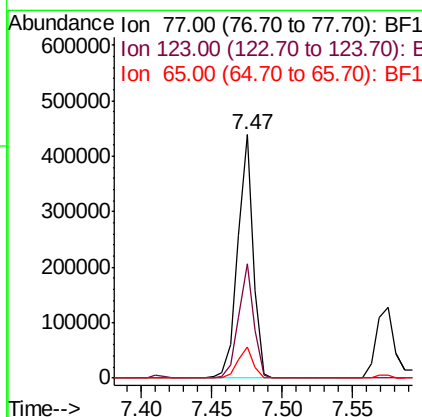
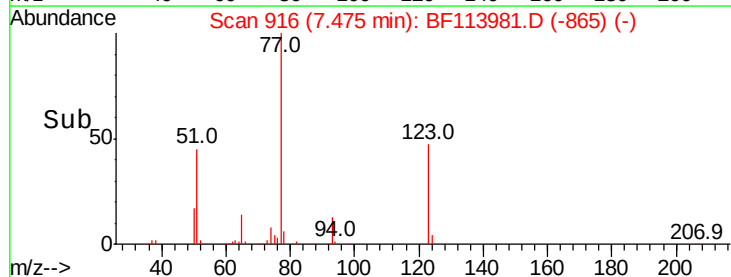
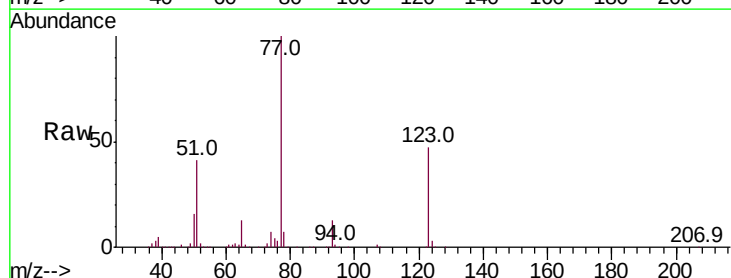
Manual Integrations
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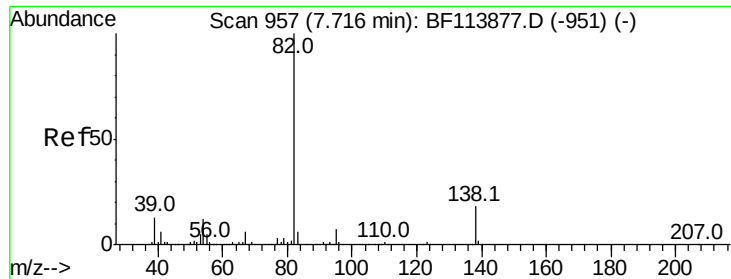
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 4/29/2019 5:49:48 AM



#24
 Nitrobenzene
 Concen: 43.920 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	36.3	54.5
65	12.7	10.3	15.5





#25

Isophorone

Concen: 42.741 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

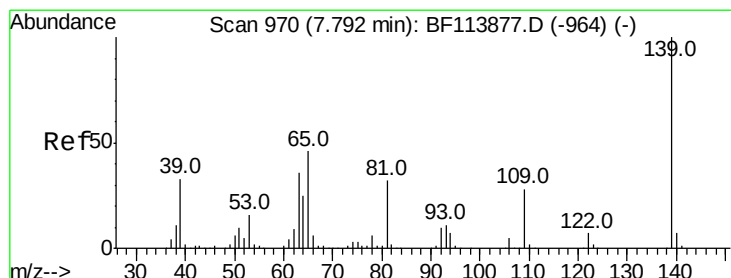
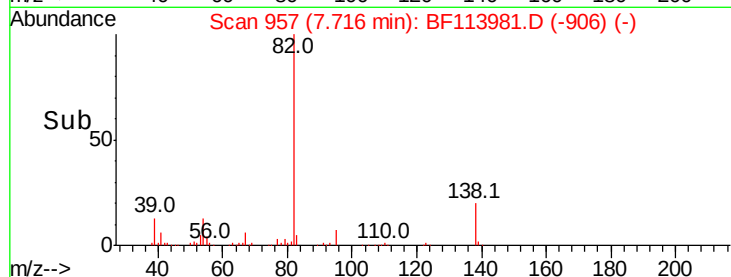
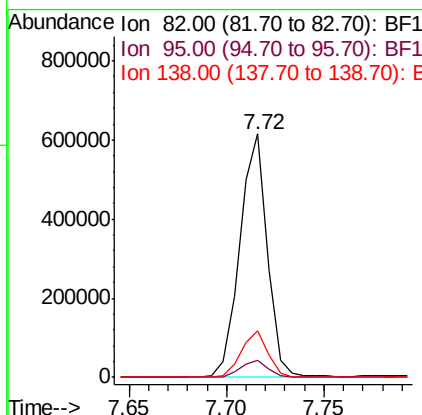
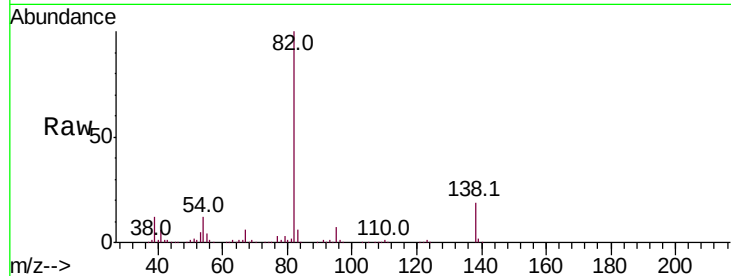
ClientSampleId :

RBR200051MS

Tot Ion:	82	Resp:	600846
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	19.0	14.6	22.0

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#26

2-Nitrophenol

Concen: 48.862 ng

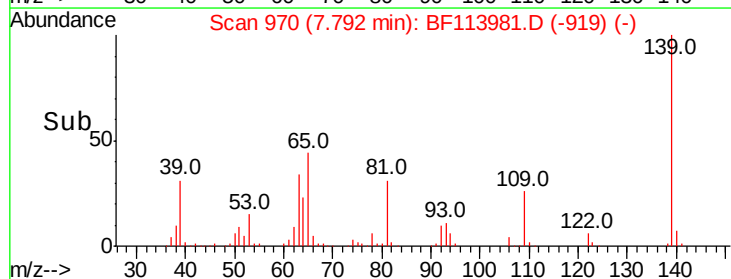
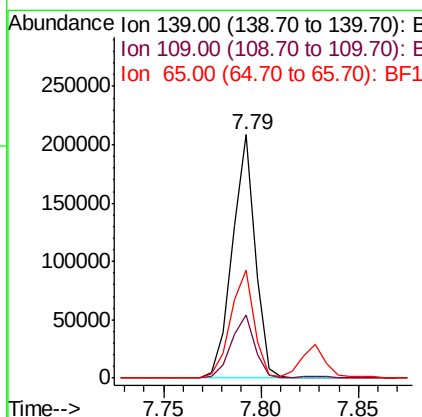
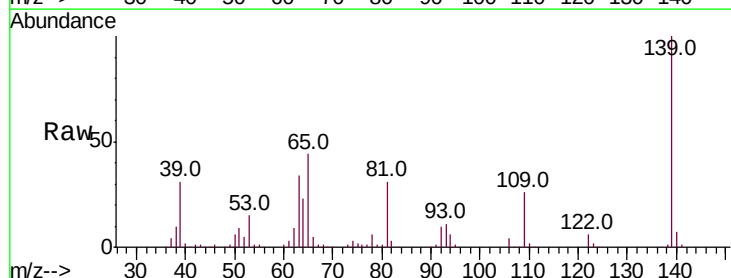
RT: 7.79 min Scan# 970

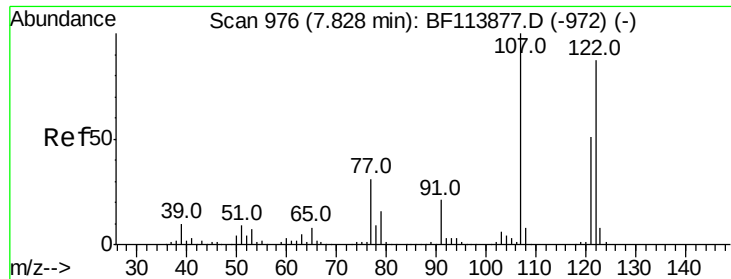
Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Tgt Ion:	139	Resp:	169221
Ion Ratio	Lower	Upper	
139	100		
109	25.9	20.6	31.0
65	44.5	34.6	52.0





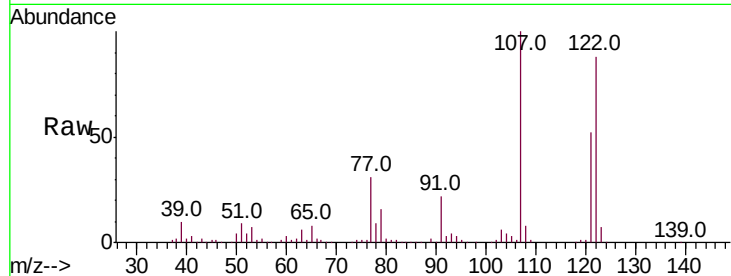
#27
2,4-Dimethylphenol
Concen: 47.856 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	270030		
107	113.8	91.2	136.8	
121	59.0	46.4	69.6	

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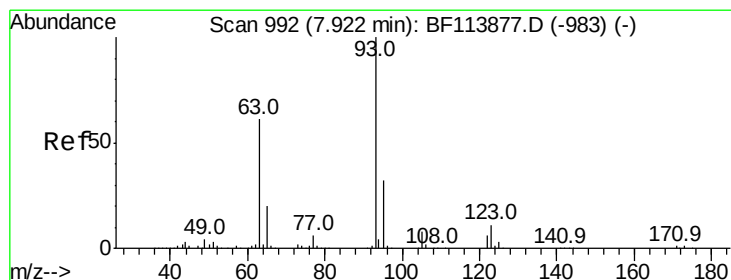
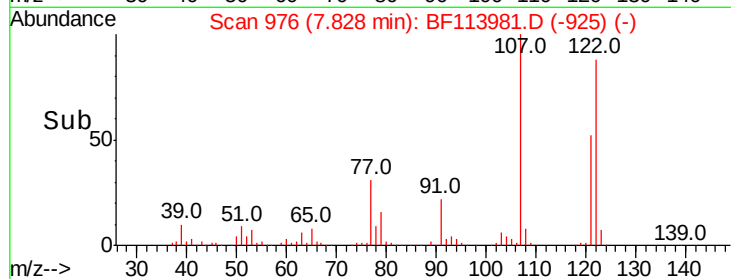
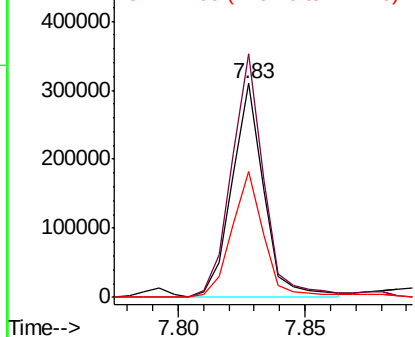


Abundance

Ion 122.00 (121.70 to 122.70): E

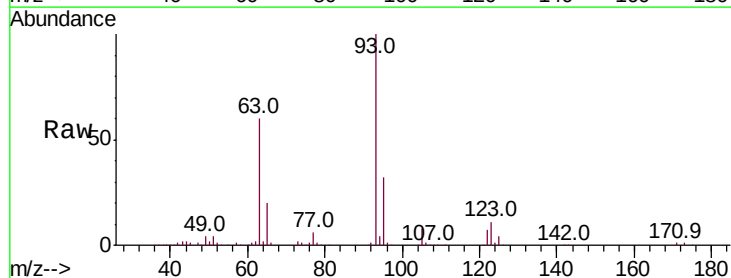
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.176 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	377814		
95	31.7	25.8	38.6	
123	11.5	9.0	13.6	

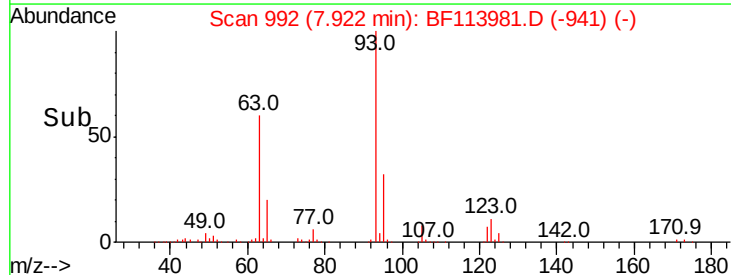
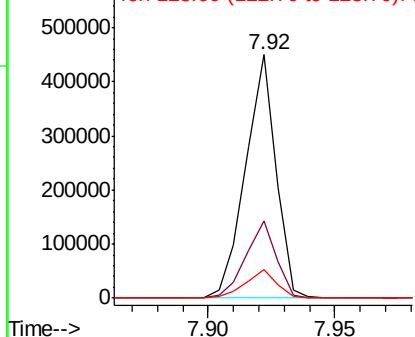


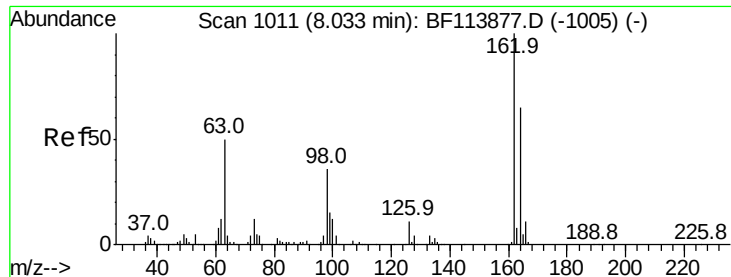
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





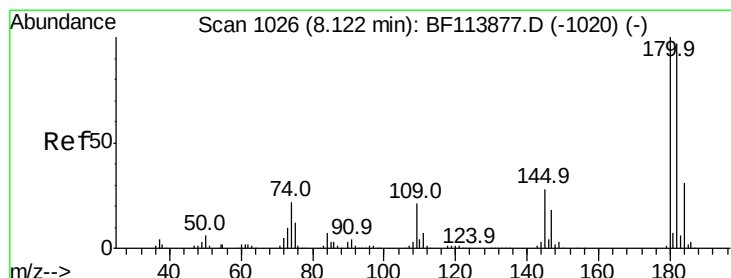
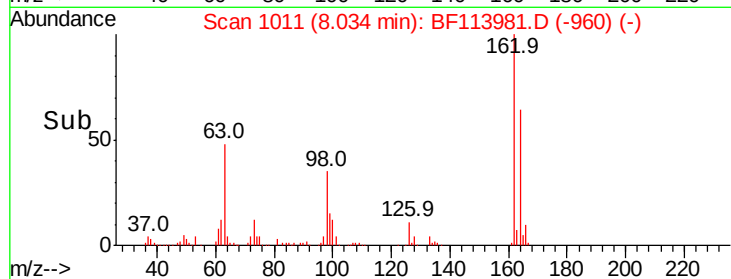
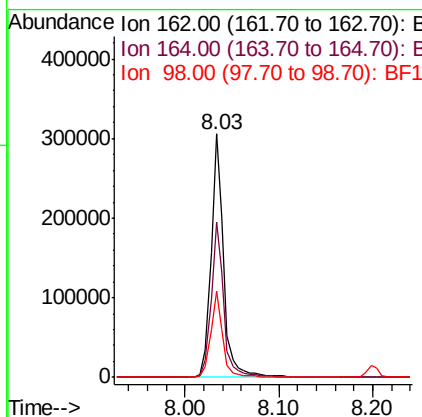
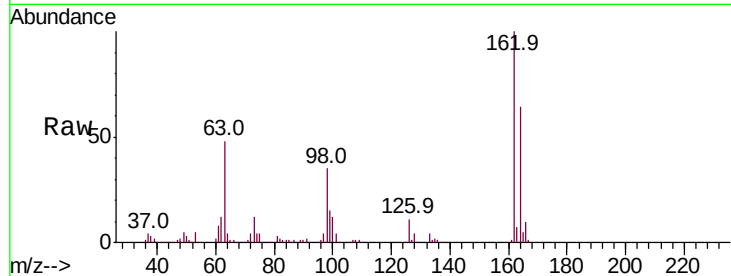
#29
 2,4-Dichlorophenol
 Concen: 44.960 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	290102		
164	63.9	43.7	83.7	
98	35.4	15.5	55.5	

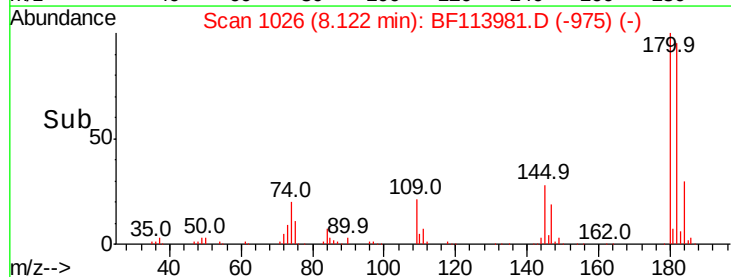
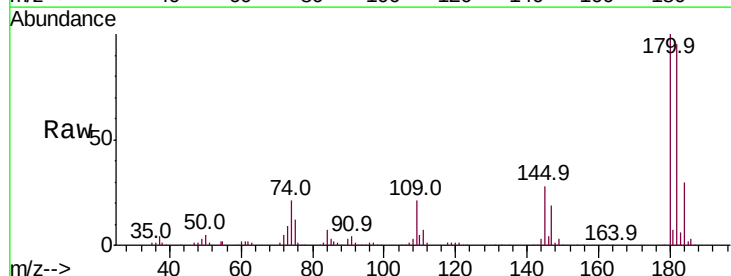
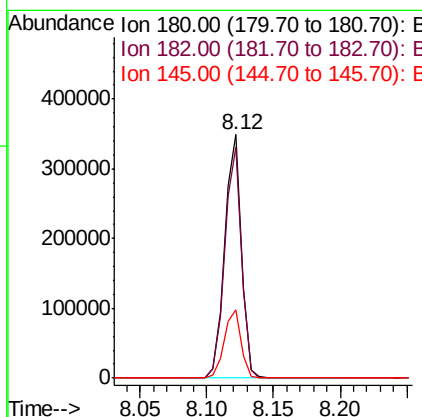
Manual Integrations
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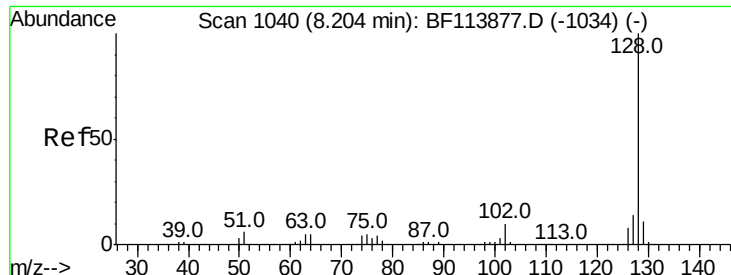
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.114 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	310186		
182	95.0	75.4	113.0	
145	28.0	23.0	34.4	





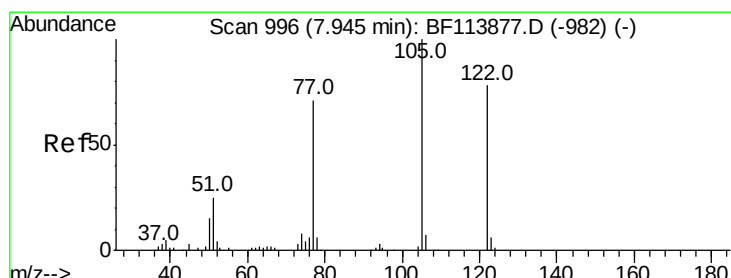
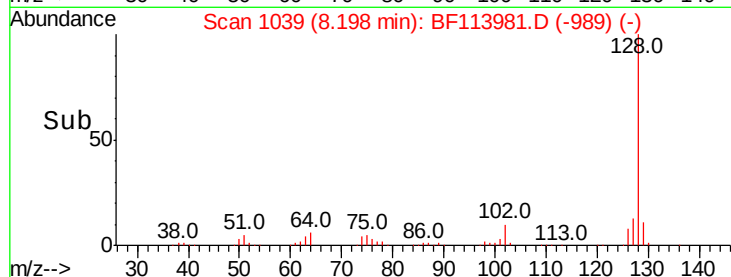
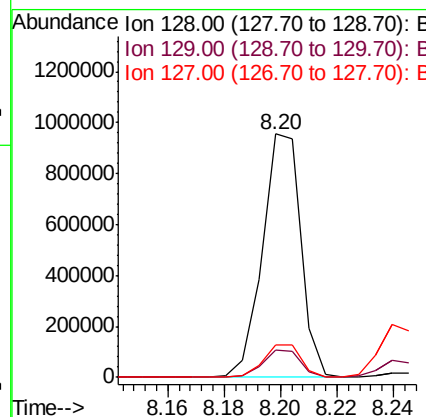
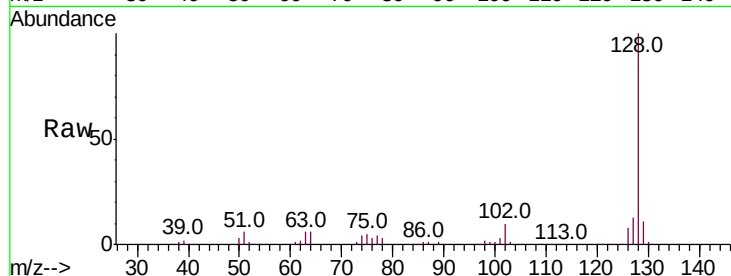
#31
Naphthalene
Concen: 44.666 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	900103		
129	11.4		9.4	14.0
127	13.3		10.8	16.2

