

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112311.D
 Acq On : 30 Jan 2019 9:18
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/1/2019 12:06:06 AM

Quant Time: Jan 30 10:26:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	196762	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	754404	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	361899	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	645353	20.00	ng	0.00
76) Chrysene-d12	14.00	240	422682	20.00	ng	0.00
87) Perylene-d12	15.47	264	394058	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	864677	93.34	ng	-0.01
7) Phenol-d6	6.49	99	1032996	80.25	ng	0.00
23) Nitrobenzene-d5	7.40	82	985601	75.28	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	306504	72.76	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1925742	75.26	ng	0.00
79) Terphenyl-d14	12.94	244	1770804	78.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	180209	48.835	ng	96
3) Pyridine	3.33	79	462868	49.310	ng	99
4) n-Nitrosodimethylamine	3.28	42	186932	47.399	ng	94
6) Aniline	6.50	93	615396	40.190	ng	# 68
8) 2-Chlorophenol	6.63	128	496371	39.832	ng	99
9) Benzaldehyde	6.39	77	272091	40.442	ng	93
10) Phenol	6.50	94	557901	39.506	ng	92
11) bis(2-Chloroethyl)ether	6.57	93	442661	39.814	ng	99
12) 1,3-Dichlorobenzene	6.78	146	564269	38.880	ng	98
13) 1,4-Dichlorobenzene	6.86	146	578863	38.756	ng	98
14) 1,2-Dichlorobenzene	7.01	146	535095	38.264	ng	96
15) Benzyl Alcohol	6.99	79	407308	37.537	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	567610	39.762	ng	79
17) 2-Methylphenol	7.10	107	370462	37.501	ng	94
18) Hexachloroethane	7.35	117	196171	37.402	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	334061	37.637	ng	98
20) 3+4-Methylphenols	7.26	107	483086	38.242	ng	# 79
22) Acetophenone	7.25	105	685430	37.313	ng	# 96
24) Nitrobenzene	7.42	77	494120	37.789	ng	99
25) Isophorone	7.66	82	776720	37.815	ng	97
26) 2-Nitrophenol	7.74	139	269000	38.495	ng	95
27) 2,4-Dimethylphenol	7.78	122	365170	37.929	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	540129	38.620	ng	99
29) 2,4-Dichlorophenol	7.99	162	418330	38.827	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	483666	39.054	ng	98
31) Naphthalene	8.15	128	1316495	37.316	ng	99
32) Benzoic acid	7.91	122	192607m	35.071	ng	
33) 4-Chloroaniline	8.19	127	581075	37.827	ng	98
34) Hexachlorobutadiene	8.26	225	278251	38.287	ng	99
35) Caprolactam	8.57	113	140975	37.091	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	414548	36.346	ng	100
37) 2-Methylnaphthalene	8.83	142	894702	37.046	ng	98
38) 1-Methylnaphthalene	8.93	142	850872	36.757	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	467025	39.304	ng	99

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 BNA_F
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 SSTDC040

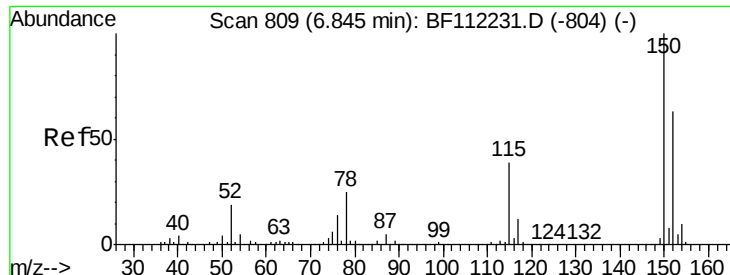
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	32054	15.776	nq	96
43) 2,4,6-Trichlorophenol	9.12	196	289951	39.587	nq	97
44) 2,4,5-Trichlorophenol	9.17	196	300951	39.314	nq	98
46) 1,1'-Biphenyl	9.30	154	1203955	38.053	nq	99
47) 2-Chloronaphthalene	9.33	162	935454	38.128	nq	98
48) 2-Nitroaniline	9.42	65	255563	38.217	nq	91
49) Acenaphthylene	9.74	152	1350068	37.543	nq	99
50) Dimethylphthalate	9.59	163	1092085	38.840	nq	99
51) 2,6-Dinitrotoluene	9.66	165	240695	38.222	nq	90
52) Acenaphthene	9.91	154	810395	37.725	nq	100
53) 3-Nitroaniline	9.83	138	253625	37.176	nq #	93
54) 2,4-Dinitrophenol	9.95	184	22854	11.308	nq	91
55) Dibenzofuran	10.08	168	1225672	37.336	nq	95
56) 4-Nitrophenol	10.02	139	108487	30.078	nq	97
57) 2,4-Dinitrotoluene	10.07	165	303019	37.797	nq #	87
58) Fluorene	10.43	166	906371	36.896	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	219615	37.963	nq	96
60) Diethylphthalate	10.29	149	1084767	38.875	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	506733	37.920	nq	97
62) 4-Nitroaniline	10.45	138	238428	35.630	nq	97
63) Azobenzene	10.57	77	923161	37.618	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	73848	20.410	nq	97
66) n-Nitrosodiphenylamine	10.53	169	886448	40.756	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	306695	40.406	nq	98
68) Hexachlorobenzene	10.98	284	315128	38.697	nq	99
69) Atrazine	11.06	200	275409	39.243	nq	96
70) Pentachlorophenol	11.18	266	115153	36.341	nq	98
71) Phenanthrene	11.39	178	1233361	36.761	nq	99
72) Anthracene	11.44	178	1244863	37.248	nq	99
73) Carbazole	11.59	167	1168077	35.432	nq	99
74) Di-n-butylphthalate	11.92	149	1591879	38.902	nq	99
75) Fluoranthene	12.57	202	1136199	31.574	nq	100
77) Benzidine	12.69	184	409049	35.161	nq	96
78) Pyrene	12.80	202	1138146	38.892	nq	99
80) Butylbenzylphthalate	13.41	149	558787	39.467	nq	92
81) Benzo(a)anthracene	13.99	228	939277	37.802	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	368772	39.657	nq	99
83) Chrysene	14.03	228	916646	38.647	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	806763	40.142	nq	98
85) Di-n-octyl phthalate	14.58	149	1207300	39.044	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	741840	39.473	nq	97
88) Benzo(b)fluoranthene	15.04	252	878714	37.286	nq	99
89) Benzo(k)fluoranthene	15.07	252	896013	39.693	nq	99
90) Benzo(a)pyrene	15.41	252	816894	38.524	nq	100
91) Dibenzo(a,h)anthracene	16.95	278	640157	37.458	nq	99
92) Benzo(g,h,i)perylene	17.39	276	562982	34.917	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Instrument :

BNA_F

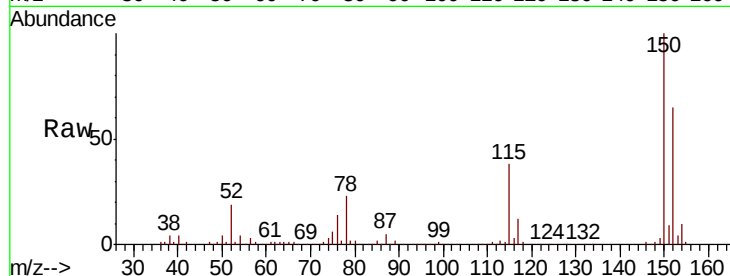
ClientSampleId :

SSTDCCC040

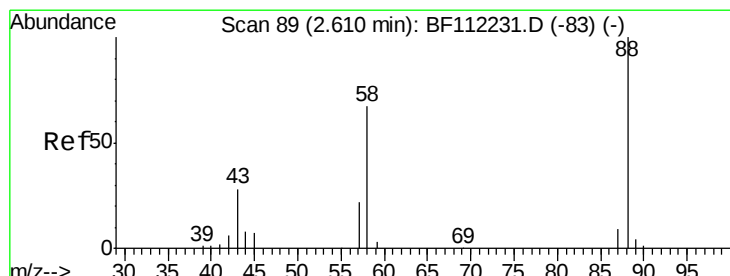
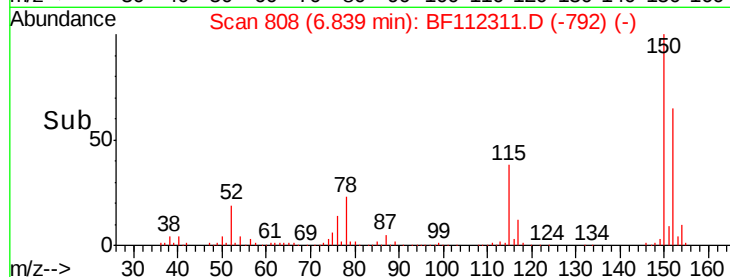
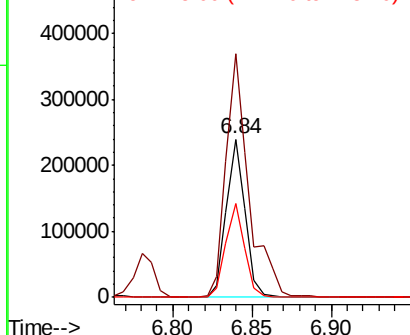
Tot Ion:	152	Resp:	196762
Ion Ratio	Lower	Upper	
152	100		
150	154.0	127.4	191.0
115	59.3	45.5	68.3

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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: 48.835 ng

RT: 2.58 min Scan# 83

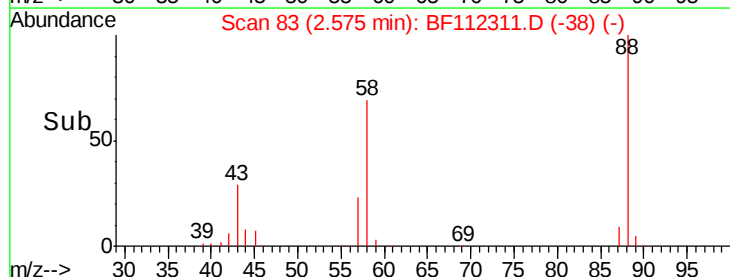
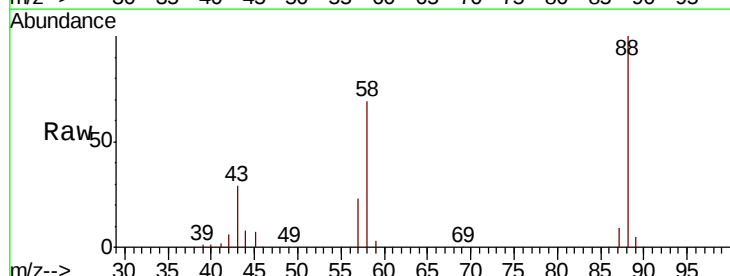
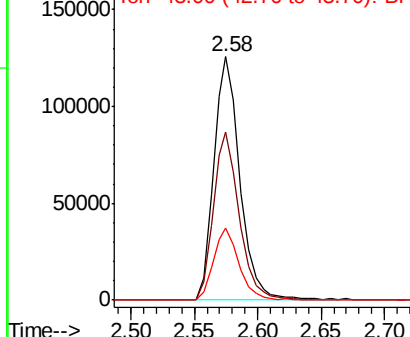
Delta R.T. -0.04 min

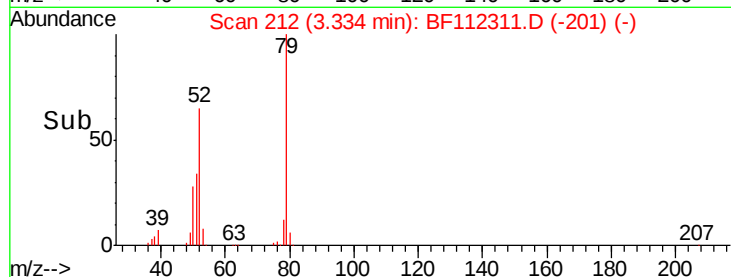
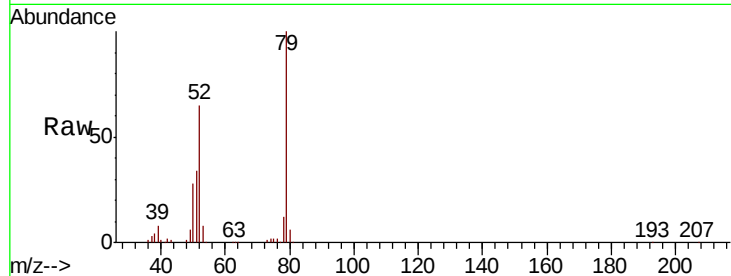
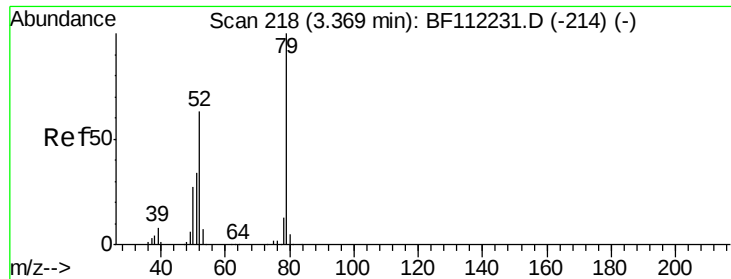
Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Tgt Ion:	88	Resp:	180209
Ion Ratio	Lower	Upper	
88	100		
58	68.6	57.4	86.2
43	29.2	22.2	33.4