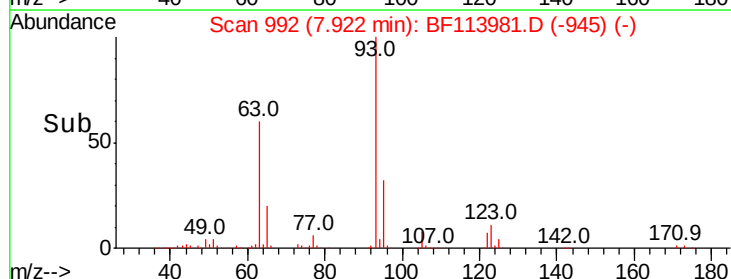
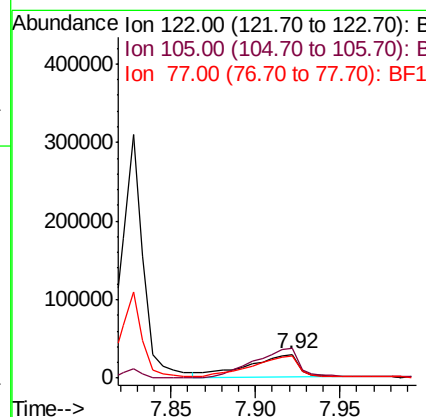
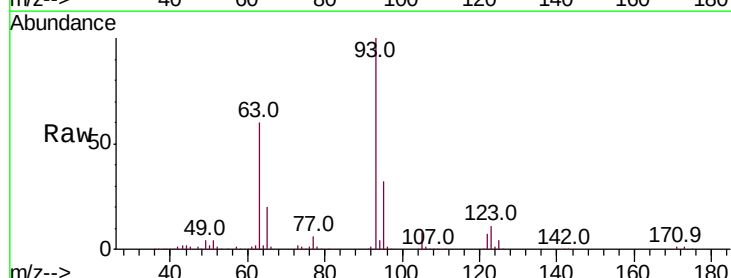
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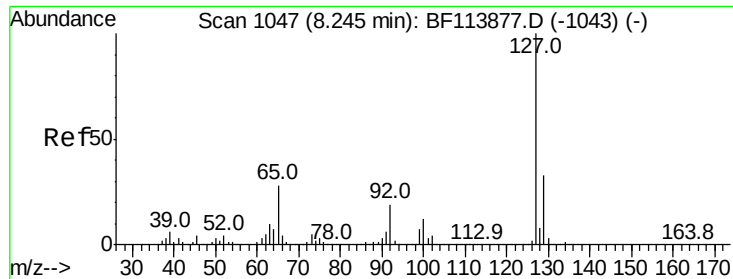
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#32
Benzoic acid
Concen: 15.617 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	59510		
105	123.6		104.3	144.3
77	92.2		70.4	110.4





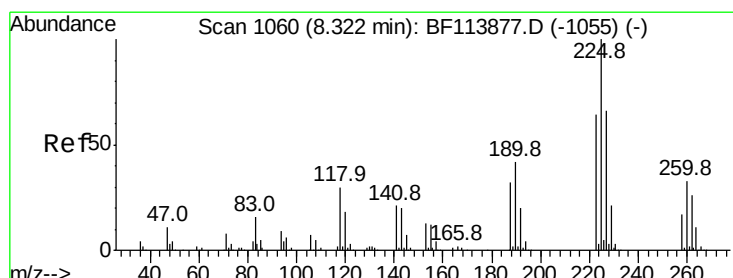
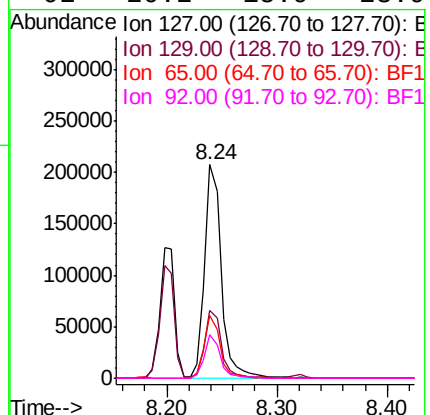
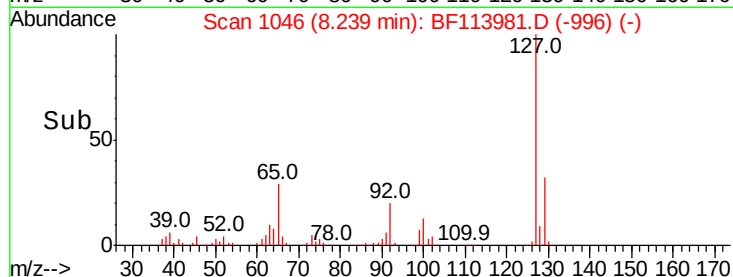
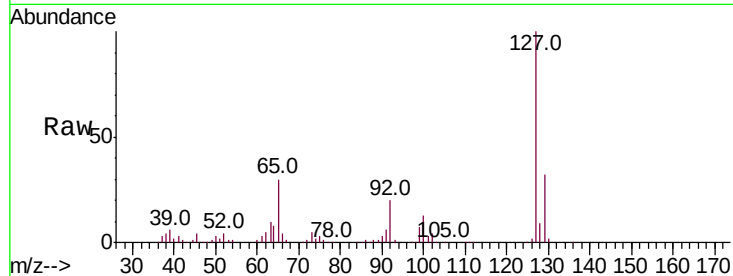
#33
4-Chloroaniline
Concen: 24.828 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.4	39.6		
65	29.5	24.9	37.3		
92	20.2	15.9	23.9		

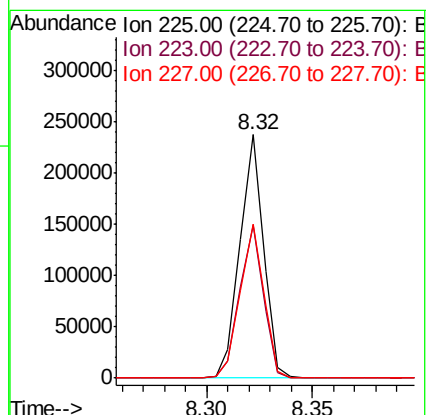
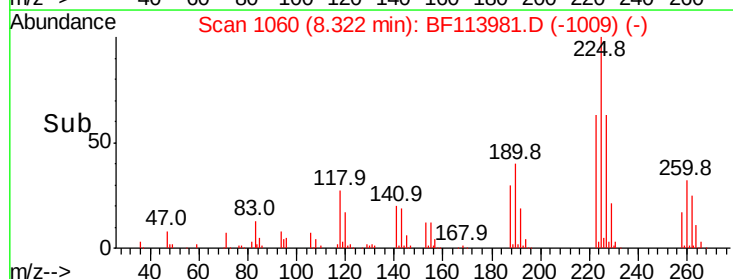
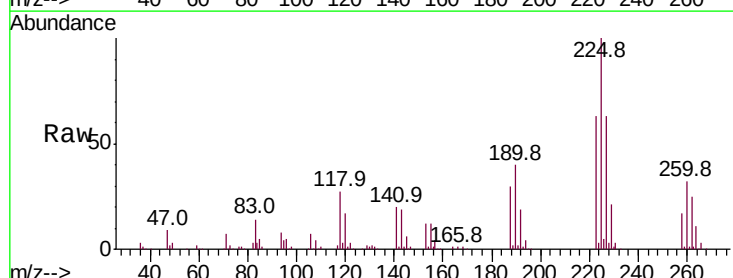
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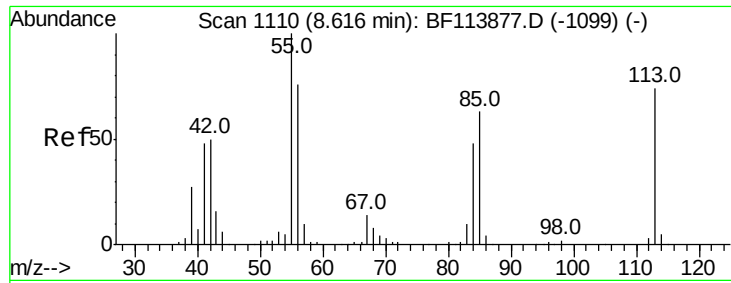
Sohil
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#34
Hexachlorobutadiene
Concen: 40.880 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.1	76.7		
227	63.2	49.9	74.9		





#35

Caprolactam

Concen: 43.645 ng/mL

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

RBR200051MS

Tot Ion: 113 Resp: 89585

Ion Ratio Lower Upper

113 100

55 136.4 128.6 168.6

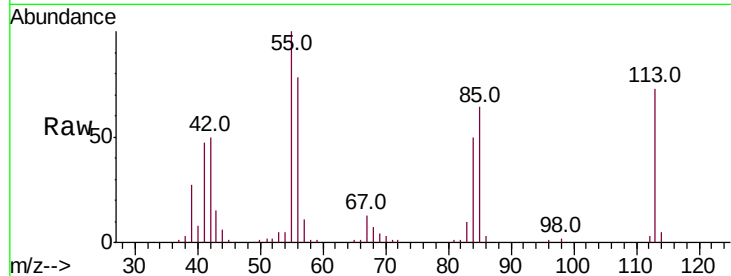
56 106.2 91.9 131.9

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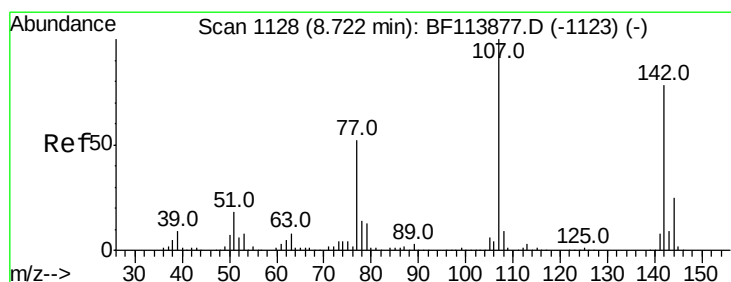
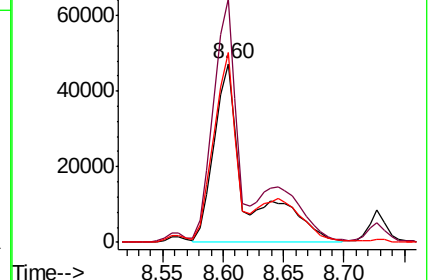
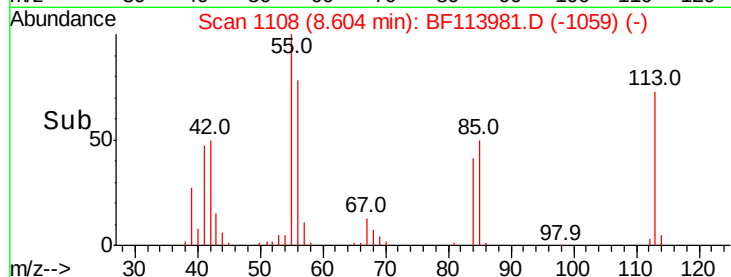
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.083 ng/mL

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

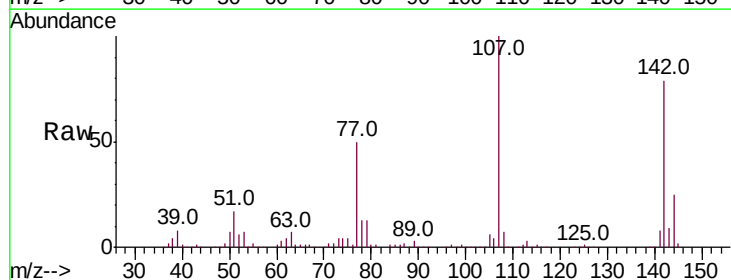
Tgt Ion: 107 Resp: 294591

Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

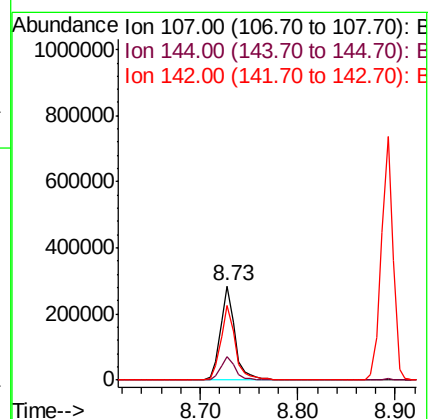
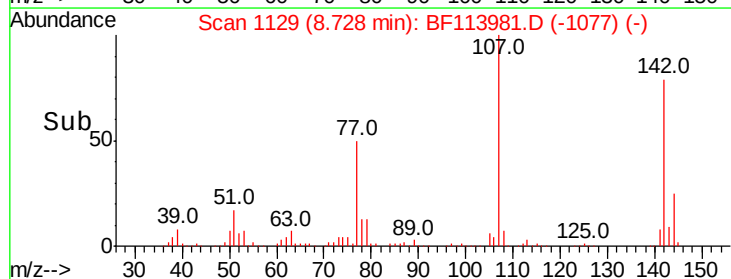
142 79.5 64.2 96.4

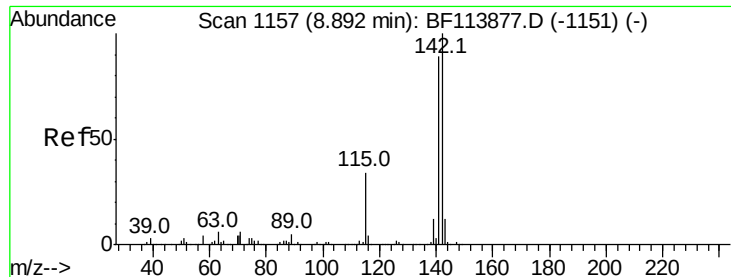


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





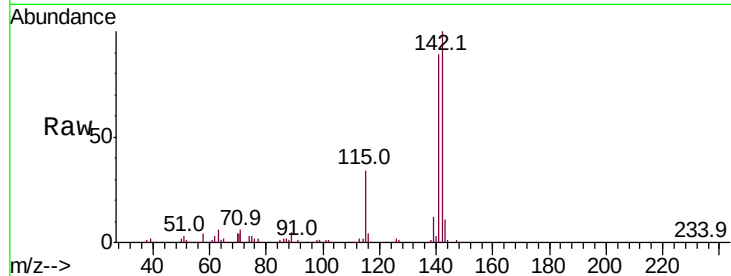
#37
2-Methylnaphthalene
Concen: 45.193 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	34.0	26.3	39.5

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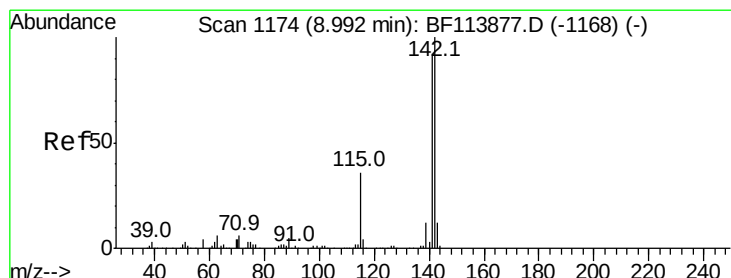
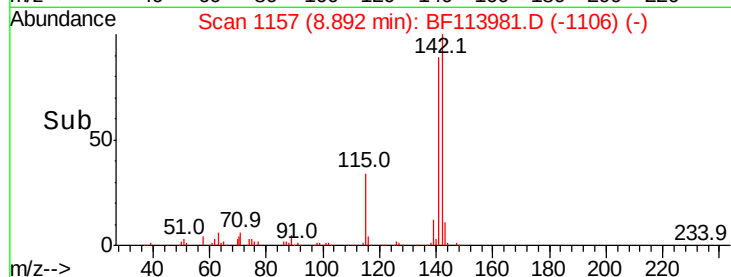
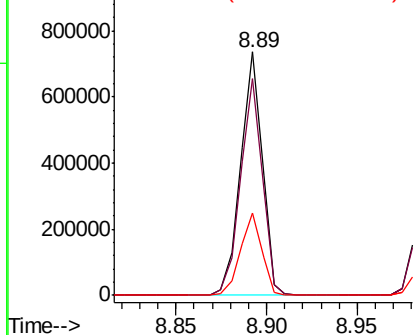


Abundance

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: 44.372 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

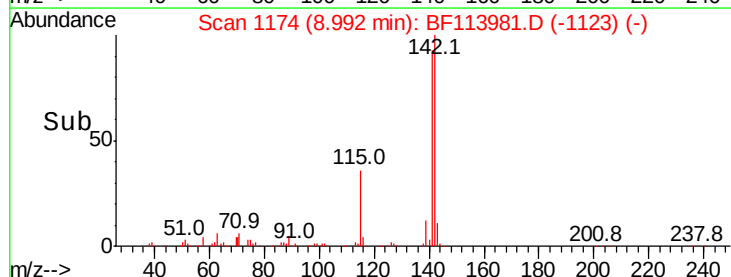
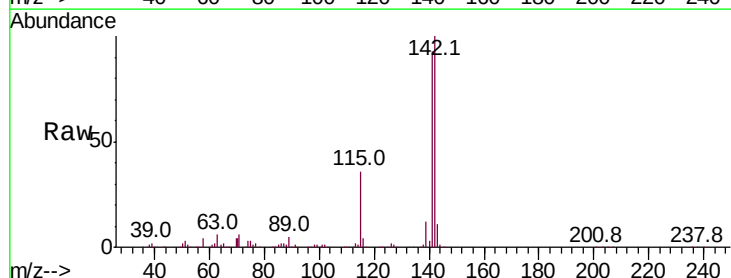
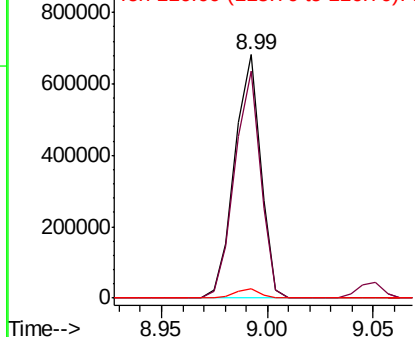
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.3	108.5
116	3.7	3.0	4.4

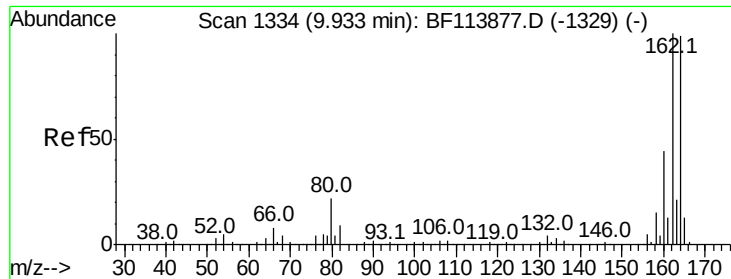
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





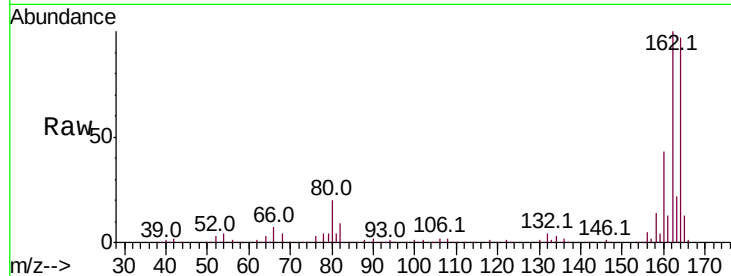
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	230250		
162	103.2	81.1	121.7	
160	43.9	35.8	53.6	

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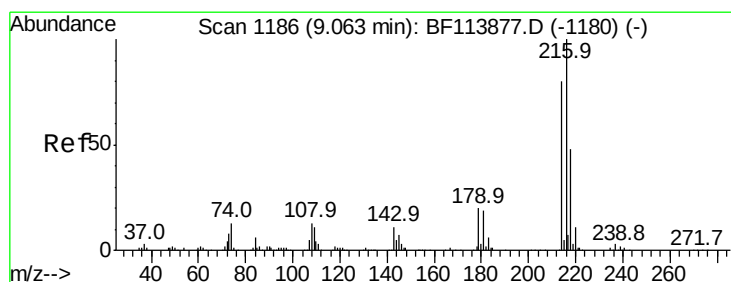
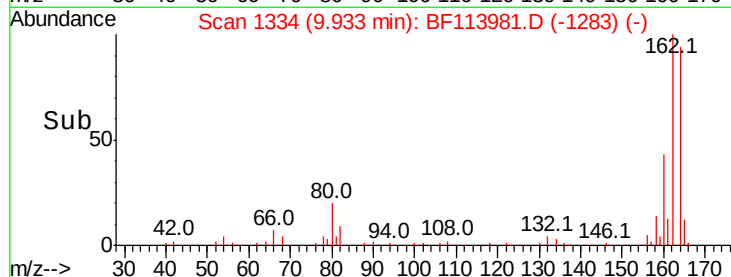
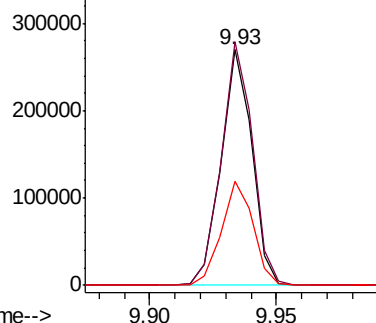


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.066 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	314621		
214	79.0	63.5	95.3	
179	20.7	16.1	24.1	
108	17.7	13.4	20.0	

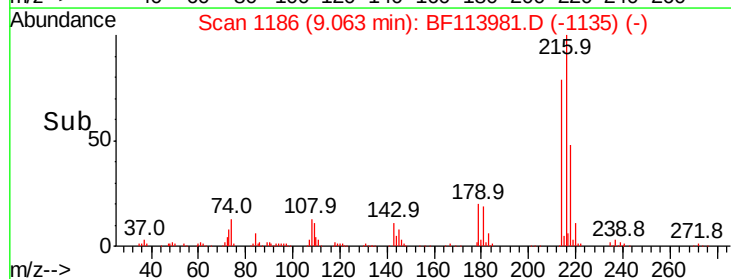
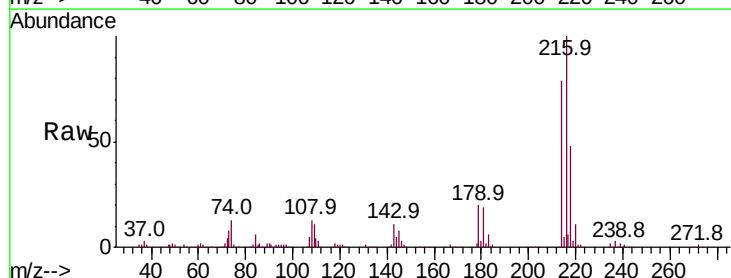
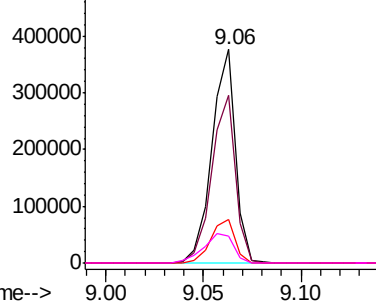
Abundance

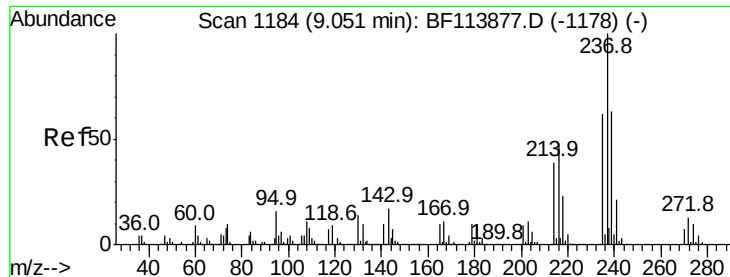
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