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





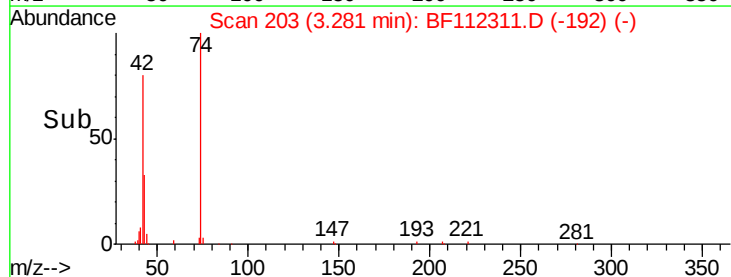
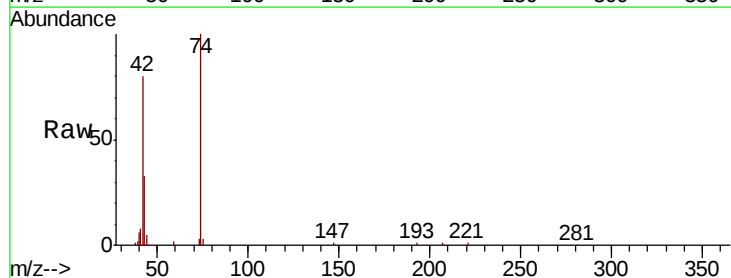
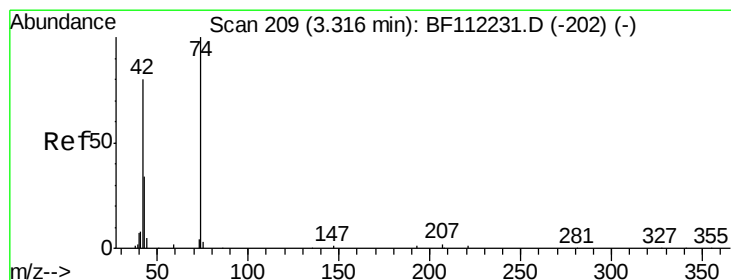
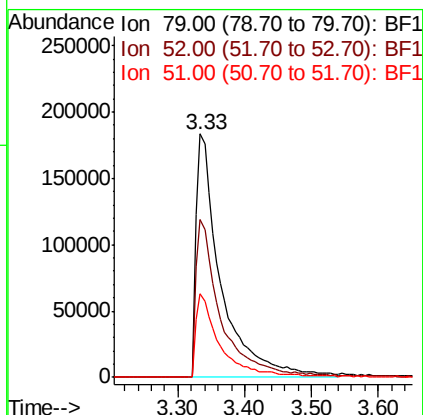
#3
Pvridine
Concen: 49.310 ng
RT: 3.33 min Scan# 212
Delta R.T. -0.04 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.1	52.4	78.6
51	34.1	26.1	39.1

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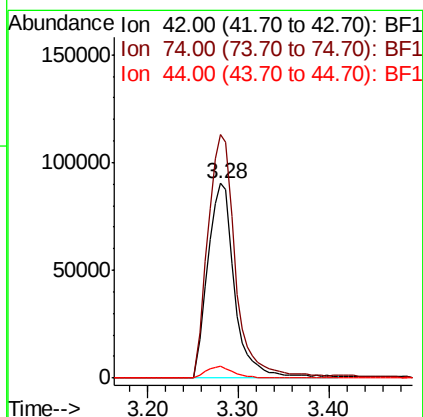
Manual Integrations
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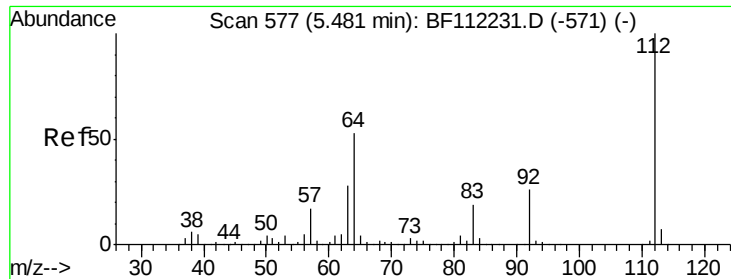
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#4
n-Nitrosodimethylamine
Concen: 47.399 ng
RT: 3.28 min Scan# 203
Delta R.T. -0.04 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	125.0	105.6	158.4
44	6.0	5.4	8.2





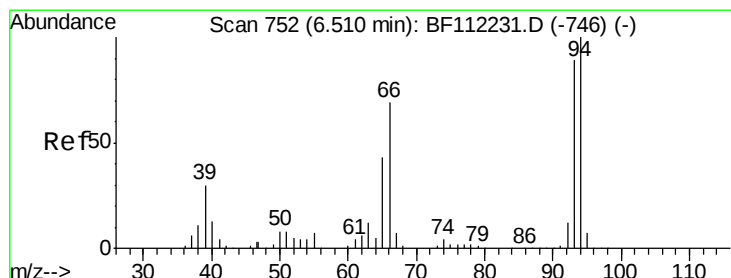
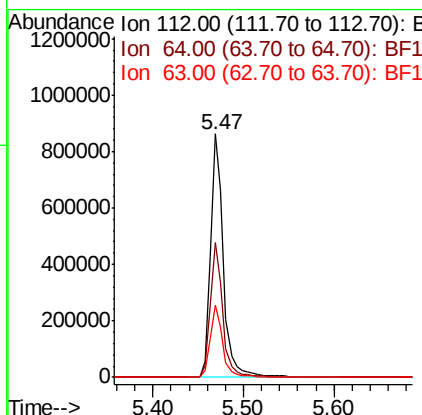
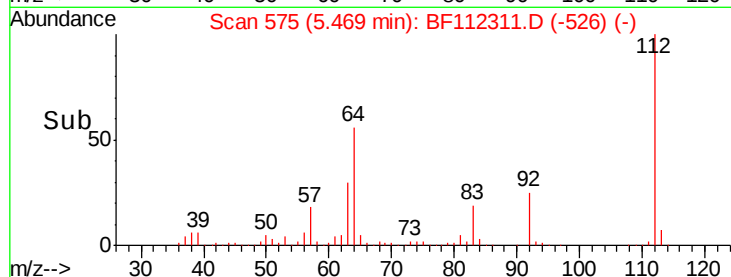
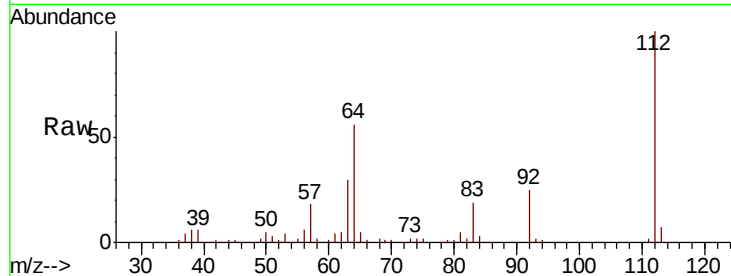
#5
2-Fluorophenol
Concen: 93.343 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	864677		
64	55.6	45.7	68.5	
63	29.8	23.6	35.4	

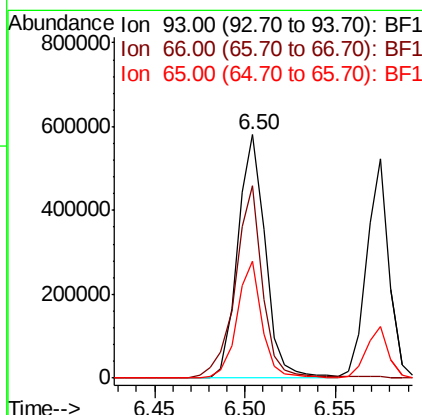
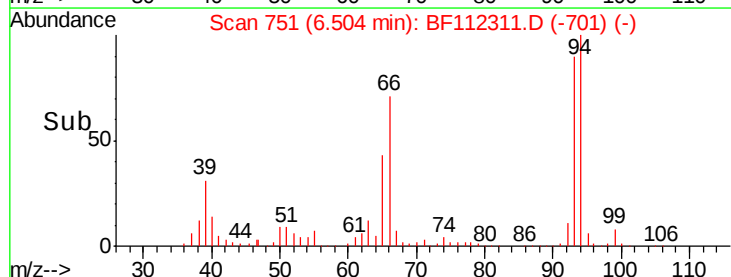
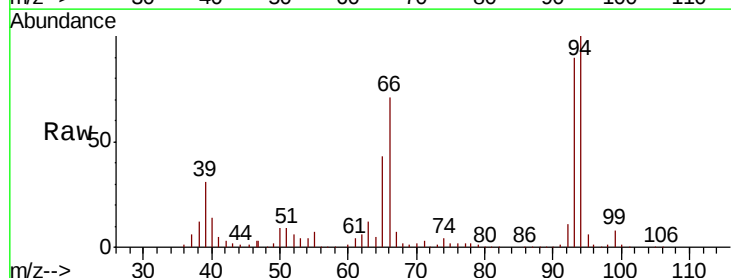
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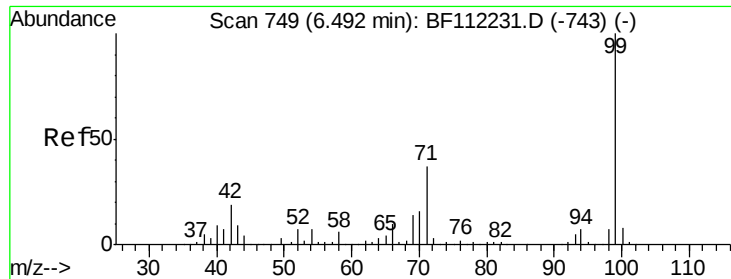
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#6
Aniline
Concen: 40.190 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	615396		
66	78.8	43.4	65.2#	
65	48.0	25.3	37.9#	





#7

Phenol-d6

Concen: 80.251 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1032996

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

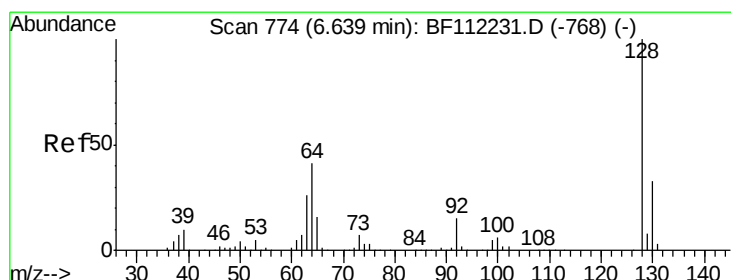
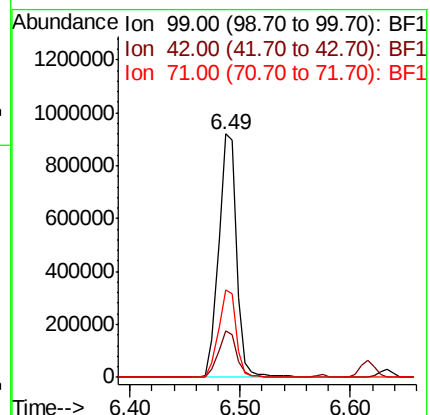
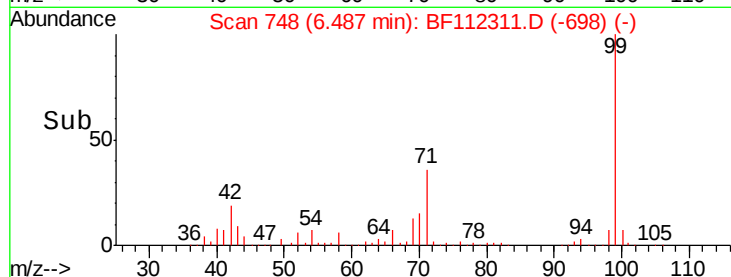
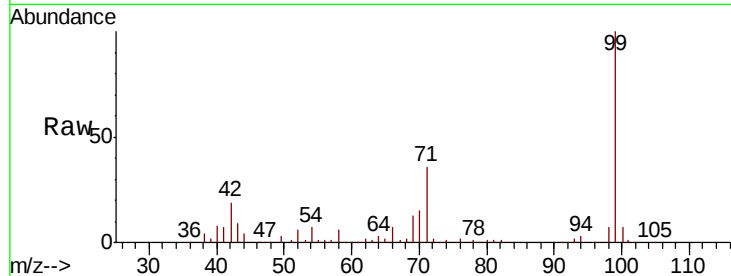
71 35.7 26.9 40.3

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#8

2-Chlorophenol

Concen: 39.832 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

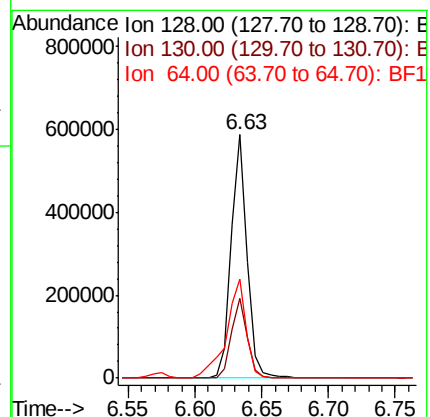
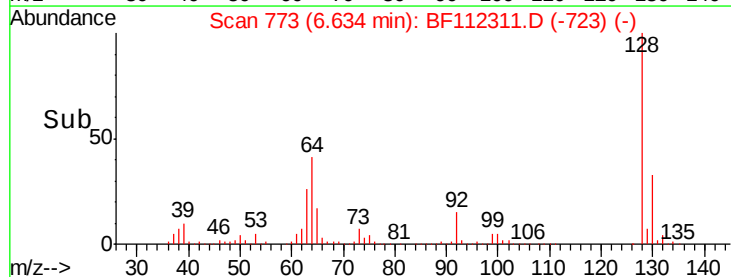
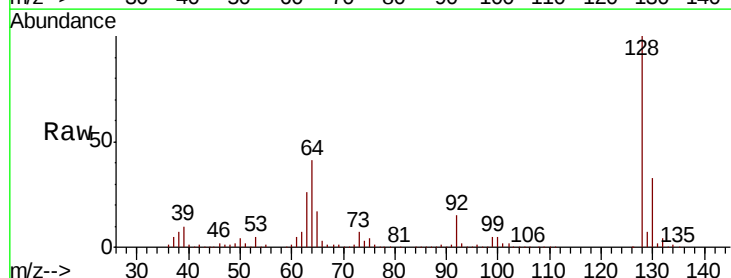
Tgt Ion: 128 Resp: 496371