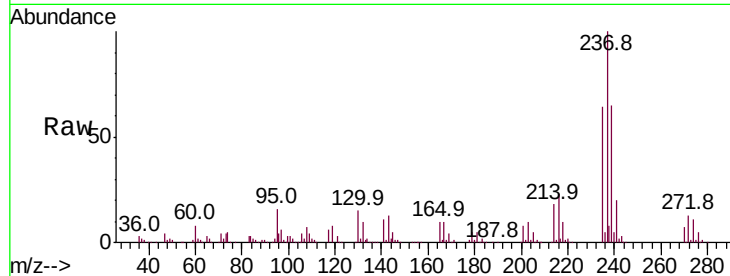
#41
Hexachlorocyclopentadiene
Concen: 87.459 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

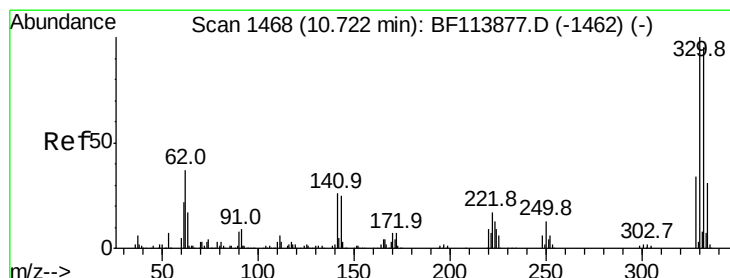
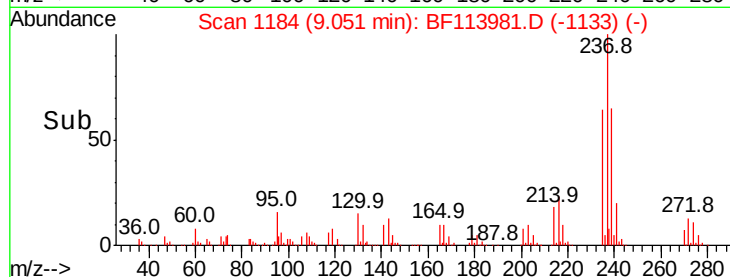
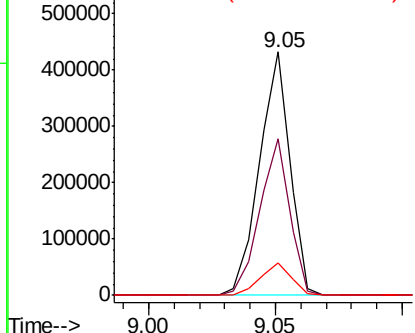
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.1	42.6	82.6
272	13.4	0.0	33.8

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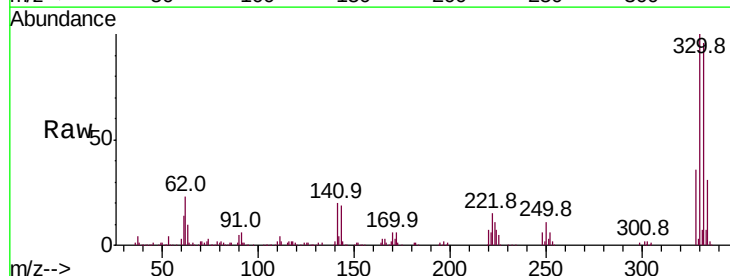


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

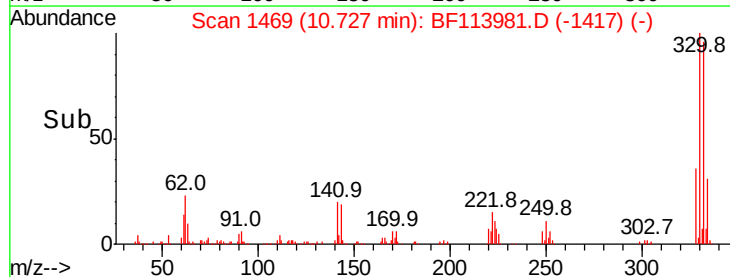
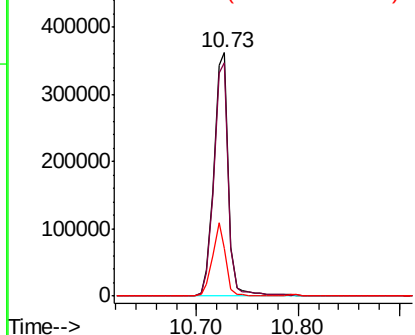


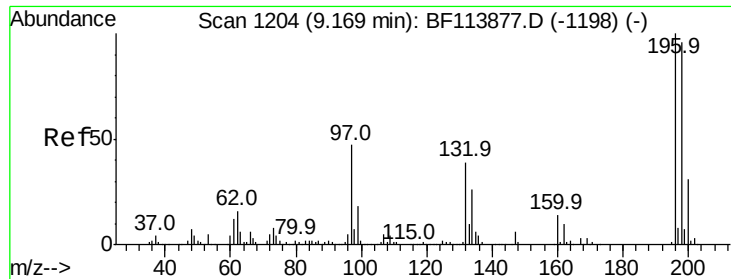
#42
2,4,6-Tribromophenol
Concen: 129.734 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.0	77.5	116.3
141	27.3	22.2	33.2



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





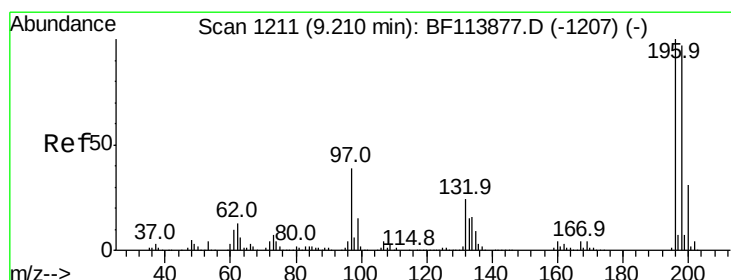
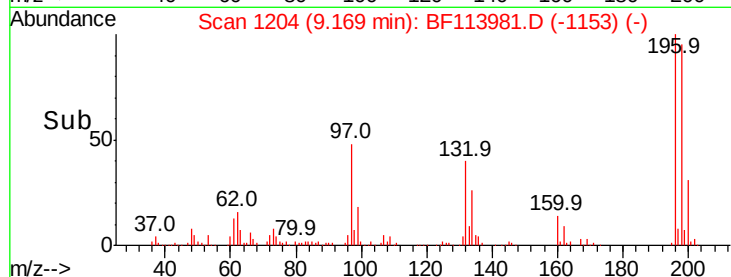
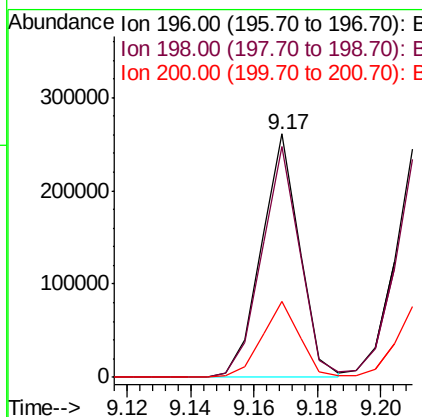
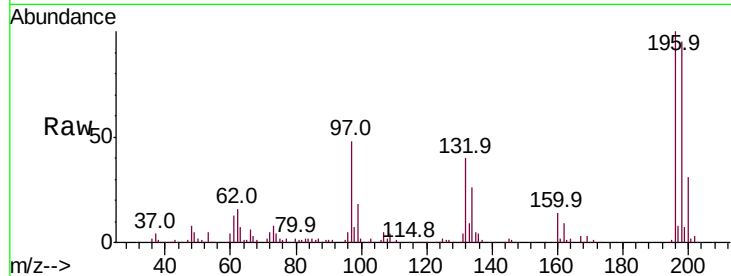
#43
 2,4,6-Trichlorophenol
 Concen: 45.948 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	218222		
198	95.0	75.6	113.4	
200	31.1	24.7	37.1	

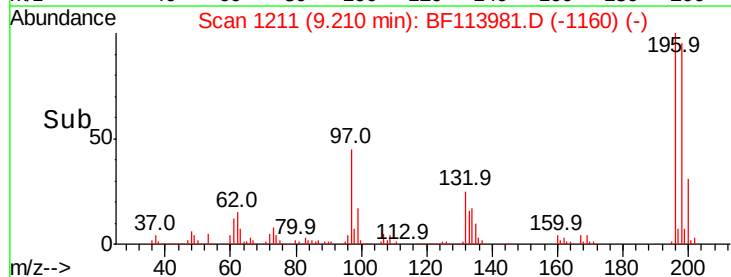
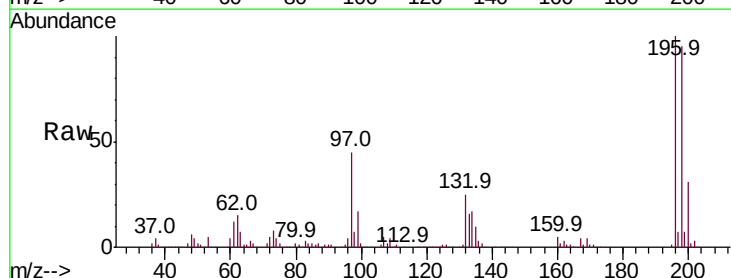
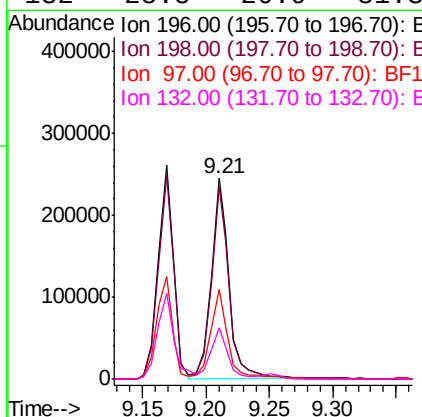
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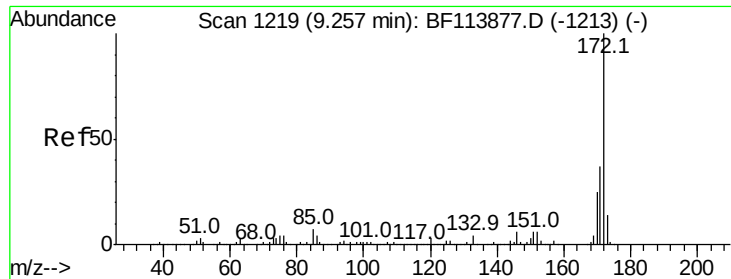
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#44
 2,4,5-Trichlorophenol
 Concen: 45.430 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242010		
198	95.4	76.2	114.4	
97	44.5	35.8	53.8	
132	25.5	20.9	31.3	





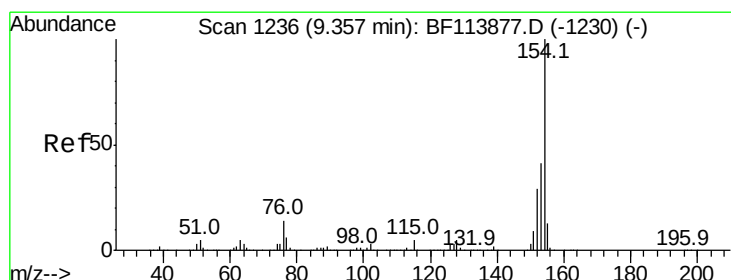
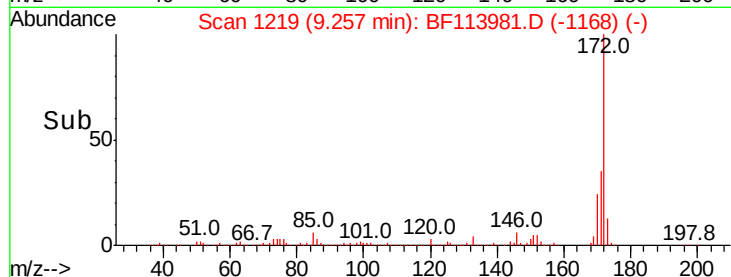
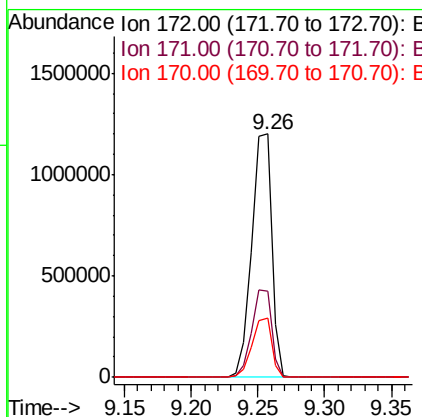
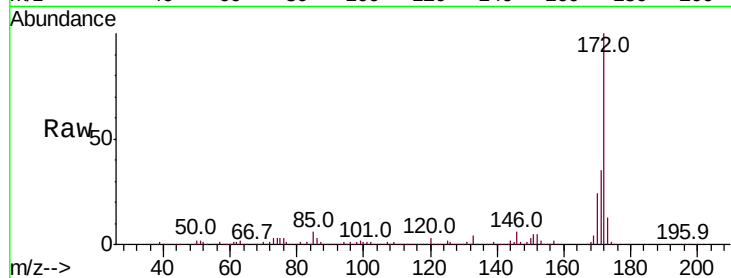
#45
2-Fluorobiphenyl
Concen: 83.341 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	24.3	19.9	29.9

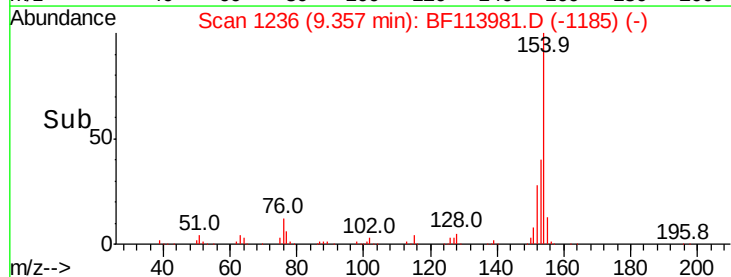
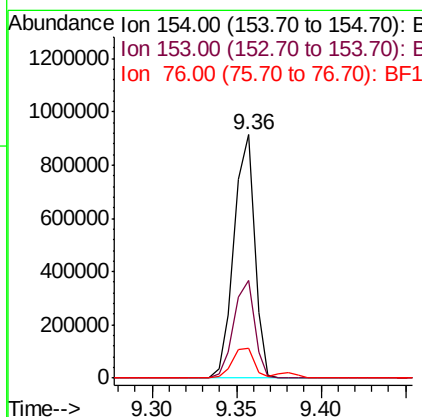
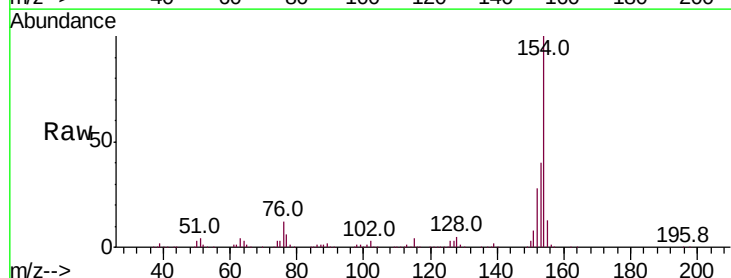
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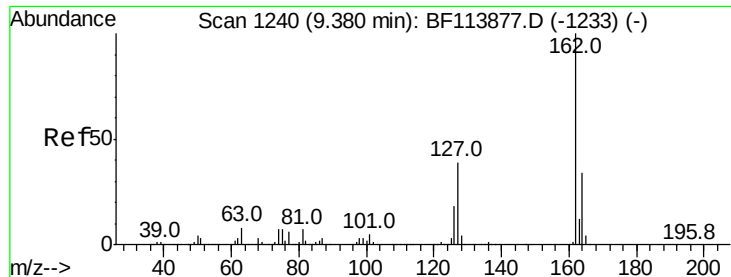
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#46
1,1'-Biphenyl
Concen: 44.148 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.8	60.8
76	12.2	0.0	35.2





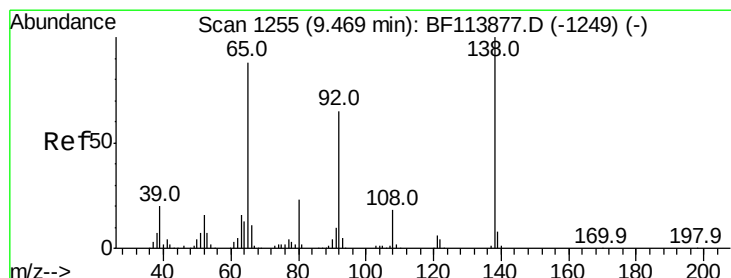
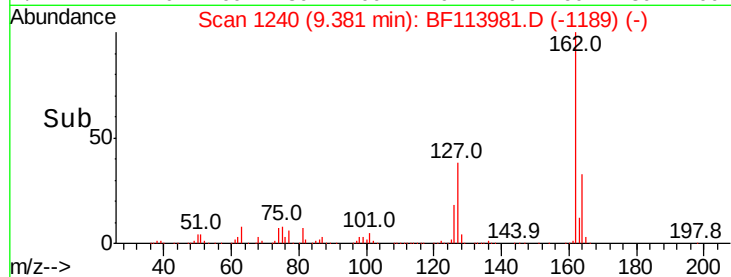
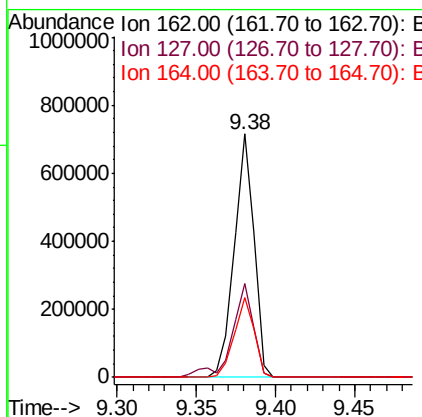
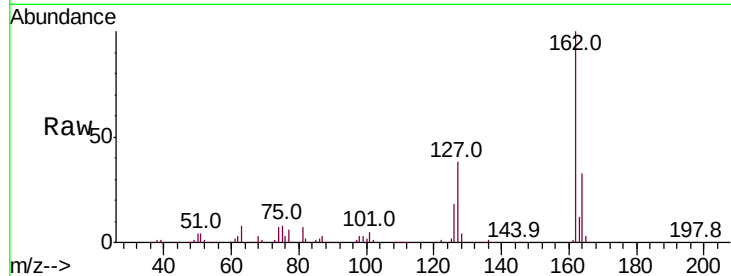
#47
 2-Chloronaphthalene
 Concen: 43.266 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	38.4	29.3	43.9		
164	33.0	27.1	40.7		

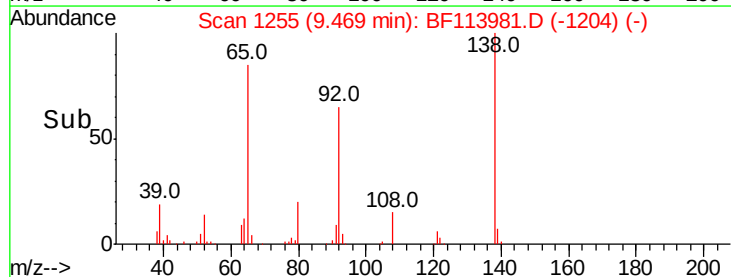
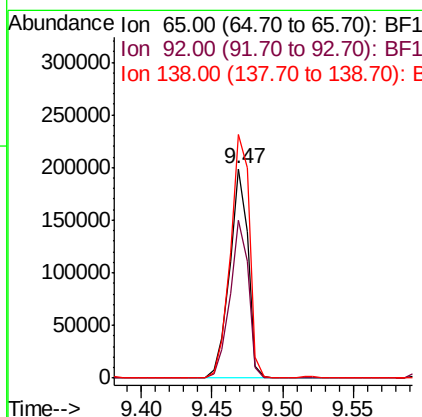
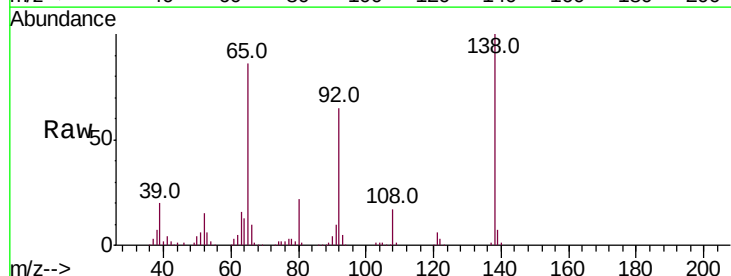
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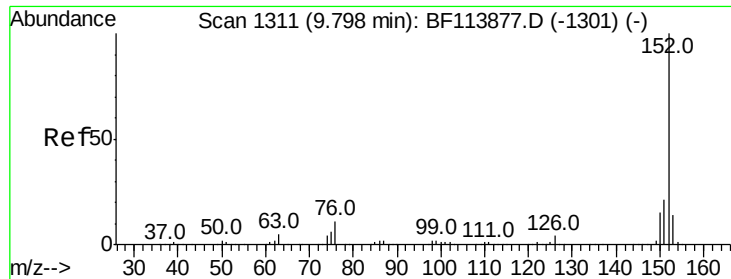
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#48
 2-Nitroaniline
 Concen: 48.048 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	75.7	57.4	86.0		
138	116.3	85.4	128.0		





#49

Acenaphthylene

Concen: 43.380 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

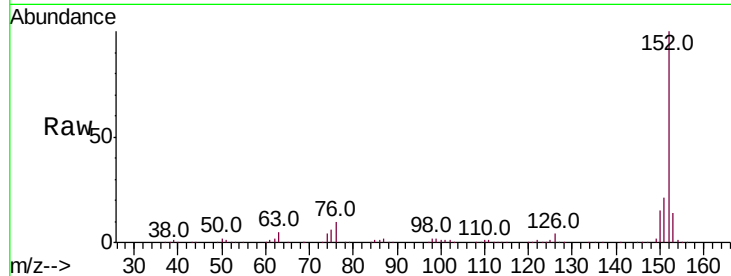
ClientSampleId :