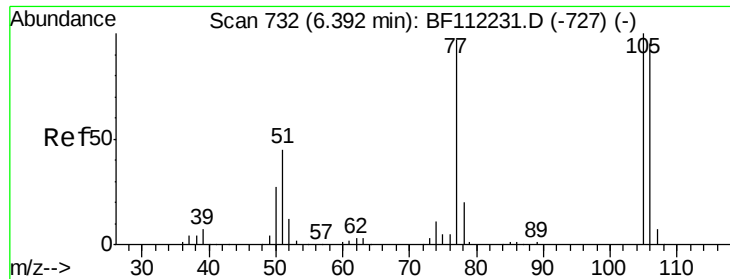
Ion Ratio Lower Upper

128 100

130 32.6 13.4 53.4

64 40.9 20.5 60.5





#9

Benzaldehyde

Concen: 40.442 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Instrument :

BNA_F

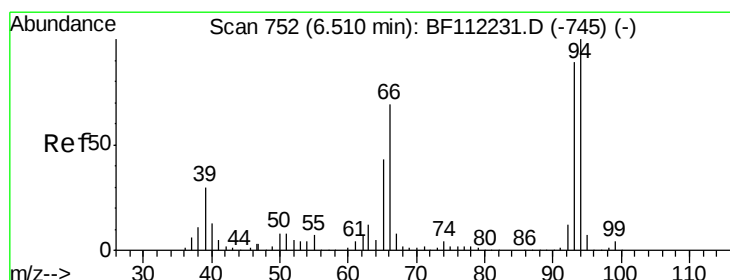
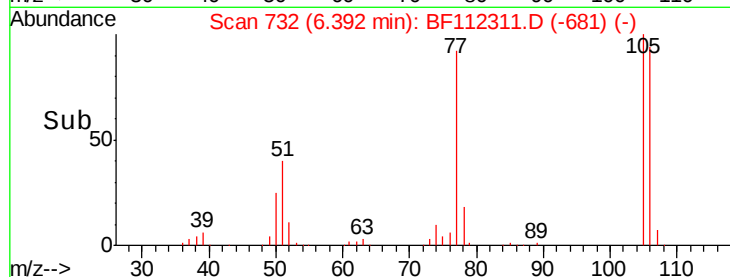
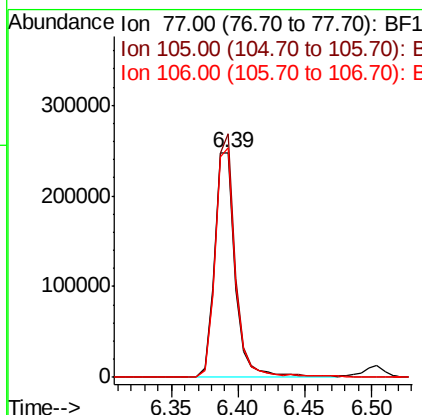
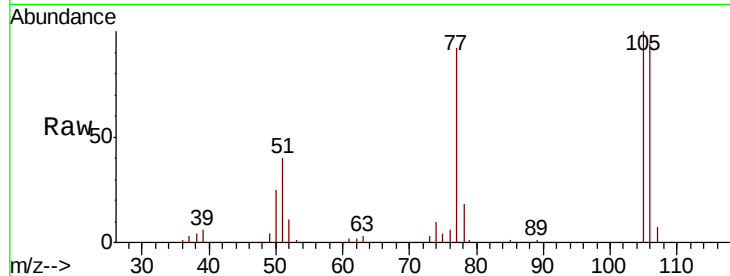
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	272091
Ion	Ratio	Lower	Upper
77	100		
105	108.3	80.8	120.8
106	102.0	75.7	115.7

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#10

Phenol

Concen: 39.506 ng

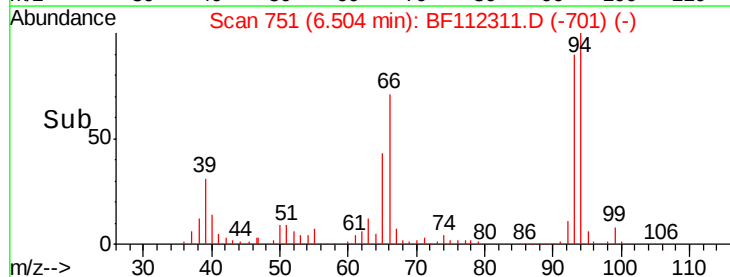
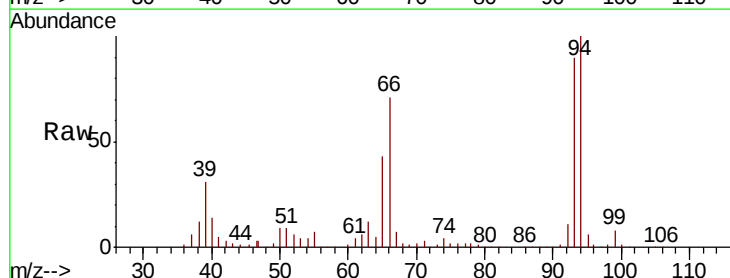
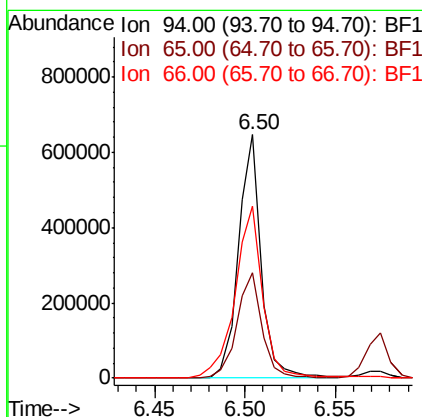
RT: 6.50 min Scan# 751

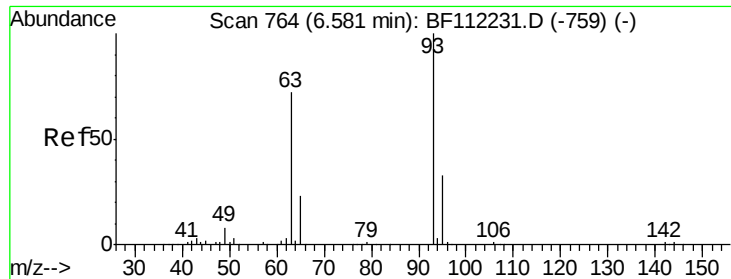
Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Tgt Ion:	94	Resp:	557901
Ion	Ratio	Lower	Upper
94	100		
65	43.1	20.3	60.3
66	70.7	42.4	82.4





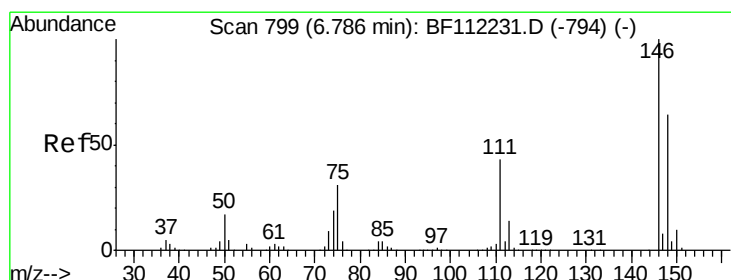
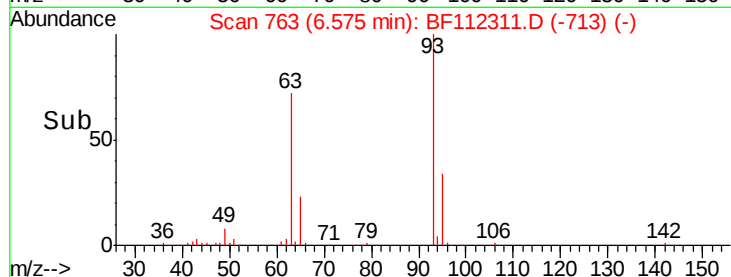
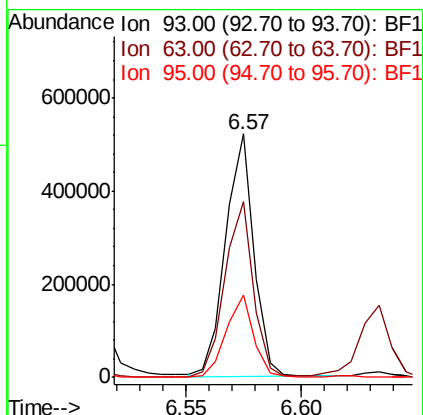
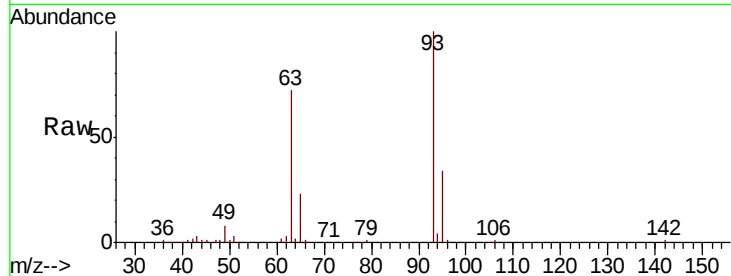
#11
bis(2-Chloroethyl)ether
Concen: 39.814 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	442661
Ion Ratio	Lower	Upper	
93	100		
63	72.3	53.3	93.3
95	33.8	13.4	53.4

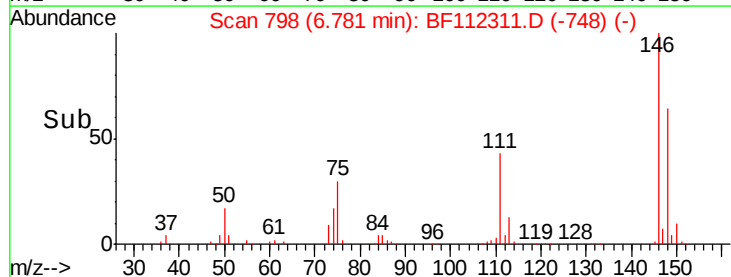
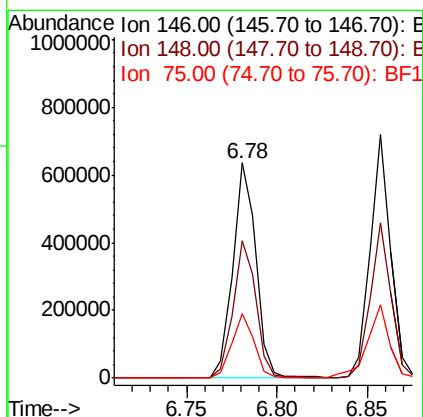
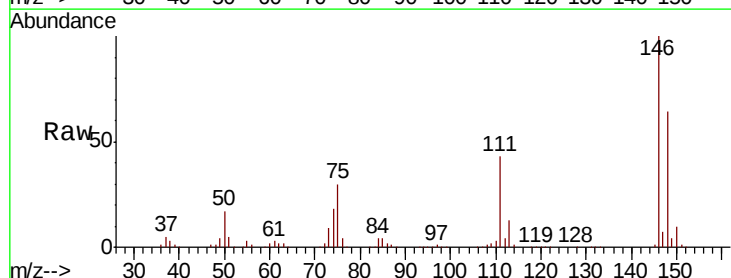
Manual Integrations
APPROVED

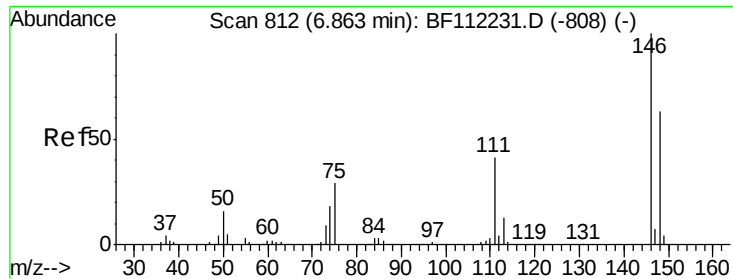
mohammad
2/1/2019 12:06:06 AM



#12
1,3-Dichlorobenzene
Concen: 38.880 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion:	146	Resp:	564269
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
75	30.2	23.1	34.7





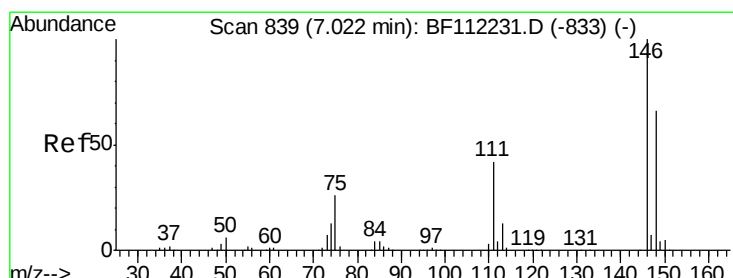
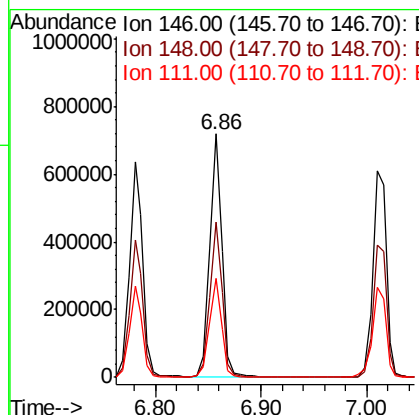
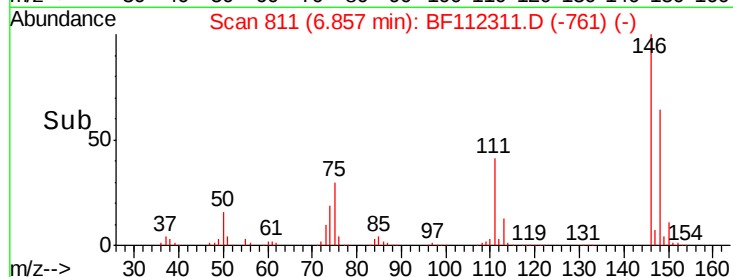
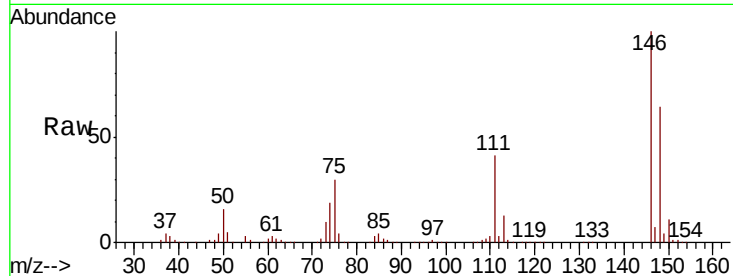
#13
1,4-Dichlorobenzene
Concen: 38.756 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.0	78.0
111	40.7	31.2	46.8