RBR200051MS

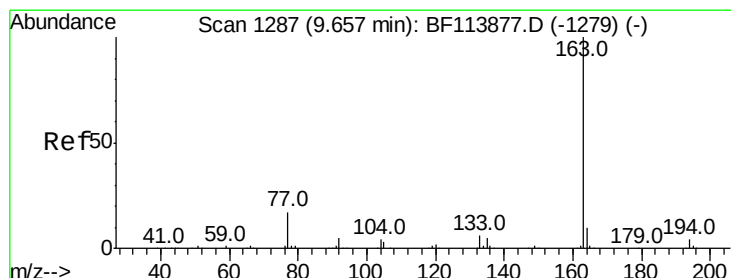
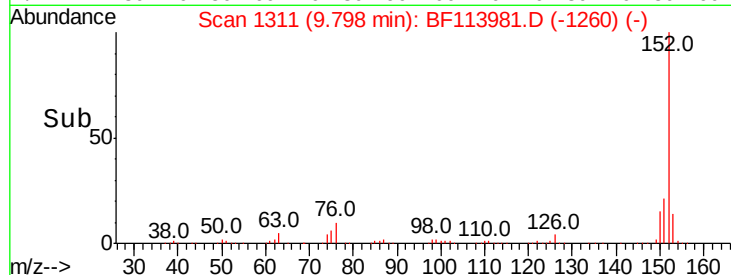
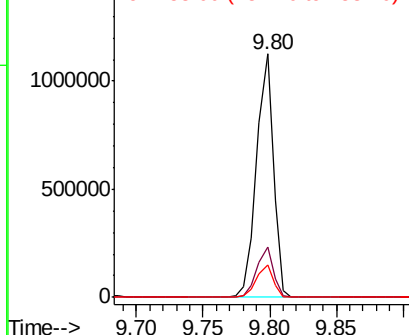
Tot Ion:	152	Resp:	971416
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.0	25.4
153	13.5	11.0	16.6

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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: 56.411 ng

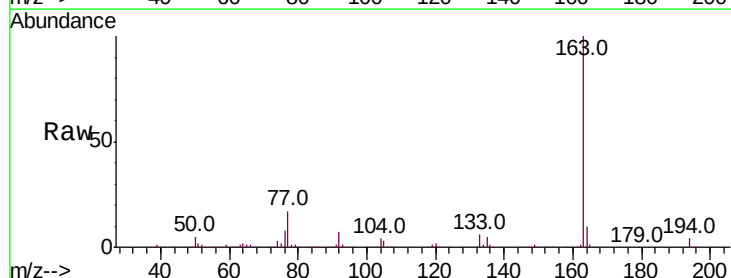
RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

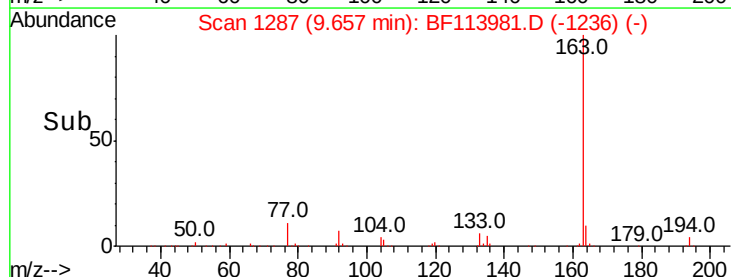
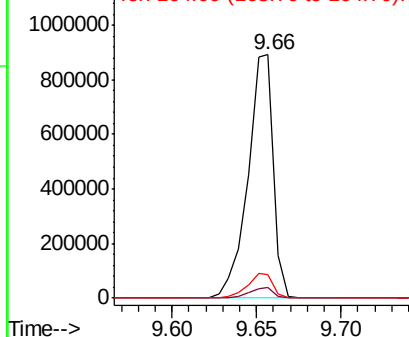
Lab File: BF113981.D

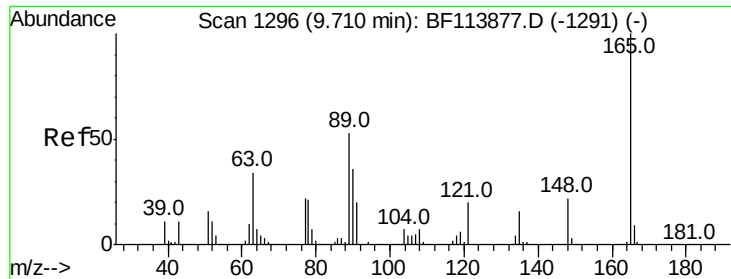
Acq: 25 Apr 2019 16:57

Tgt Ion:	163	Resp:	939359
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	9.7	8.5	12.7



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: 48.677 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

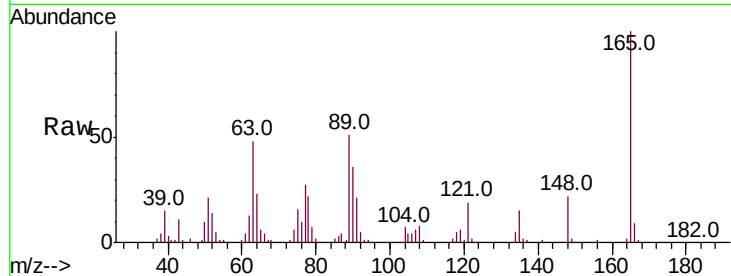
ClientSampled :

RBR200051MS

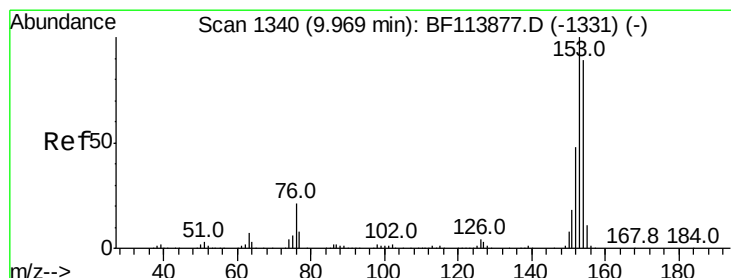
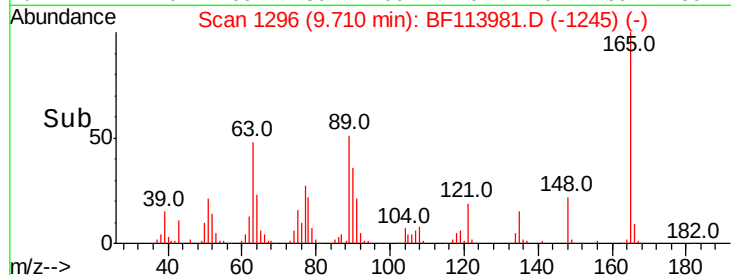
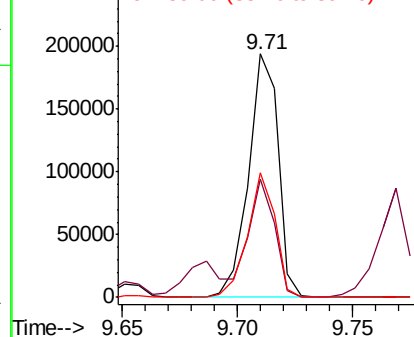
Tot Ion:	165	Resp:	173899
Ion Ratio	Lower	Upper	
165	100		
63	48.4	33.8	50.8
89	51.3	38.2	57.2

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 46.879 ng

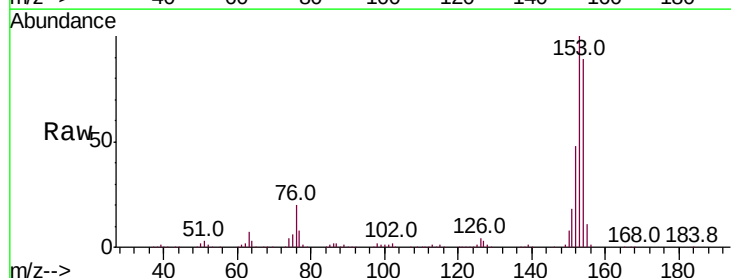
RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

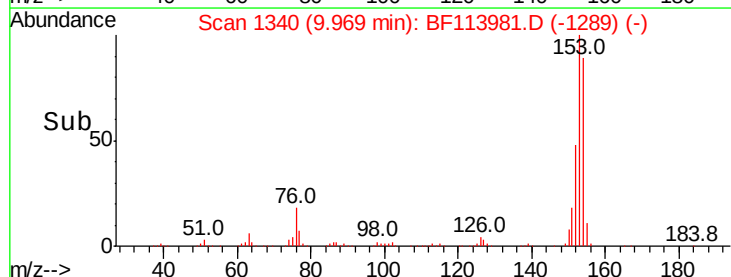
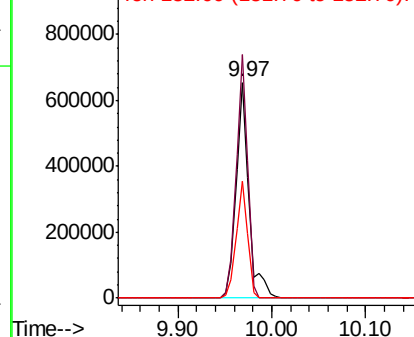
Lab File: BF113981.D

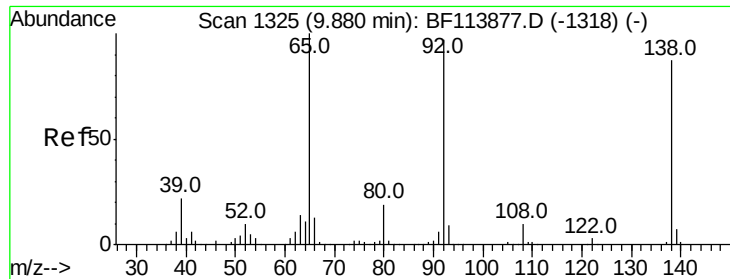
Acq: 25 Apr 2019 16:57

Tgt Ion:	154	Resp:	620402
Ion Ratio	Lower	Upper	
154	100		
153	112.9	87.2	130.8
152	54.1	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





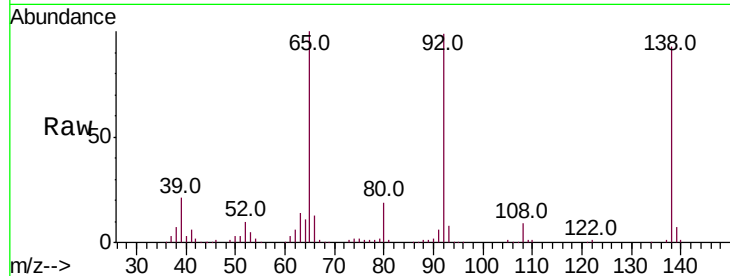
#53
3-Nitroaniline
Concen: 35.003 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.4	14.2
92	106.6	94.1	141.1

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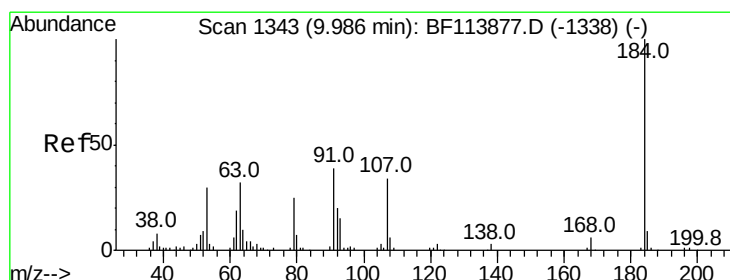
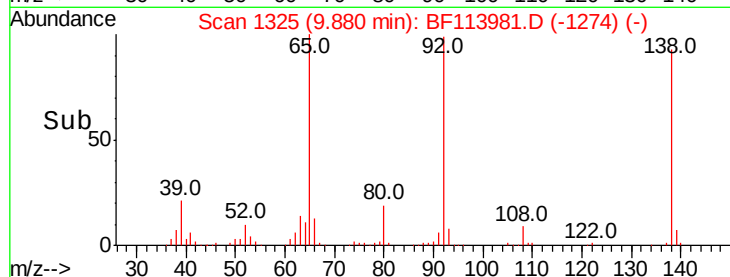
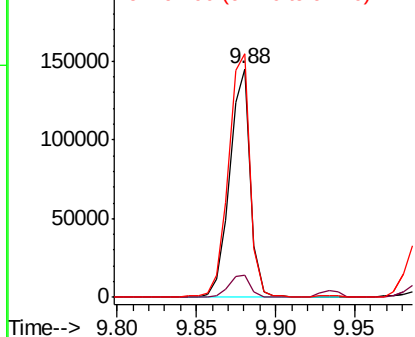


Abundance

Ion 138.00 (137.70 to 138.70): E

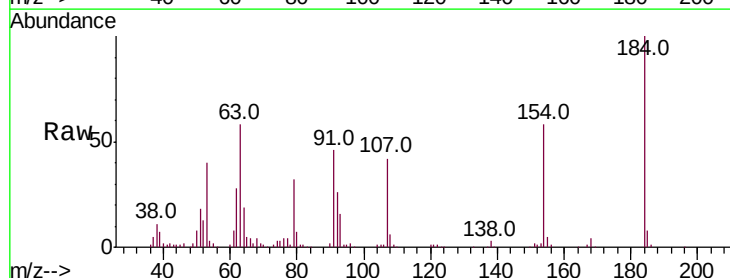
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 75.516 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	54.6	81.8
154	57.8	218.6	328.0#

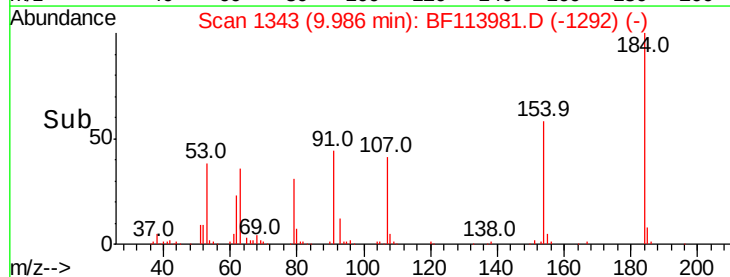
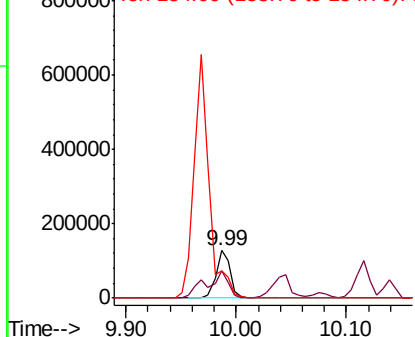


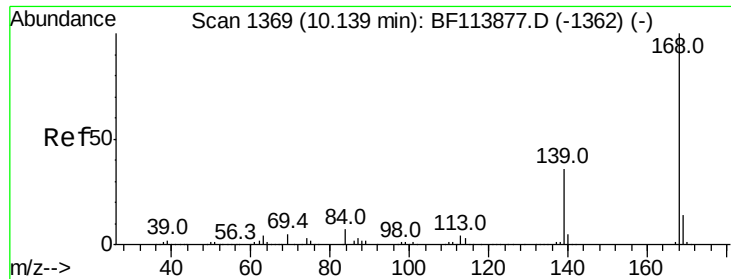
Abundance

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





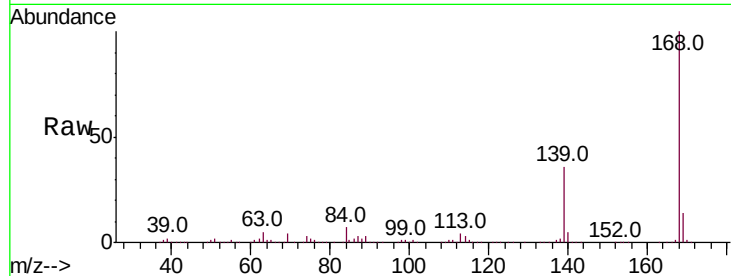
#55
 Dibenzofuran
 Concen: 45.205 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampled :
 RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.1	27.8	41.6	
169	13.7	11.0	16.6	

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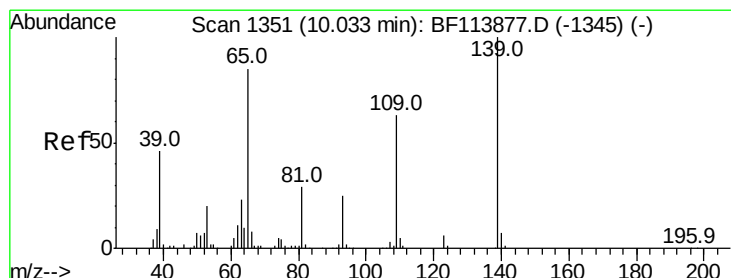
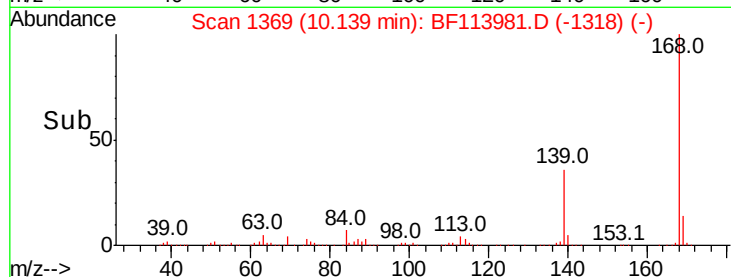
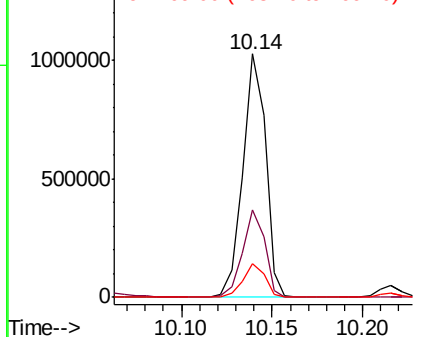


Abundance

Ion 168.00 (167.70 to 168.70): E

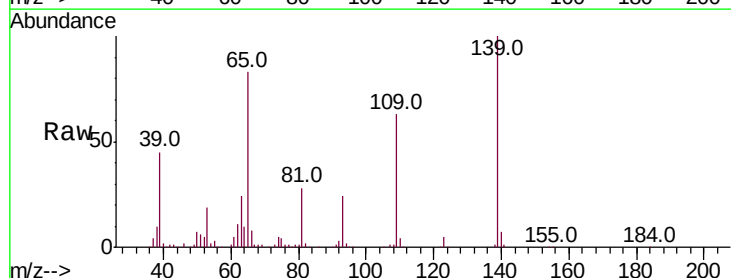
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
 4-Nitrophenol
 Concen: 97.414 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.3	42.9	82.9	
65	82.8	64.4	104.4	

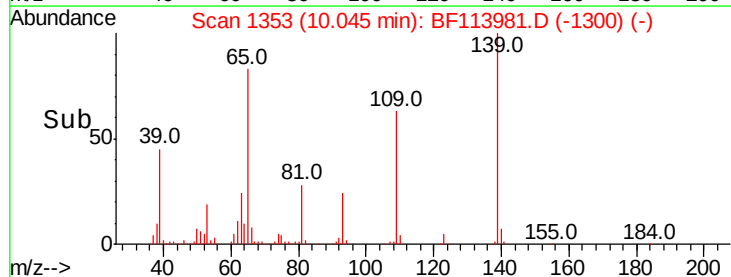
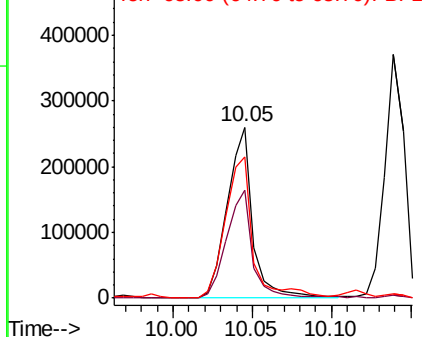


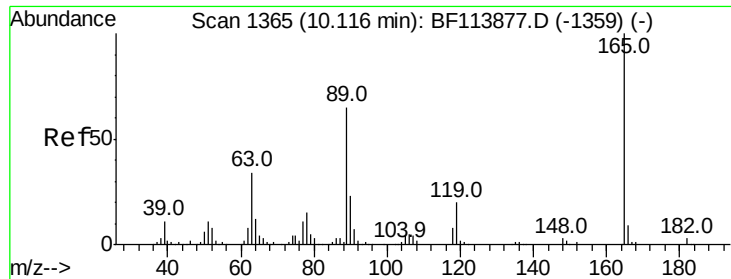
Abundance

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





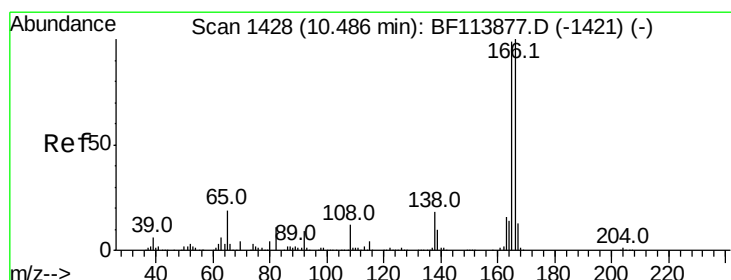
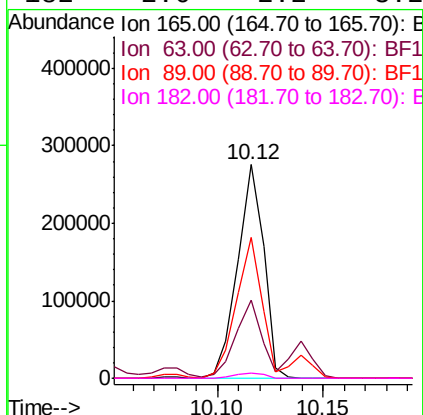
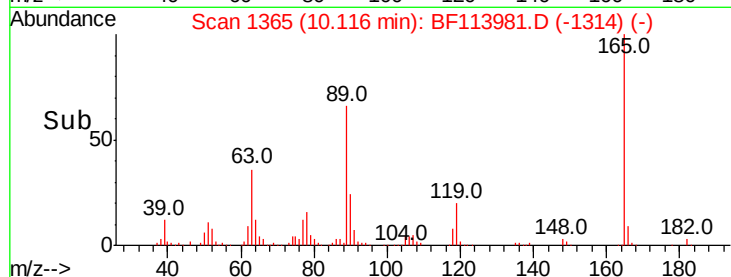
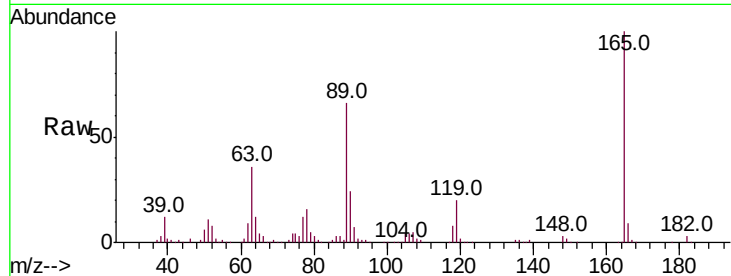
#57
 2,4-Dinitrotoluene
 Concen: 52.537 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	236903		
63	36.3		27.4	41.0
89	65.8		51.8	77.6
182	2.6		2.2	3.2