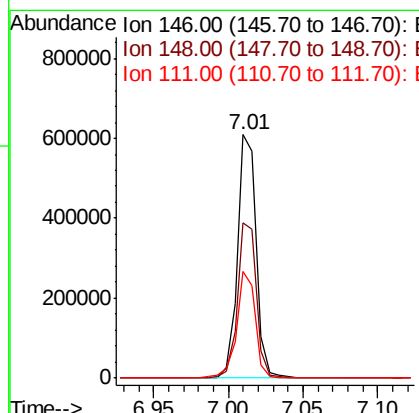
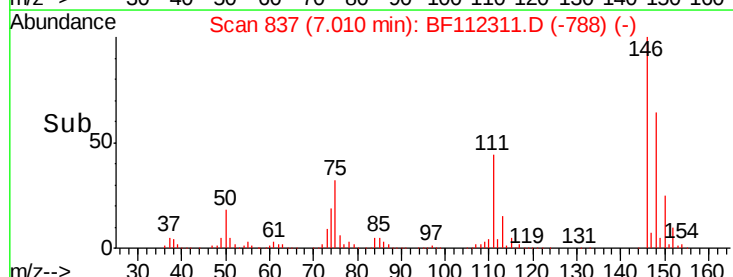
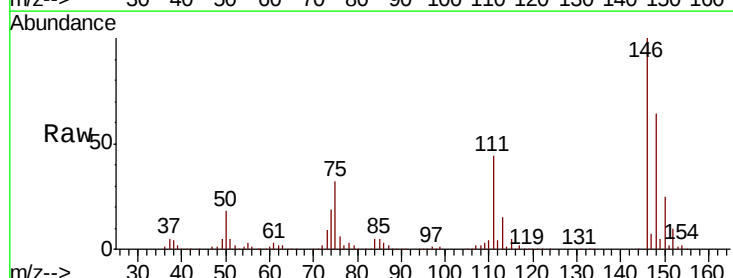
Manual Integrations
APPROVED

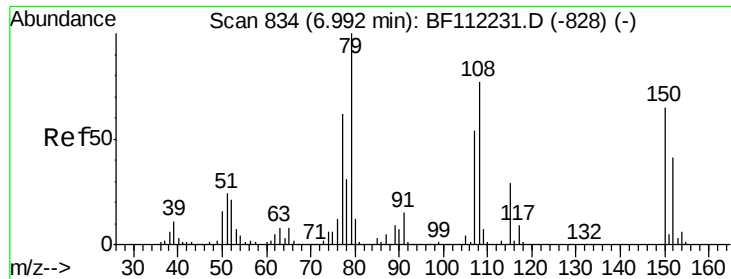
mohammad
2/1/2019 12:06:06 AM



#14
1,2-Dichlorobenzene
Concen: 38.264 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
111	43.6	31.2	46.8





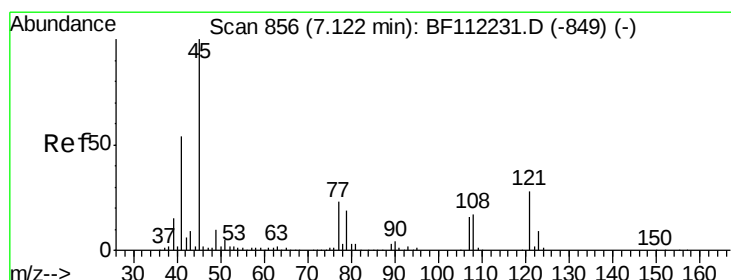
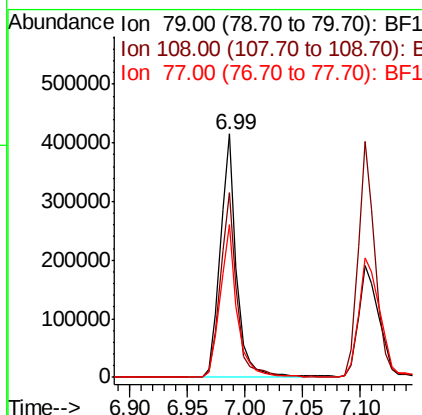
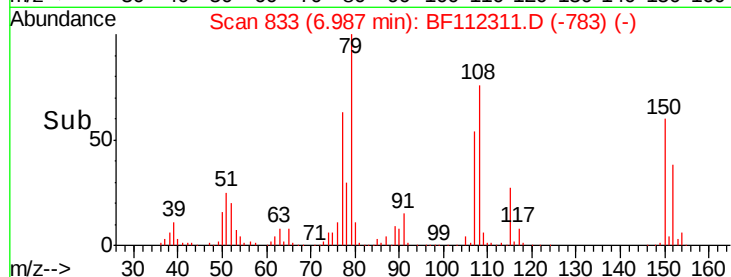
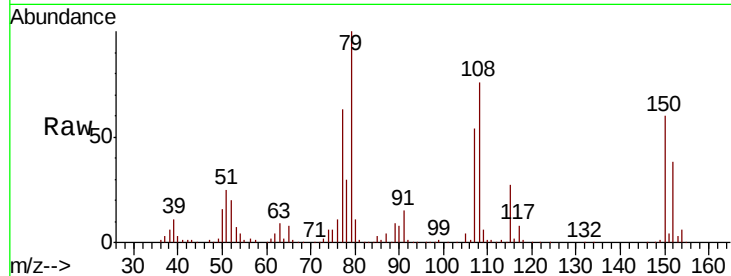
#15
Benzyl Alcohol
Concen: 37.537 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	64.2	96.2
77	62.7	50.3	75.5