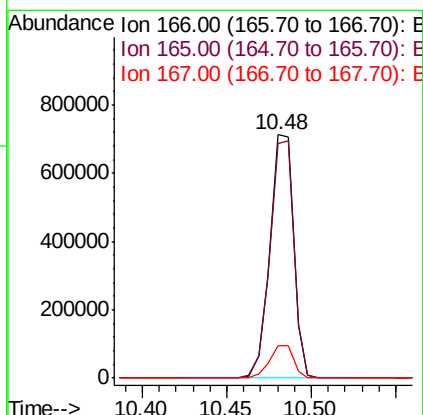
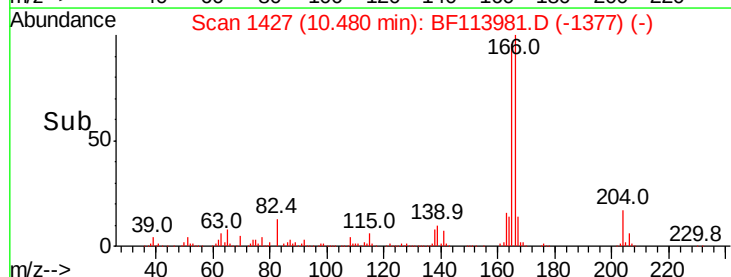
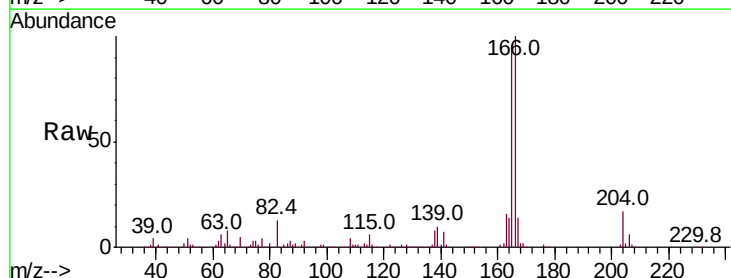
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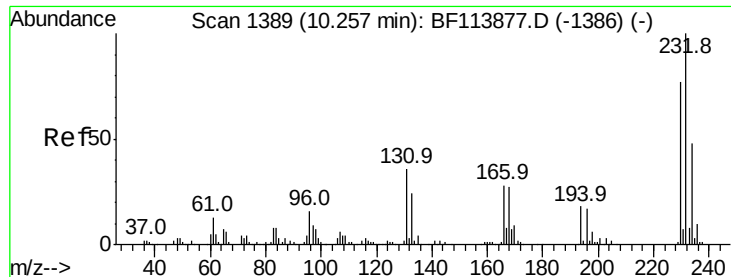
Sohil
 4/29/2019 5:49:48 AM



#58
 Fluorene
 Concen: 46.316 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	691253		
165	96.4		78.4	117.6
167	13.5		10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.514 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

RBR200051MS

Tot Ion:232 Resp: 222430

Ion Ratio Lower Upper

232 100

131 38.2 30.2 45.2

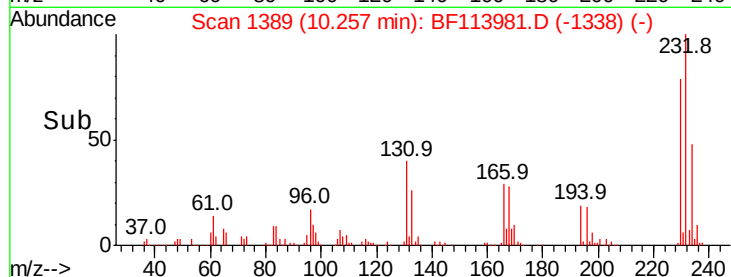
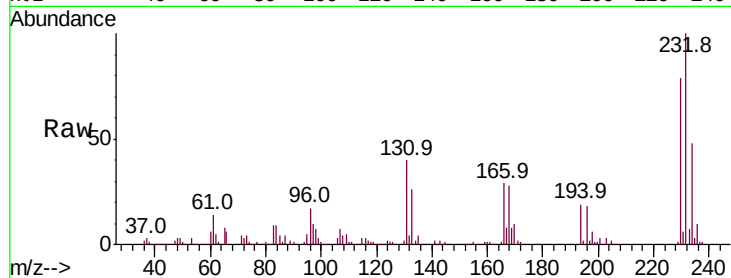
130 1.7 1.5 2.3

166 26.6 22.2 33.4

Manual Integrations
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Sohil

4/29/2019 5:49:48 AM

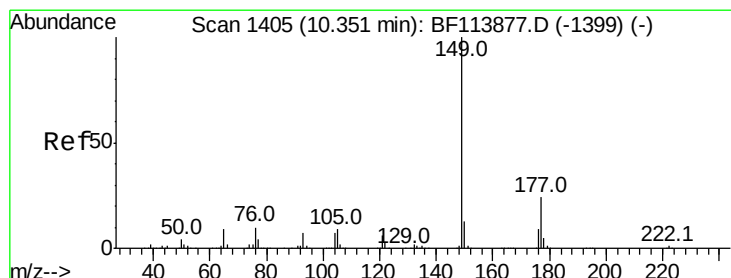
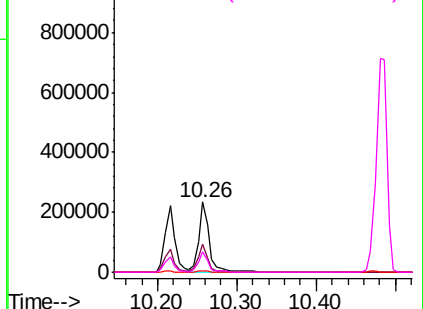


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.148 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

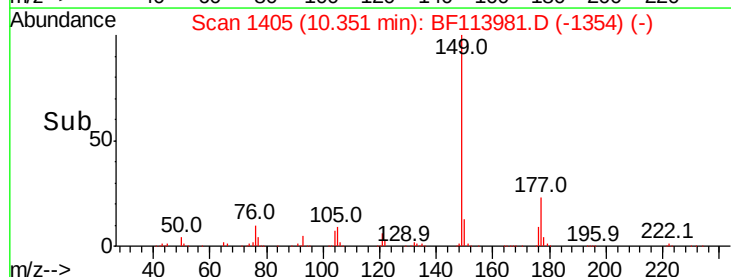
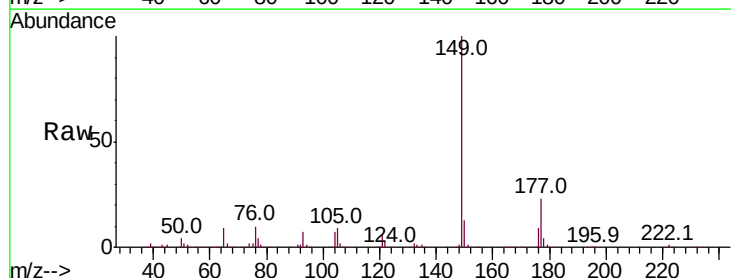
Tgt Ion:149 Resp: 729742

Ion Ratio Lower Upper

149 100

177 23.5 19.2 28.8

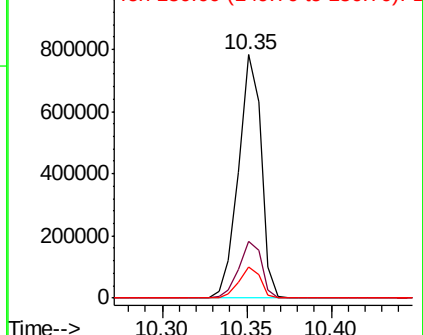
150 12.8 10.3 15.5

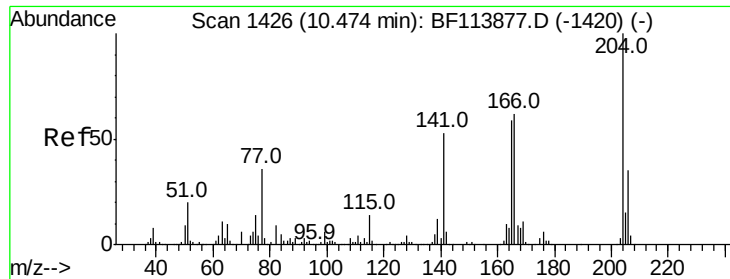


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





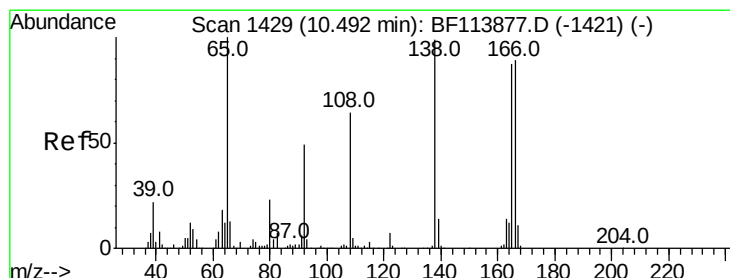
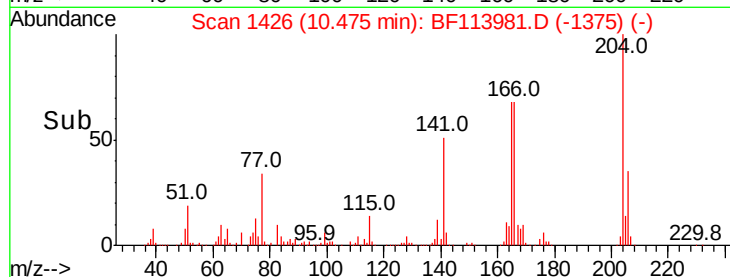
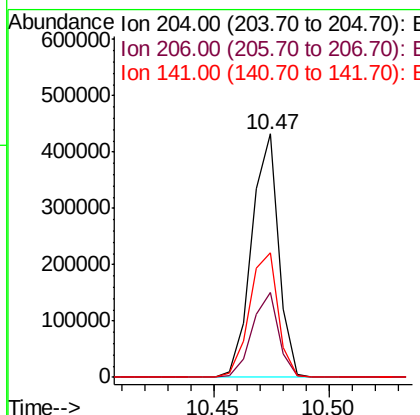
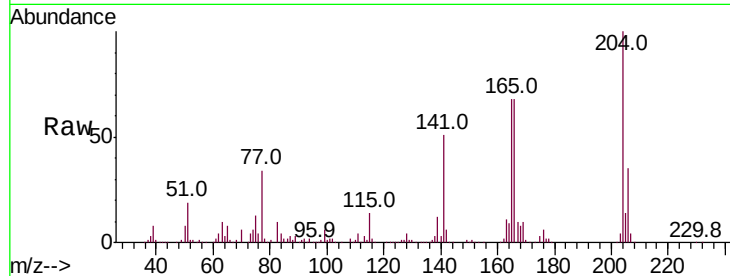
#61
4-Chlorophenyl-phenylether
Concen: 44.737 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.4	41.2
141	51.4	42.6	63.8

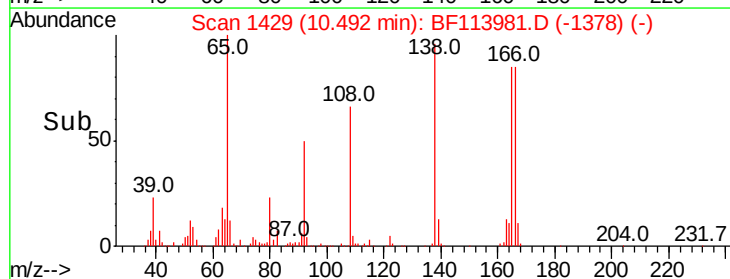
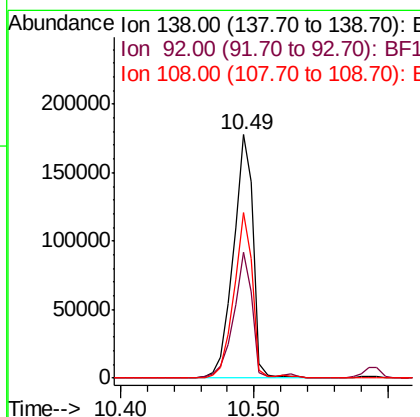
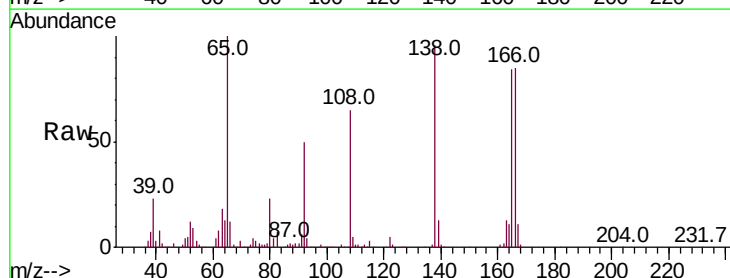
Manual Integrations
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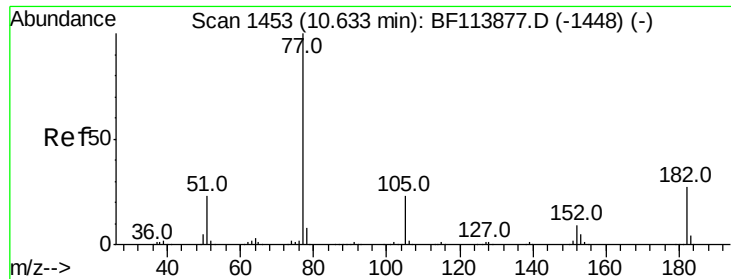
Sohil
4/29/2019 5:49:48 AM



#62
4-Nitroaniline
Concen: 50.618 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	31.3	71.3
108	68.1	48.9	88.9





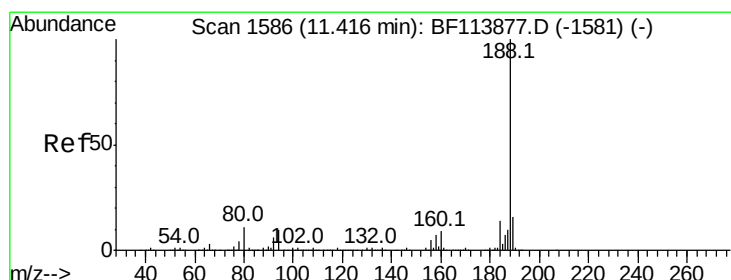
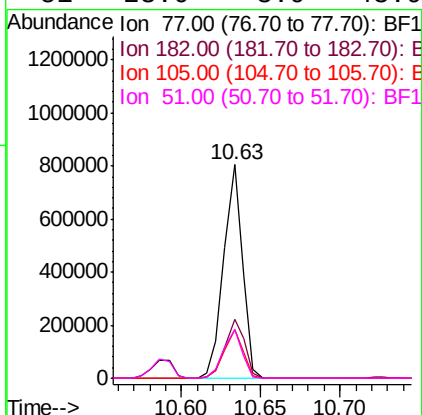
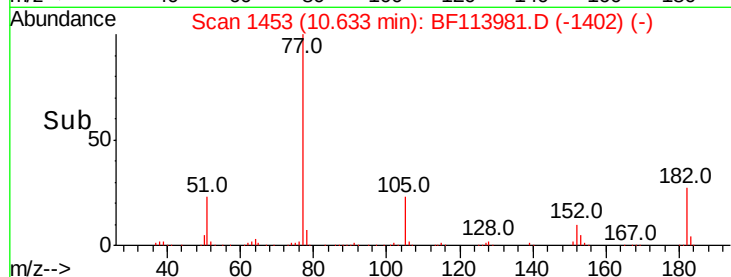
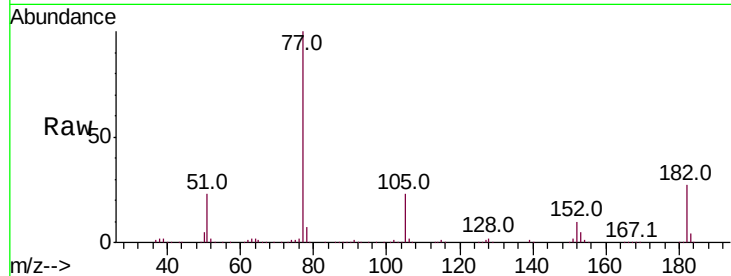
#63
Azobenzene
Concen: 43.336 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	4.4	44.4	
105	22.8	2.2	42.2	
51	23.0	3.9	43.9	

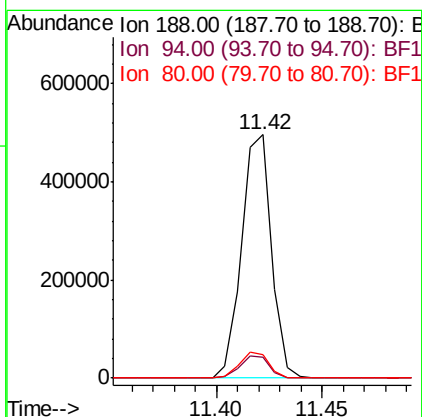
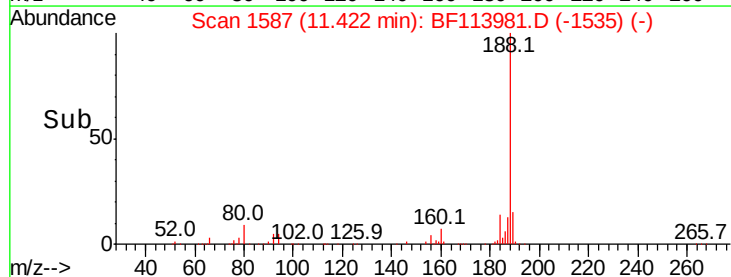
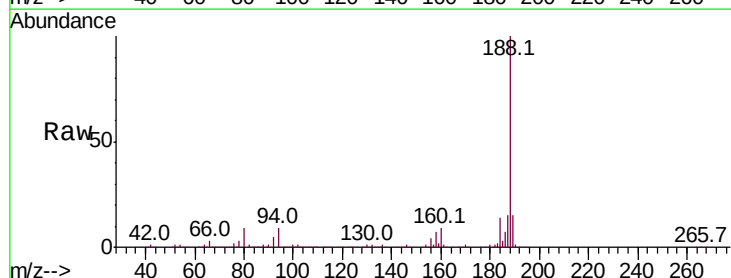
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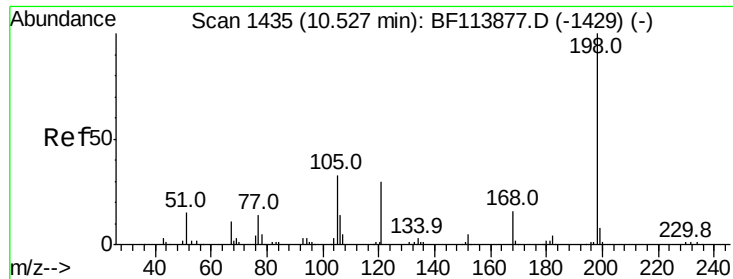
Sohil
4/29/2019 5:49:48 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	8.2	12.4	
80	9.4	9.0	13.6	





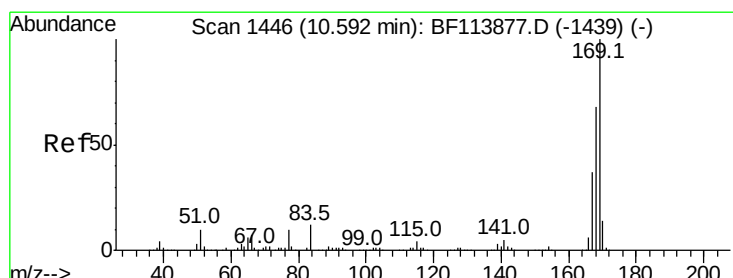
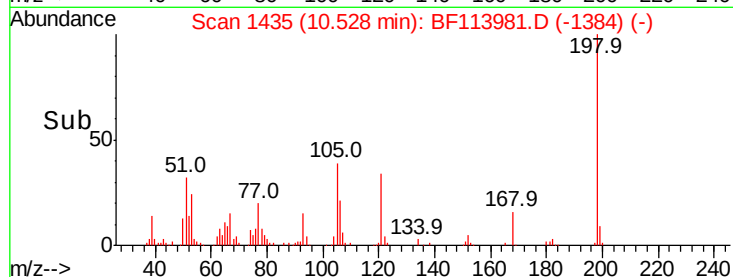
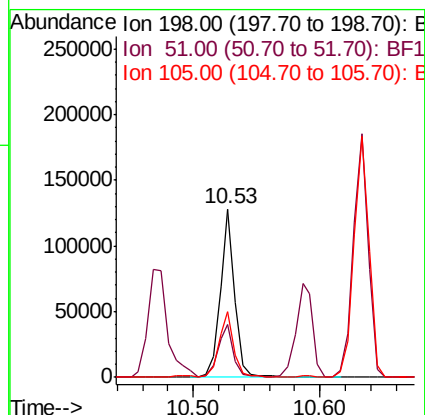
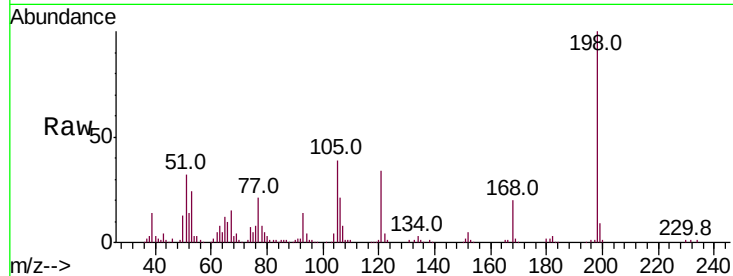
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.547 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	102820		
51	31.8	11.1	51.1	
105	39.0	20.7	60.7	

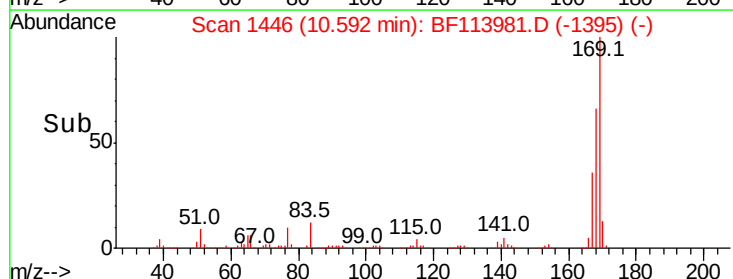
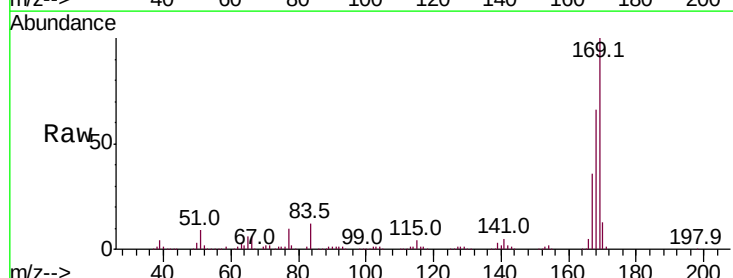
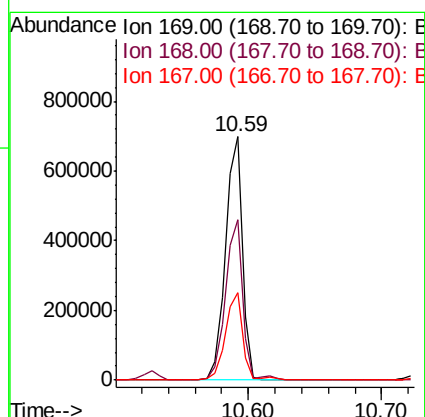
Manual Integrations
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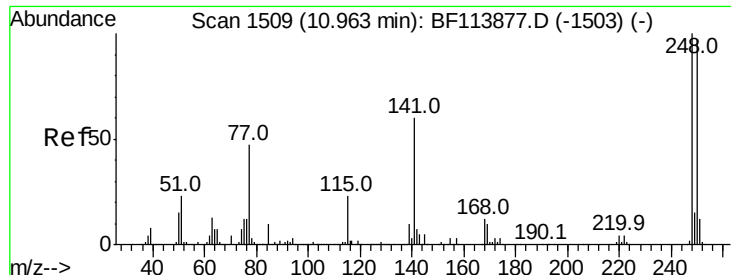
Sohil
 4/29/2019 5:49:48 AM



#66
 n-Nitrosodiphenylamine
 Concen: 43.312 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	629846		
168	65.7	54.3	81.5	
167	36.1	29.4	44.0	





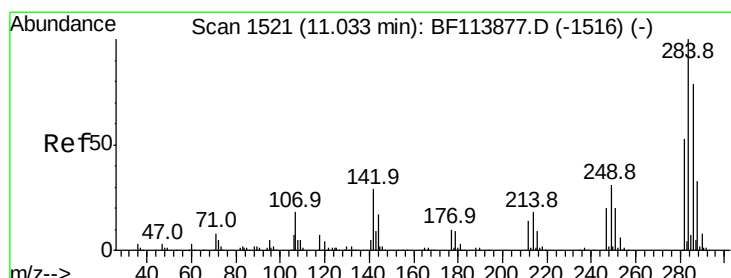
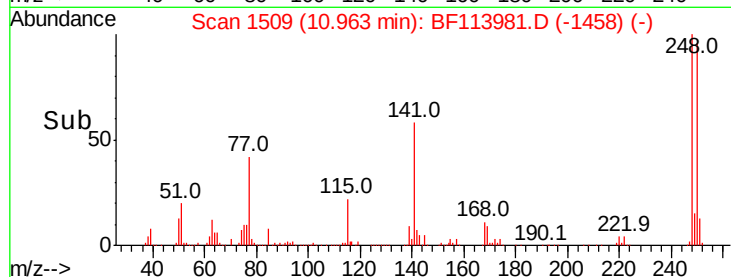
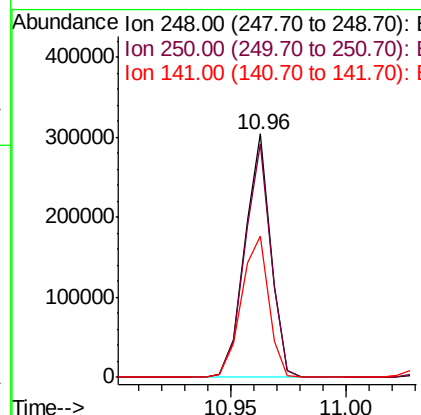
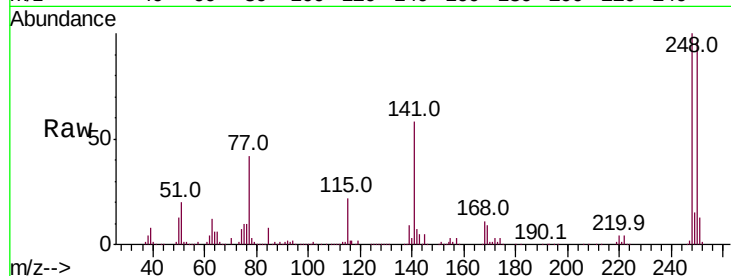
#67
4-Bromophenyl-phenylether
Concen: 40.664 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.8	113.6
141	58.1	50.2	75.4

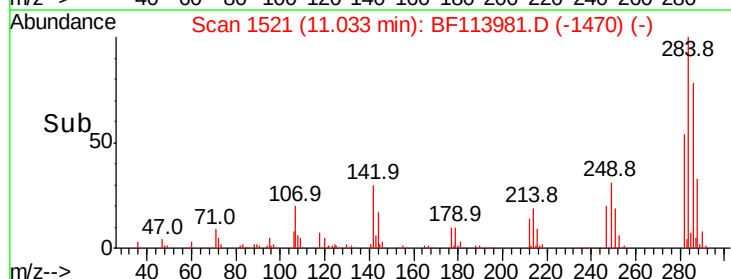
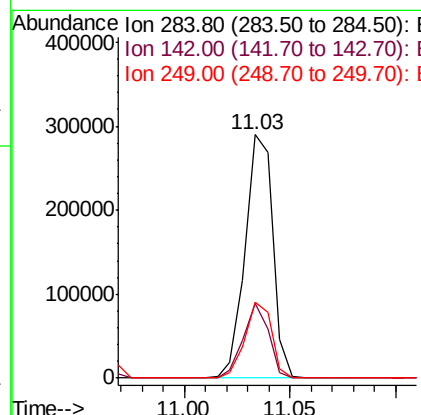
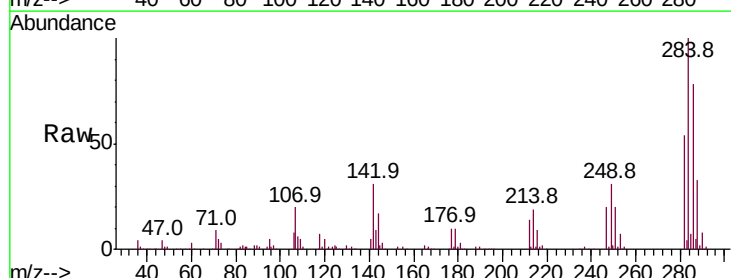
Manual Integrations
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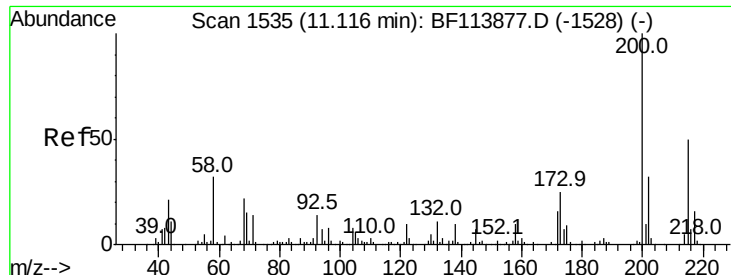
Sohil
4/29/2019 5:49:48 AM



#68
Hexachlorobenzene
Concen: 40.947 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	23.0	34.4
249	31.0	24.4	36.6





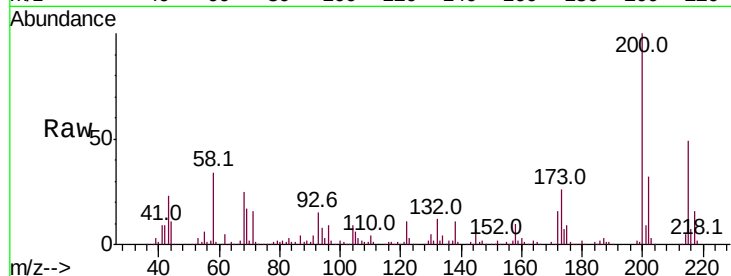
#69
Atrazine
Concen: 46.916 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	221945		
173	25.7	5.9	45.9	
215	49.4	29.3	69.3	

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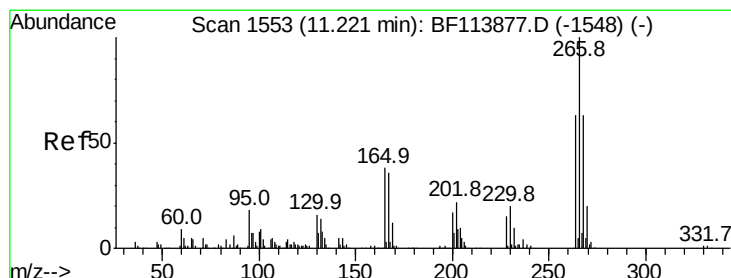
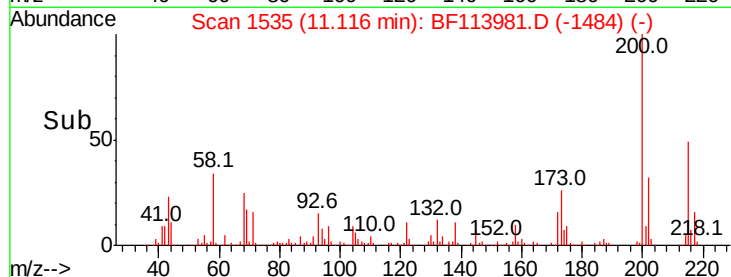
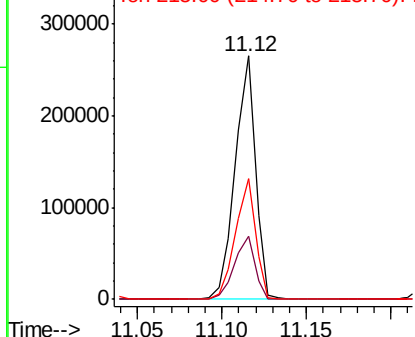


Abundance

Ion 200.00 (199.70 to 200.70): E

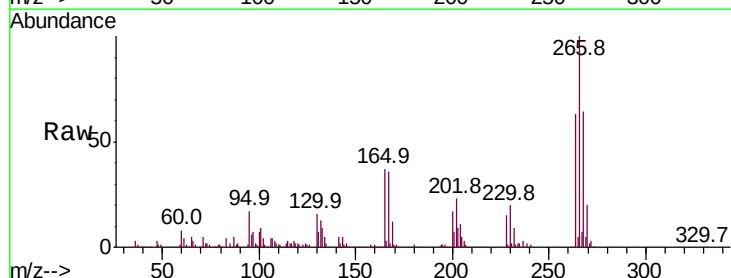
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 84.329 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	307192		
268	64.2	53.5	80.3	
264	62.9	51.0	76.6	

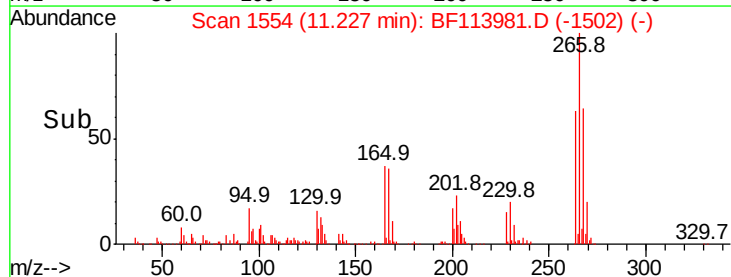
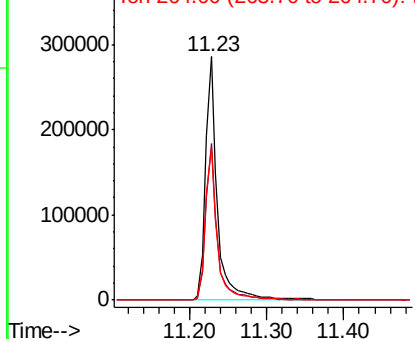


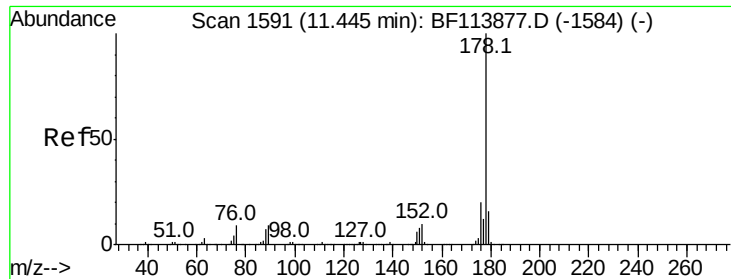
Abundance

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





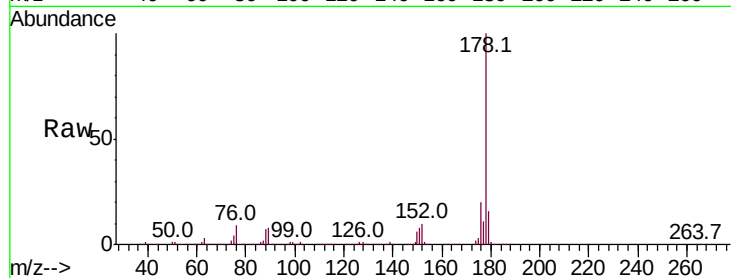
#71
Phenanthrene
Concen: 48.672 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

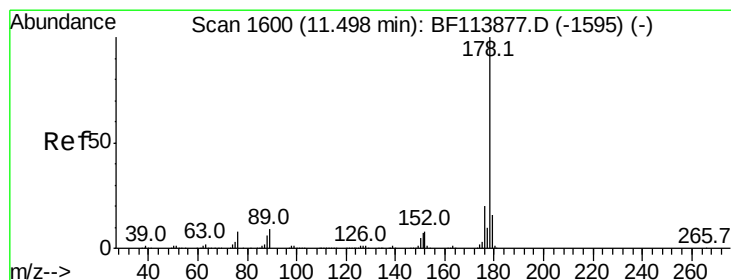
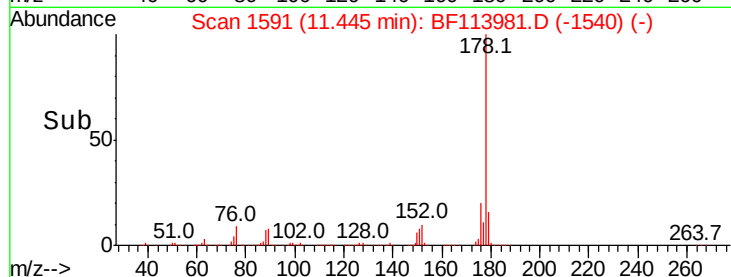
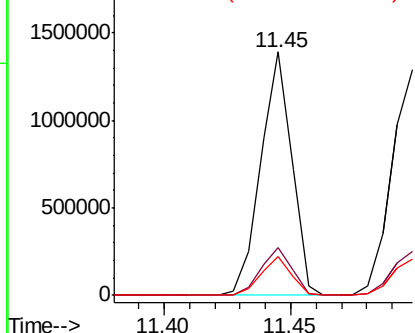
Tot Ion:178 Resp: 1185480
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 15.9 12.8 19.2

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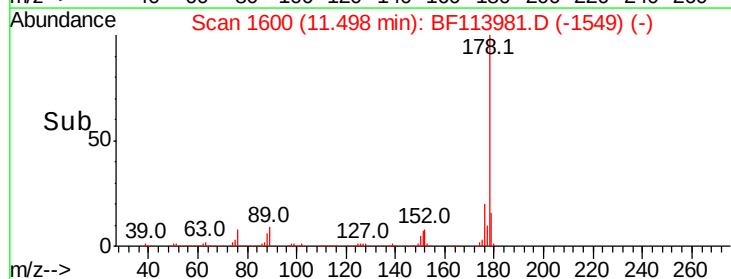
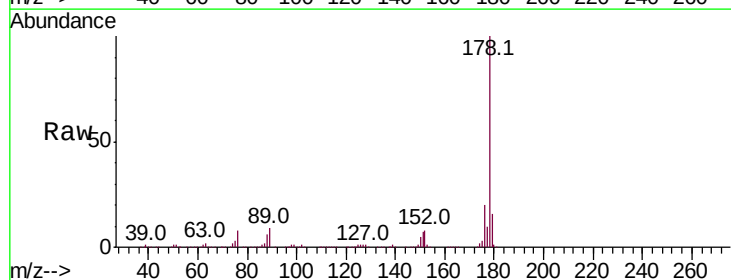
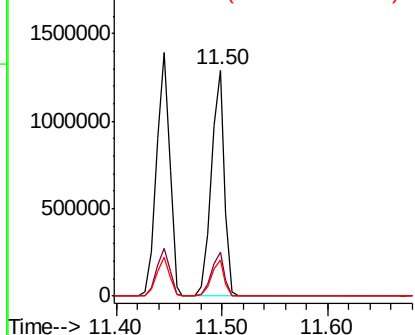
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

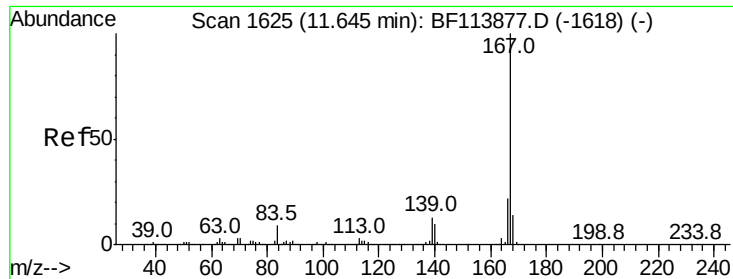


#72
Anthracene
Concen: 45.685 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion:178 Resp: 1123690
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 13.0 19.4

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





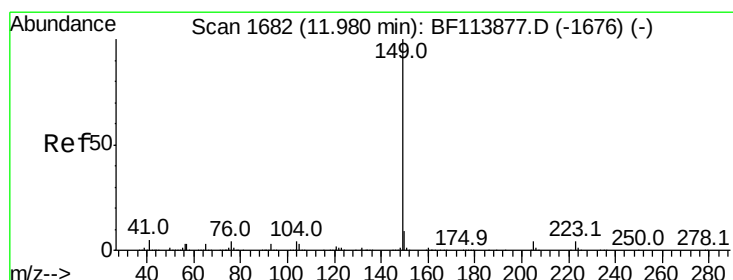
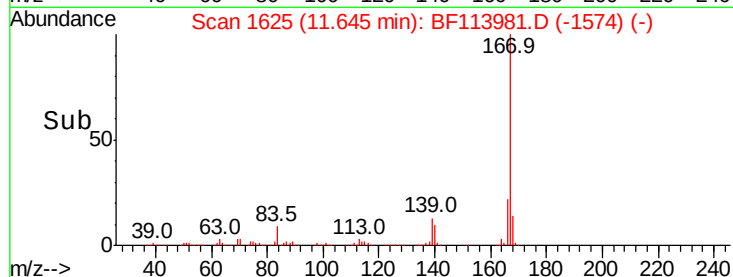
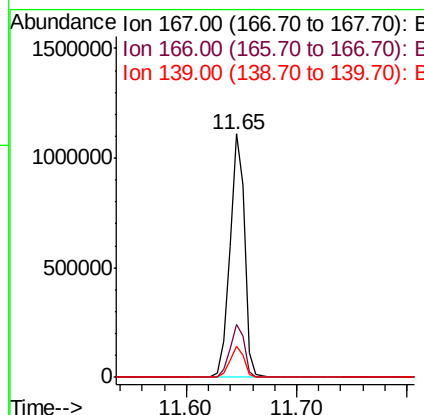
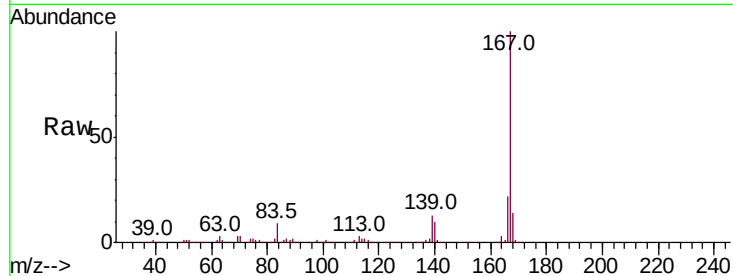
#73
 Carbazole
 Concen: 46.948 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.6	10.0	15.0

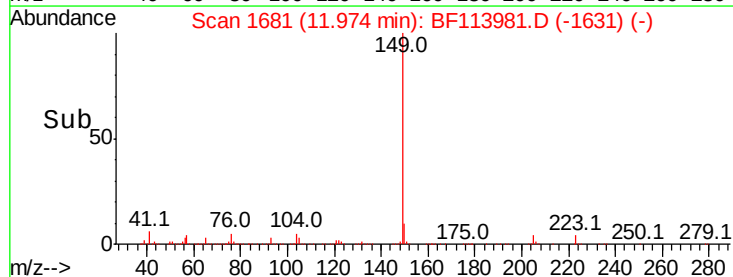
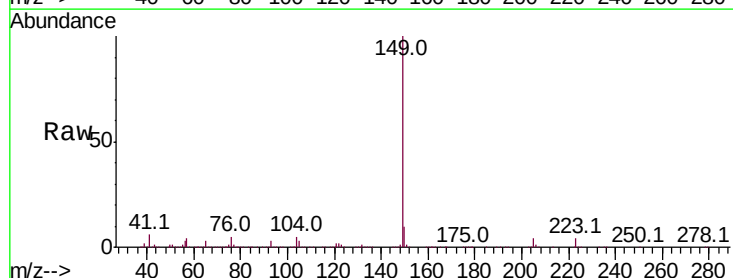
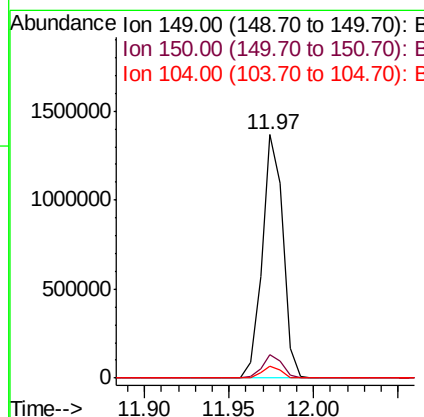
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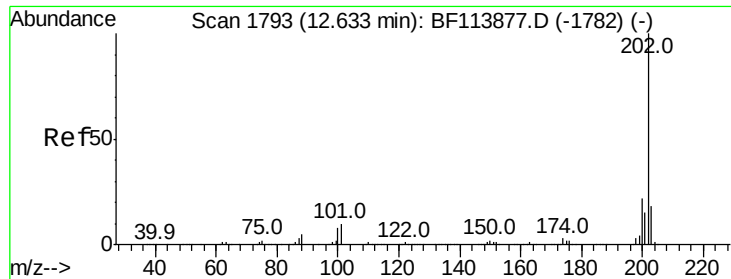
Sohil
 4/29/2019 5:49:48 AM



#74
 Di-n-butylphthalate
 Concen: 45.206 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.8	3.8	5.8





#75

Fluoranthene

Concen: 49.494 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

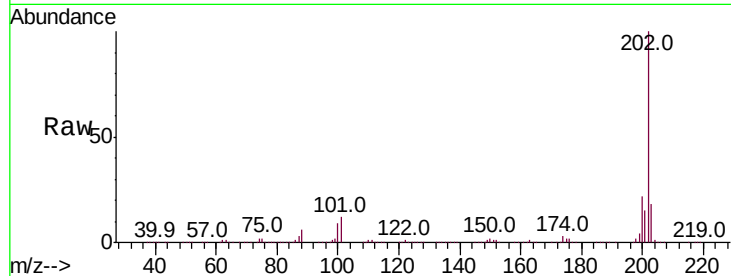
ClientSampleId :

RBR200051MS

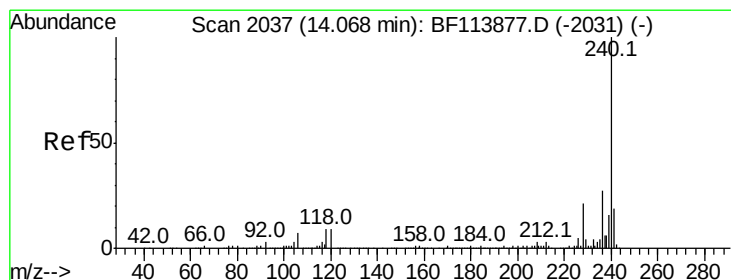
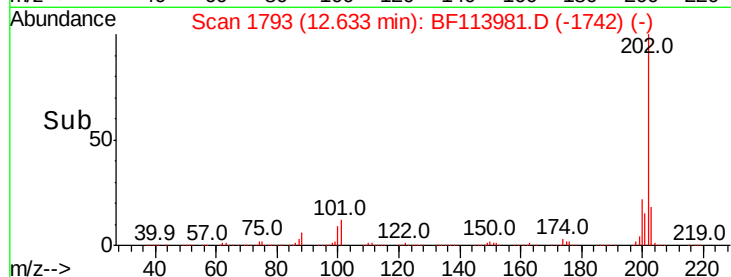
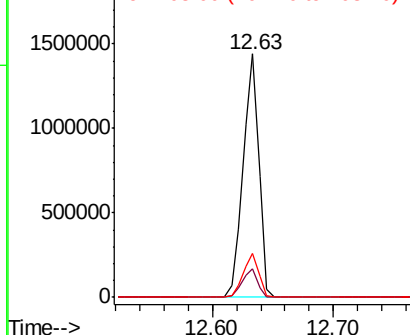
Tot Ion:	202	Resp:	1315252
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.9
203	18.1	0.0	38.2

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



#76

Chrysene-d12

Concen: 20.000 ng

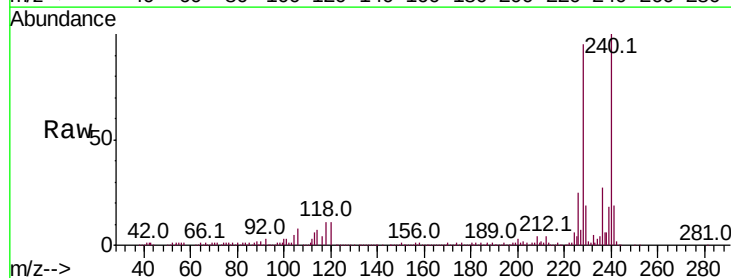
RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

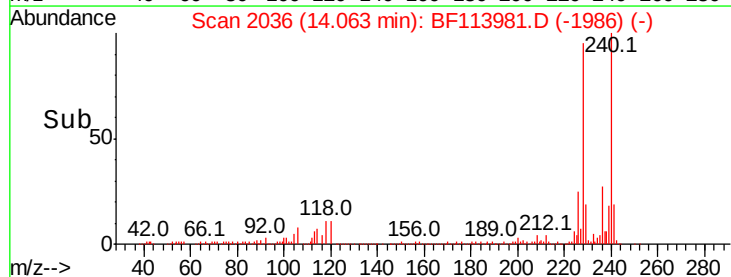
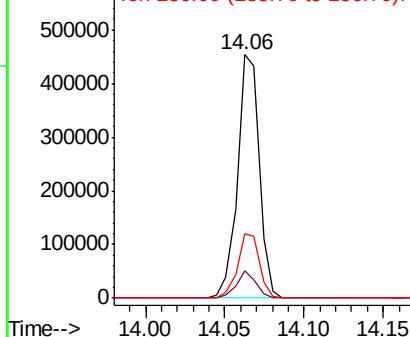
Lab File: BF113981.D

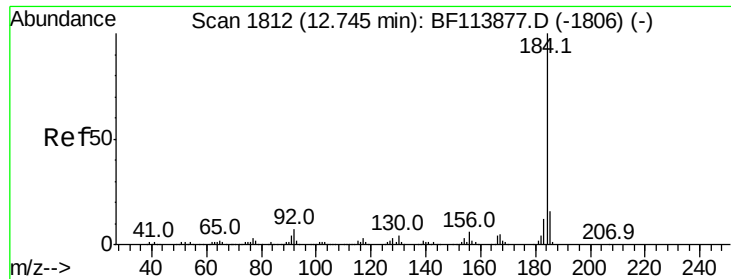
Acq: 25 Apr 2019 16:57

Tgt Ion:	240	Resp:	432931
Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.3	13.9
236	26.5	21.2	31.8



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





#77

Benzidine

Concen: 36.099 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

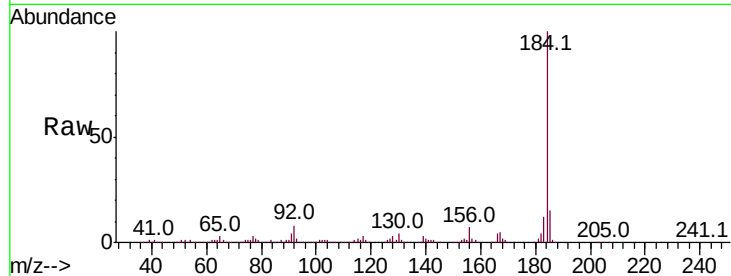
ClientSampleId :

RBR200051MS

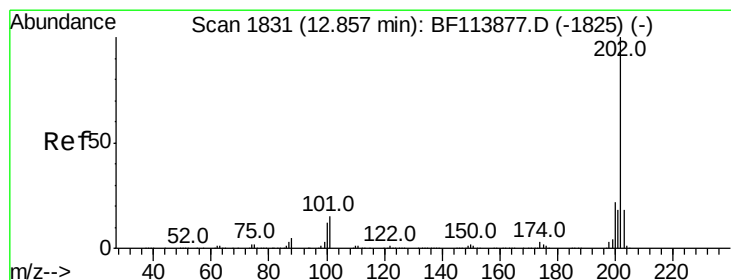
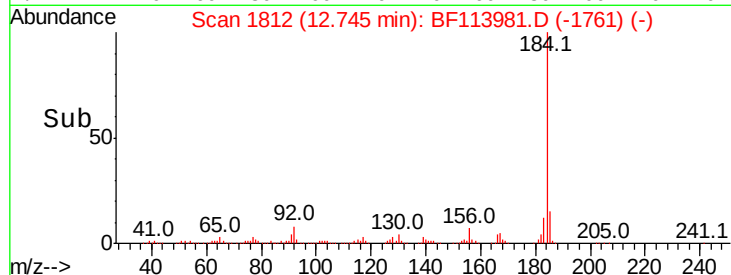
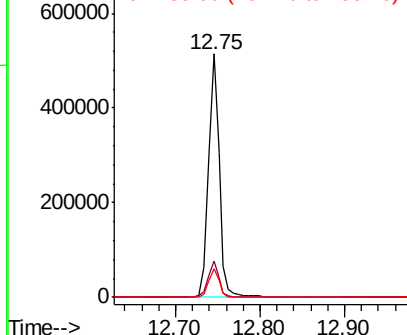
Tot Ion:	184	Resp:	465655
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.0	19.6
183	11.8	9.4	14.0

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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: 43.514 ng

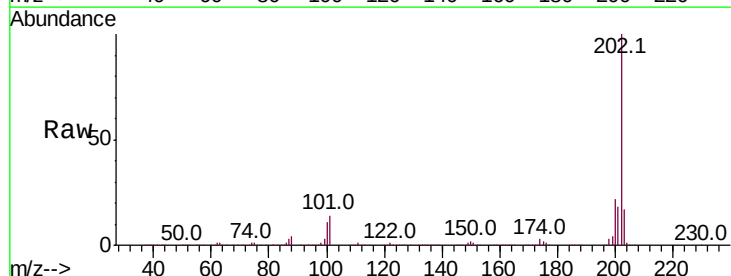
RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

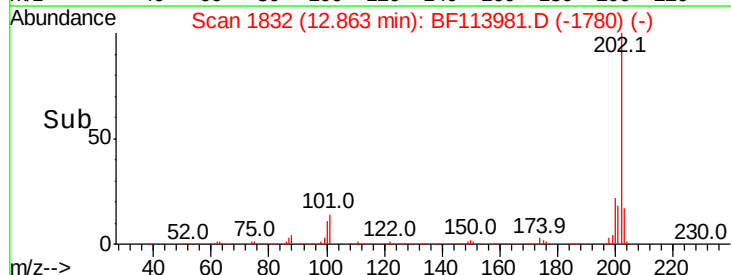
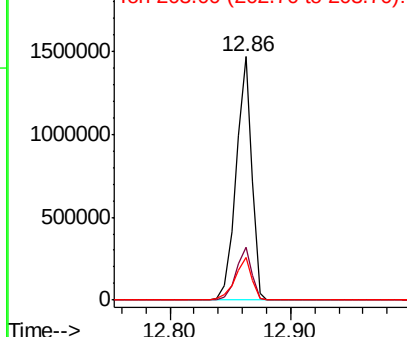
Lab File: BF113981.D

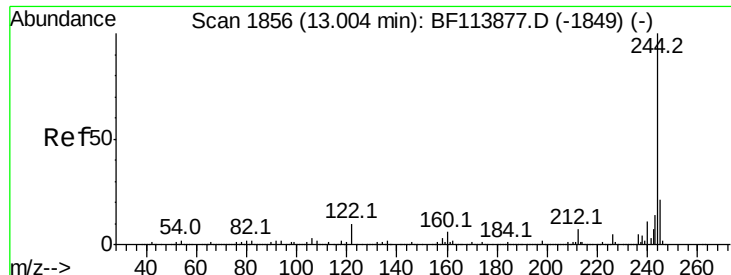
Acq: 25 Apr 2019 16:57

Tgt Ion:	202	Resp:	1317407
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	17.5	15.0	22.6



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





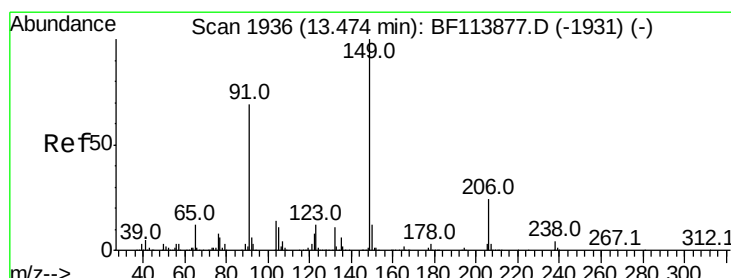
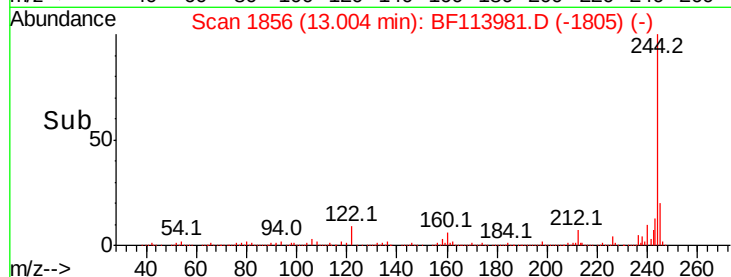
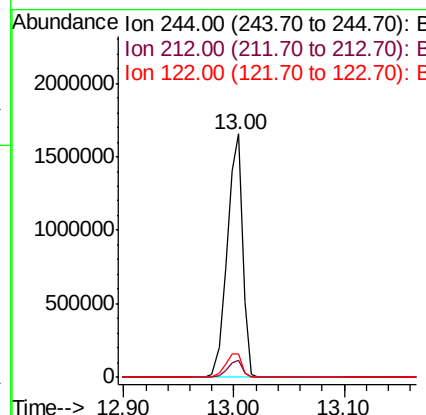
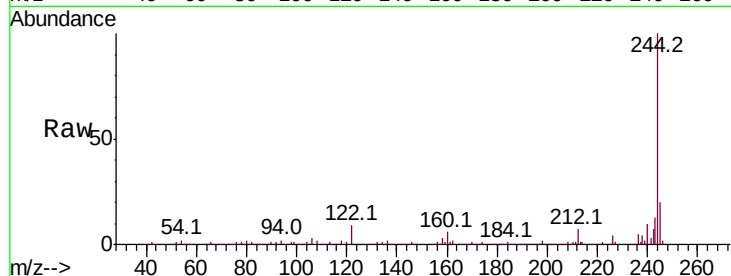
#79
 Terphenyl-d14
 Concen: 76.547 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	9.4	7.6	11.4

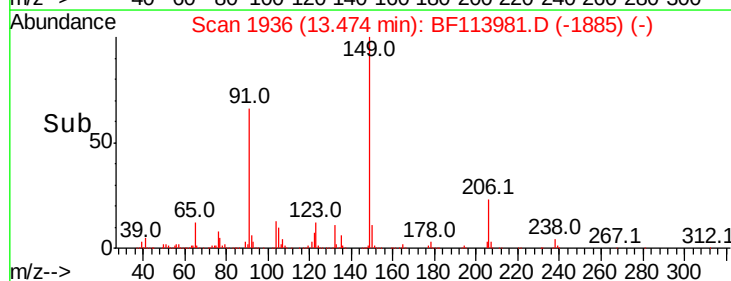
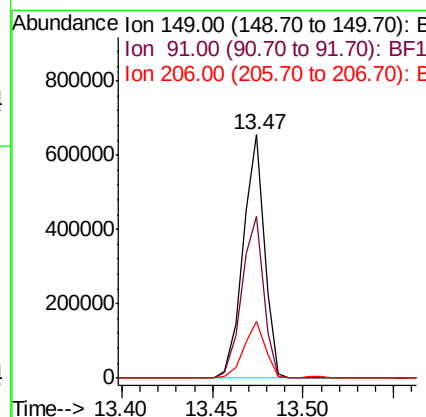
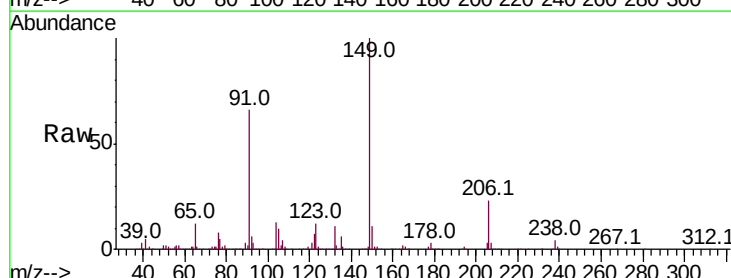
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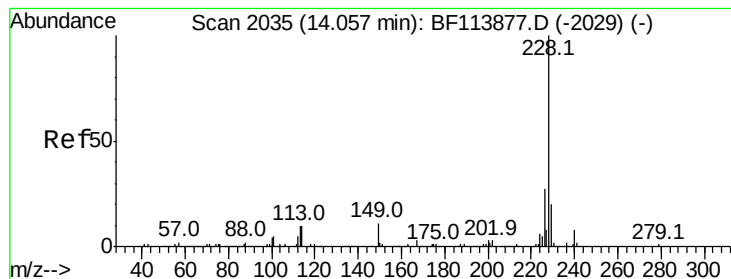
Sohil
 4/29/2019 5:49:48 AM



#80
 Butylbenzylphthalate
 Concen: 45.011 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	56.3	84.5
206	23.1	19.0	28.6





#81

Benzo(a)anthracene

Concen: 47.665 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

RBR200051MS

Tot Ion:228 Resp: 1215811

Ion Ratio Lower Upper

228 100

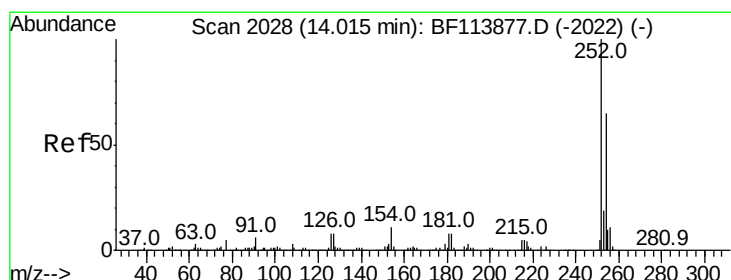
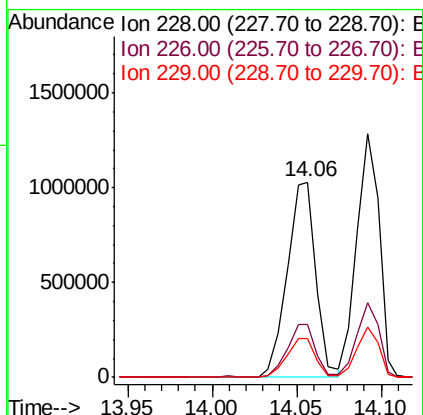
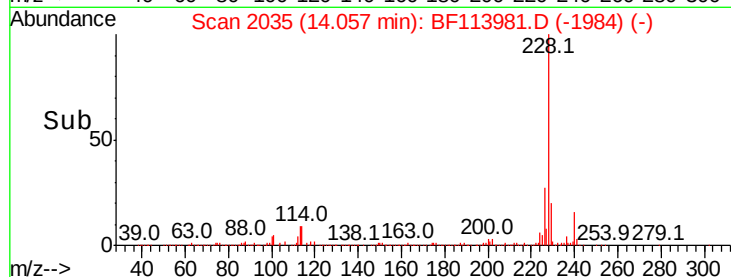
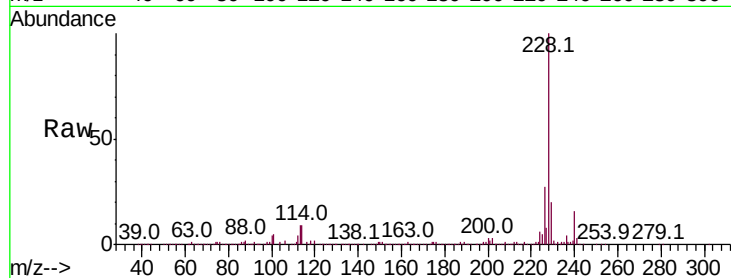
226 26.9 22.2 33.2

229 19.9 16.0 24.0

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#82

3,3'-Dichlorobenzidine

Concen: 36.083 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

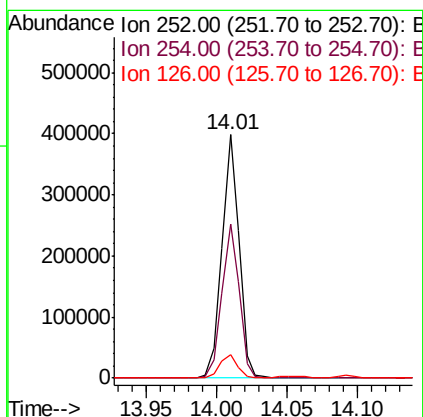
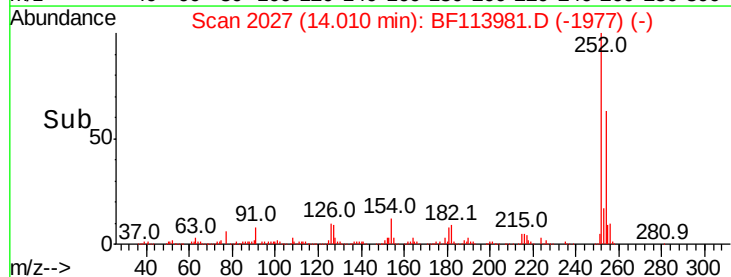
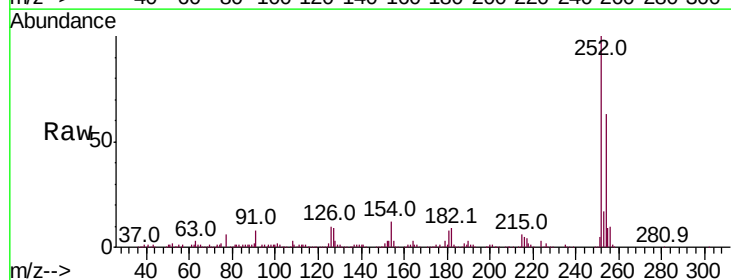
Tgt Ion:252 Resp: 337346

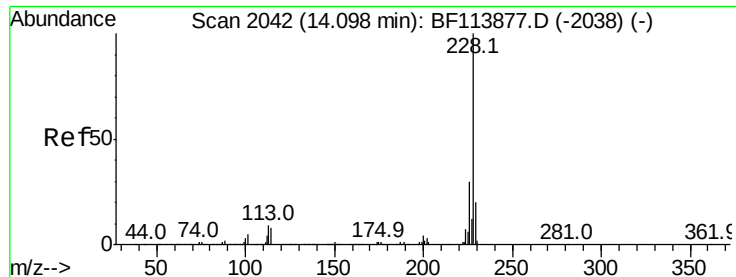
Ion Ratio Lower Upper

252 100

254 63.4 52.1 78.1

126 9.5 9.3 13.9





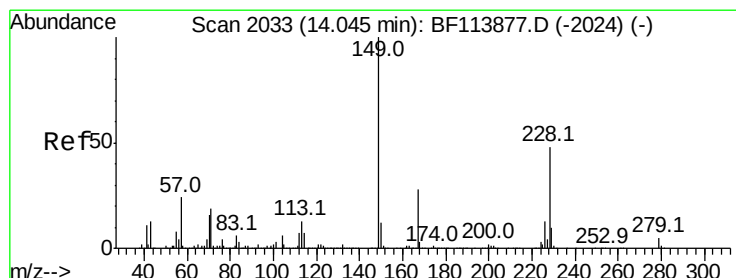
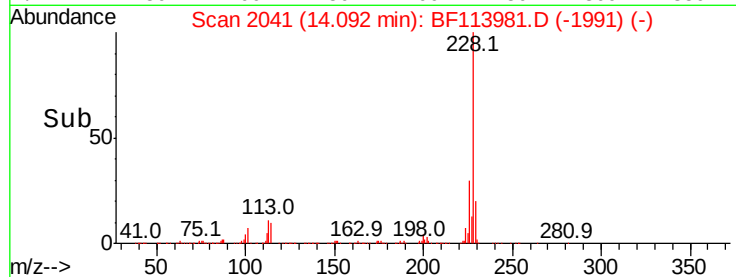
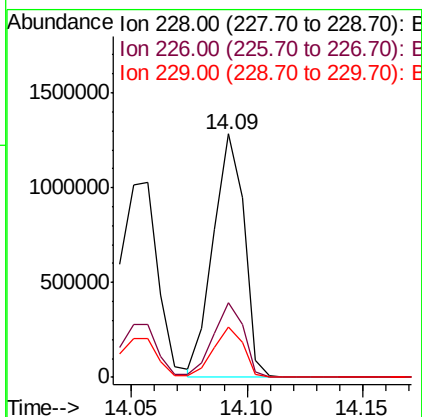
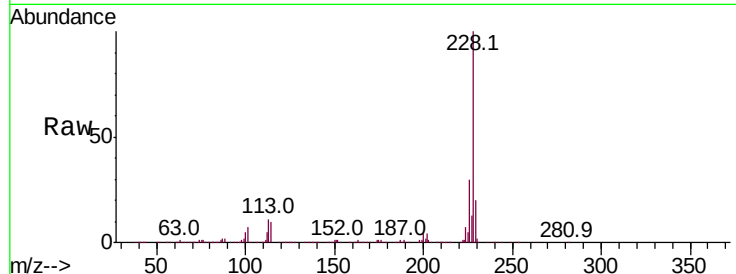
#83
 Chrvsene
 Concen: 47.700 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RBR200051MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.2	37.8
229	20.5	16.7	25.1

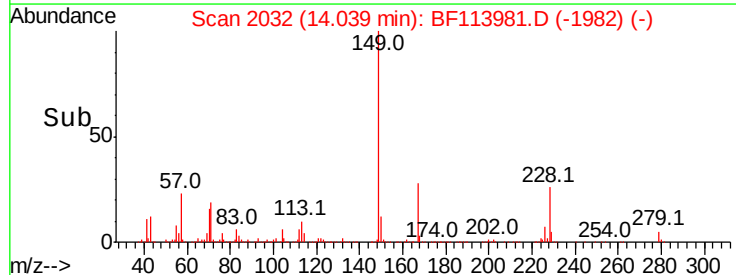
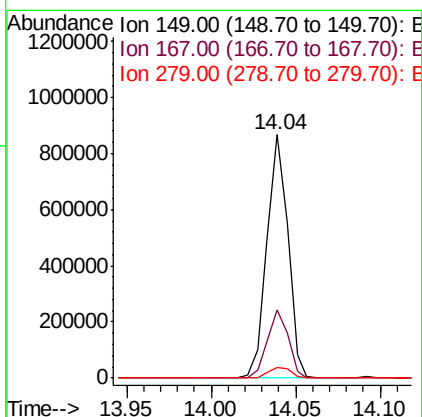
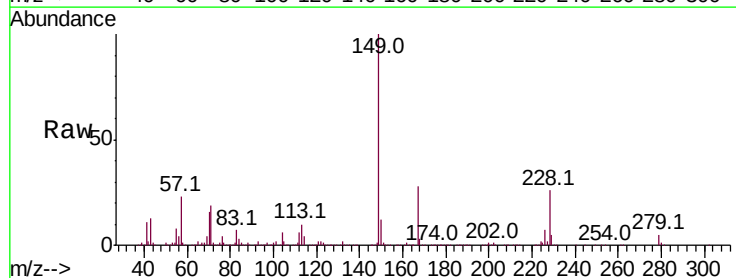
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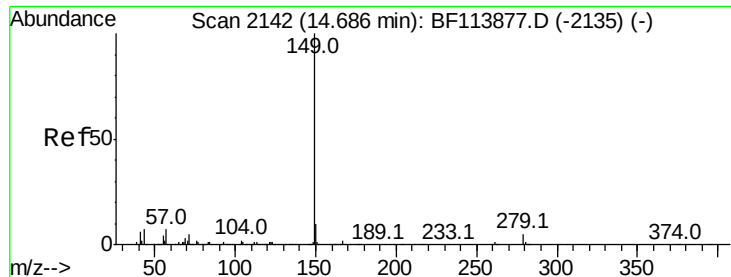
Sohil
 4/29/2019 5:49:48 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.269 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF113981.D
 Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	4.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 54.767 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

ClientSampleId :

RBR200051MS

Tot Ion:149 Resp: 1299185

Ion Ratio Lower Upper

149 100

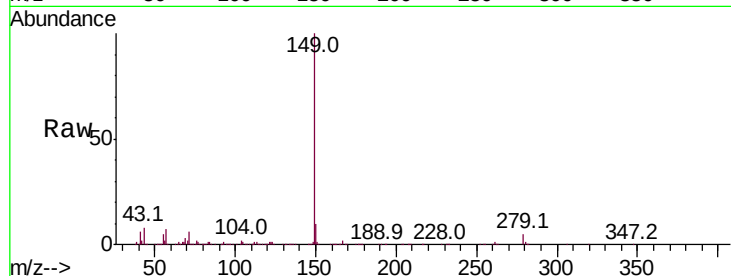
167 1.6 1.3 1.9

43 7.4 6.6 10.0

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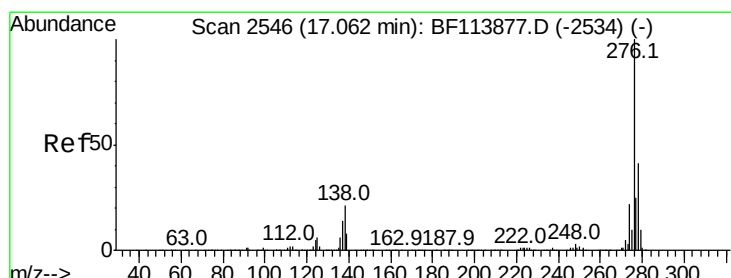
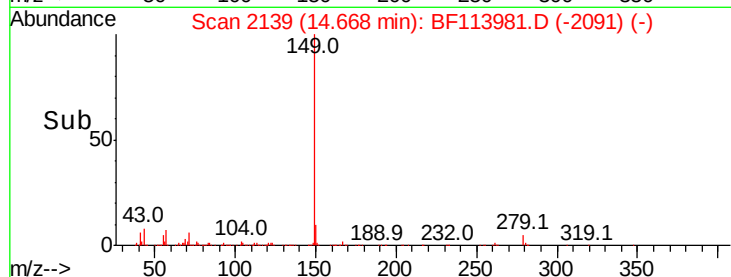
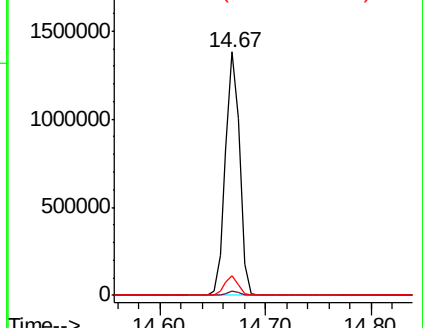
4/29/2019 5:49:48 AM



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: 50.377 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

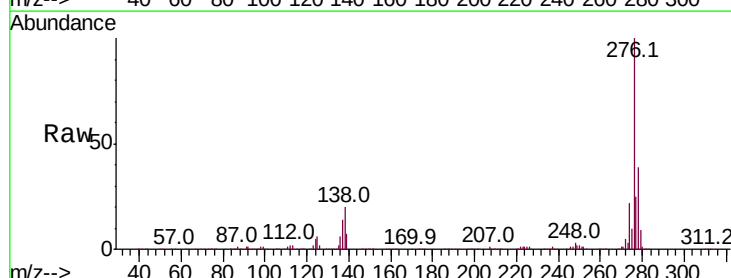
Tgt Ion:276 Resp: 1185415

Ion Ratio Lower Upper

276 100

138 22.7 19.6 29.4

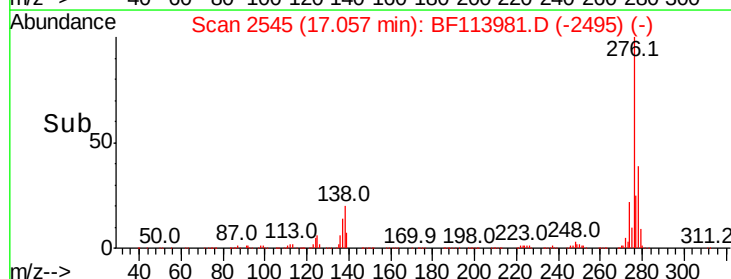
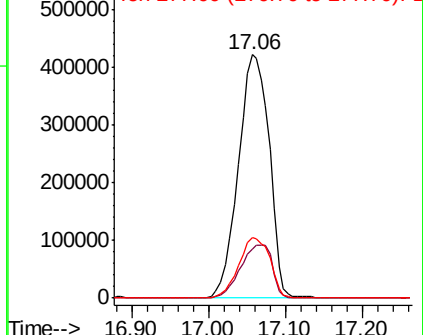
277 25.1 20.2 30.4

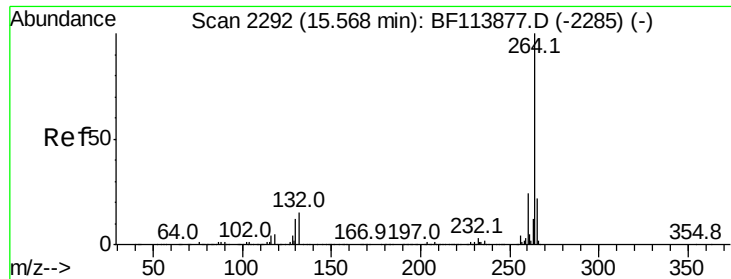


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Instrument :

BNA_F

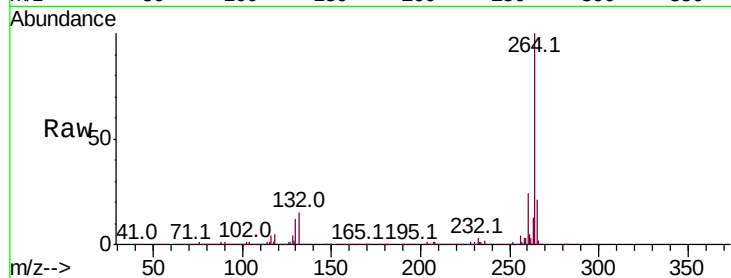
ClientSampleID :

RBR200051MS

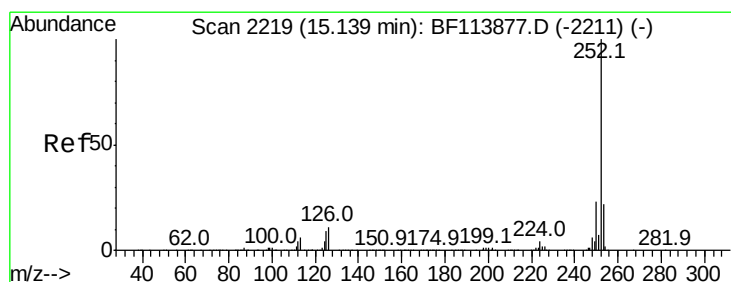
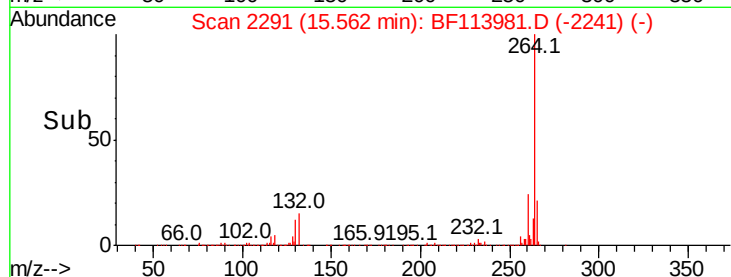
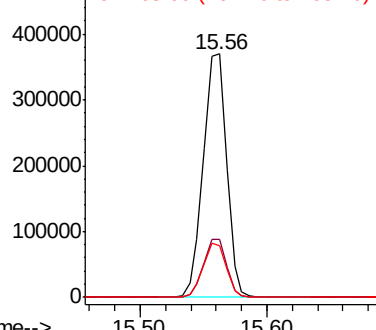
Tot Ion:	264	Resp:	471159
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	21.2	17.3	25.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.668 ng

RT: 15.13 min Scan# 2217

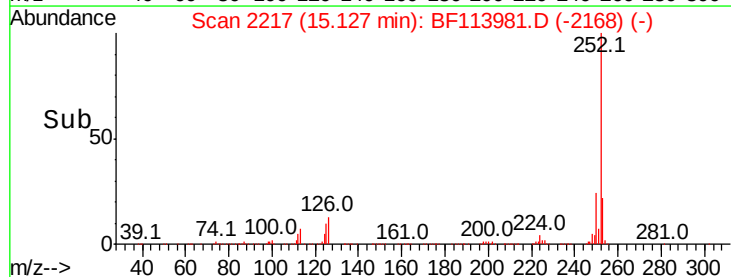
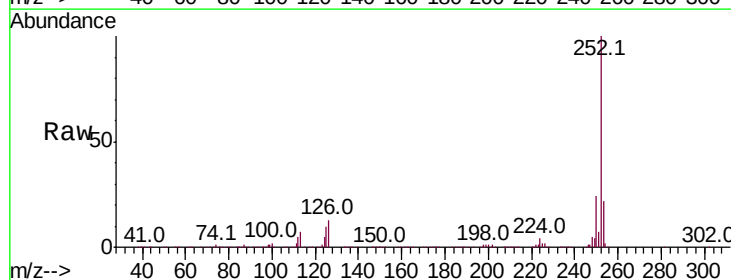
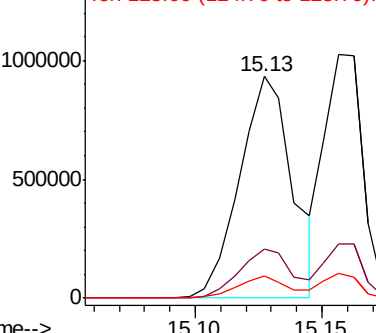
Delta R.T. -0.01 min

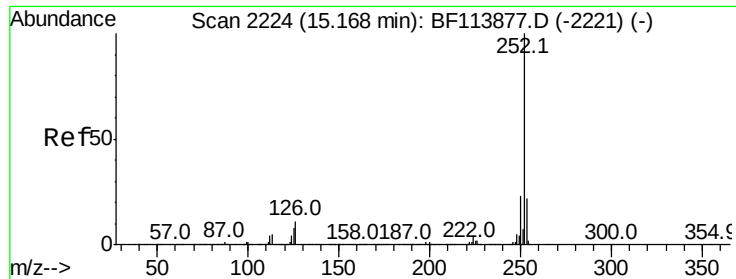
Lab File: BF113981.D

Acq: 25 Apr 2019 16:57

Tgt Ion:	252	Resp:	1361373
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	9.8	7.0	10.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





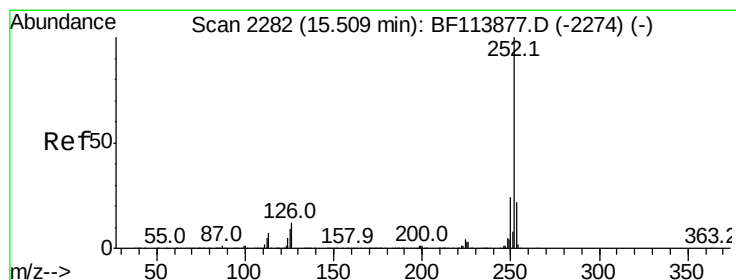
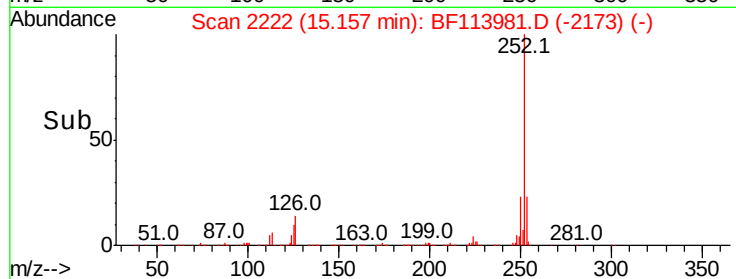
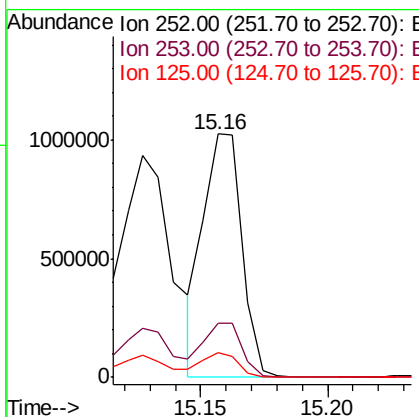
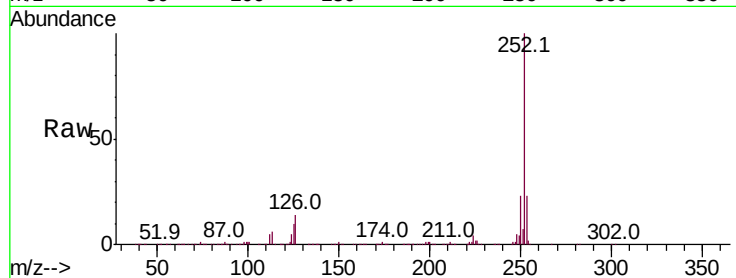
#89
Benzo(k)fluoranthene
Concen: 42.069 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.9	7.4	11.2

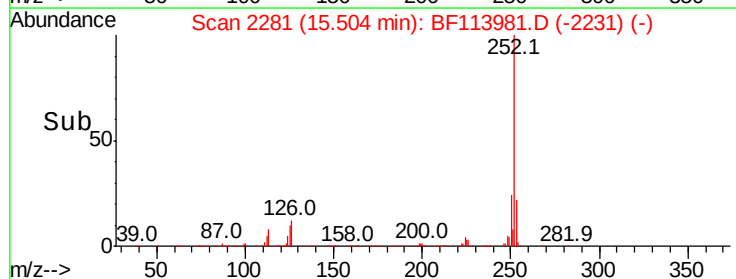
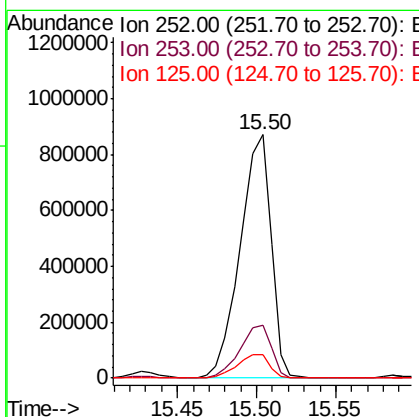
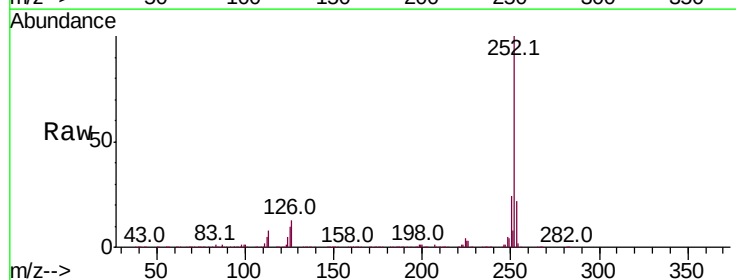
Manual Integrations
APPROVED

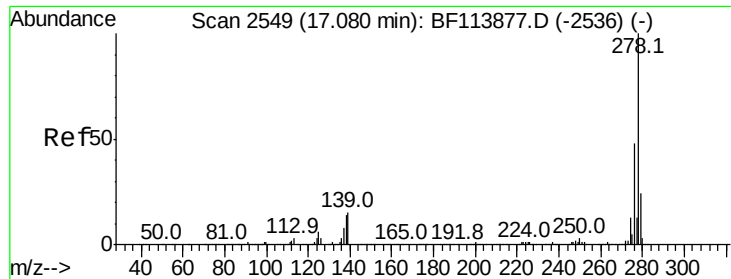
Sohil
4/29/2019 5:49:48 AM



#90
Benzo(a)pyrene
Concen: 45.748 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.7	8.5	12.7





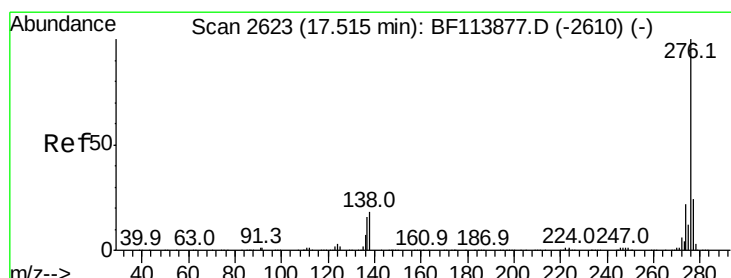
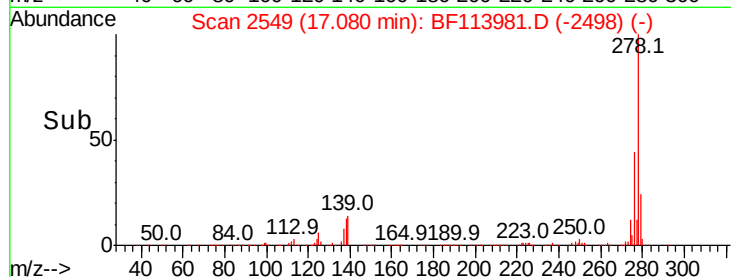
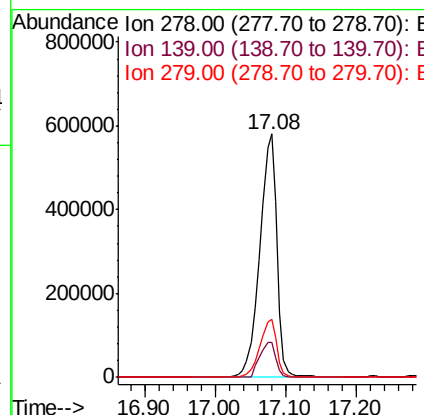
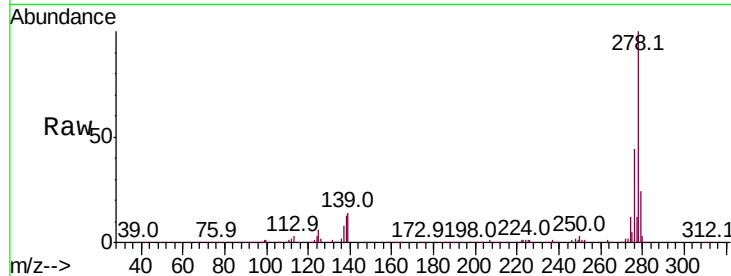
#91
Dibenzo(a,h)anthracene
Concen: 40.879 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.6	17.4
279	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:48 AM



#92
Benzo(g,h,i)perylene
Concen: 39.347 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF113981.D
Acq: 25 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	19.2	16.6	25.0