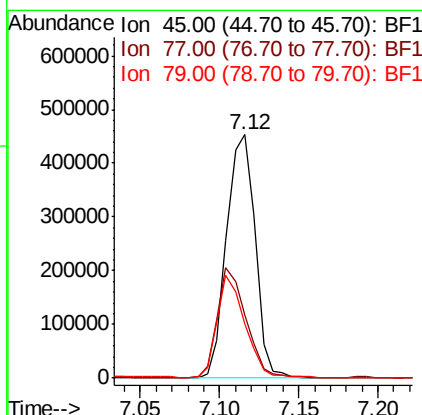
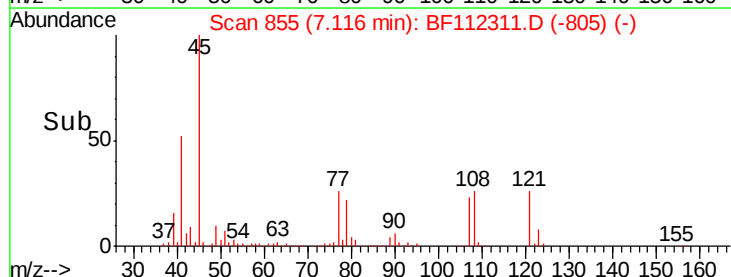
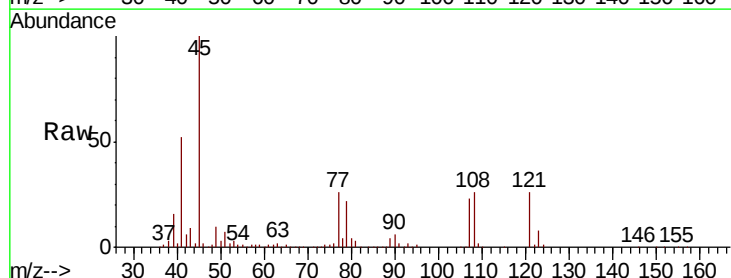
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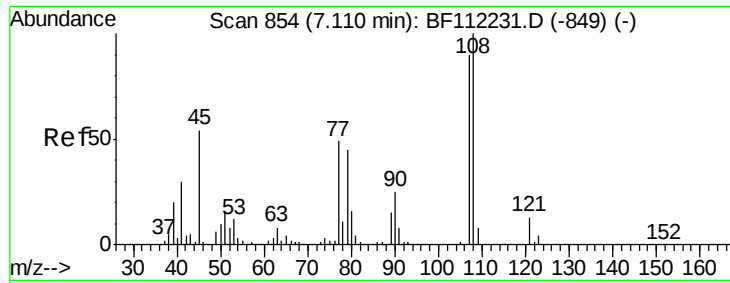
mohammad
2/1/2019 12:06:06 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.762 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.1	0.0	36.9
79	22.3	0.0	34.0





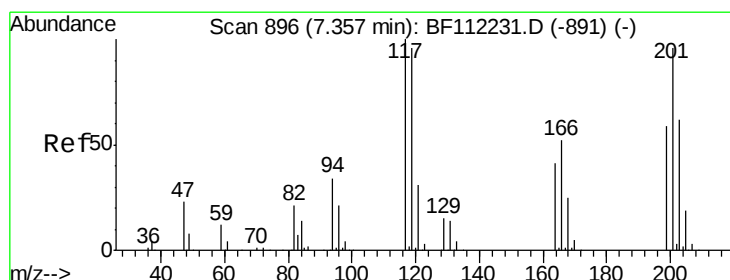
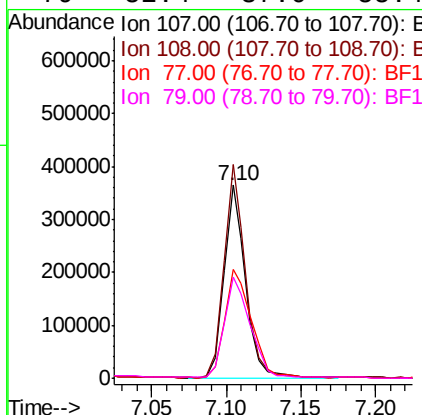
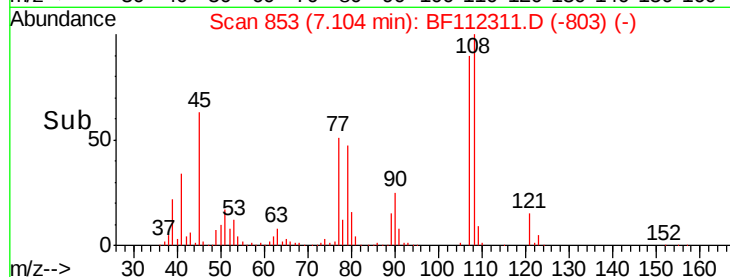
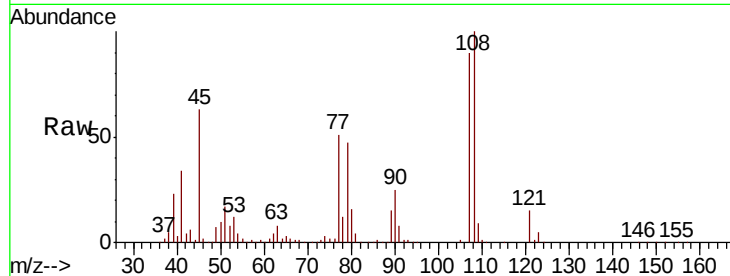
#17
2-Methylphenol
Concen: 37.501 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	91.3	136.9	
77	56.1	39.0	58.6	
79	52.4	37.0	55.4	

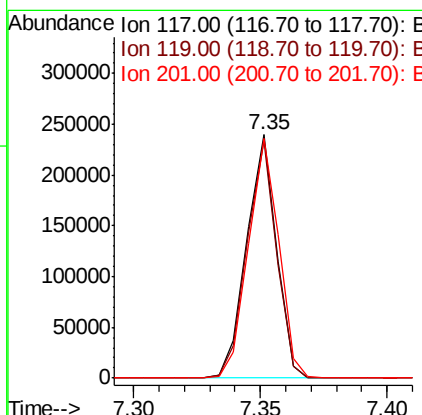
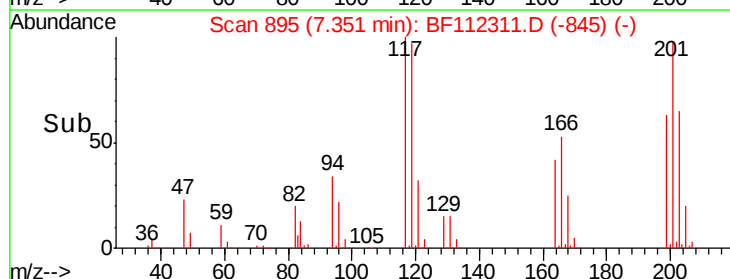
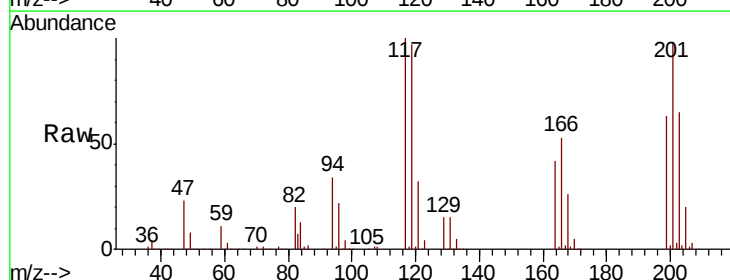
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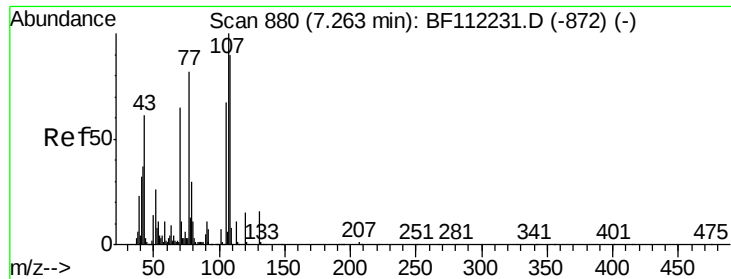
mohammad
2/1/2019 12:06:06 AM



#18
Hexachloroethane
Concen: 37.402 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	77.0	115.4	
201	98.4	74.1	111.1	





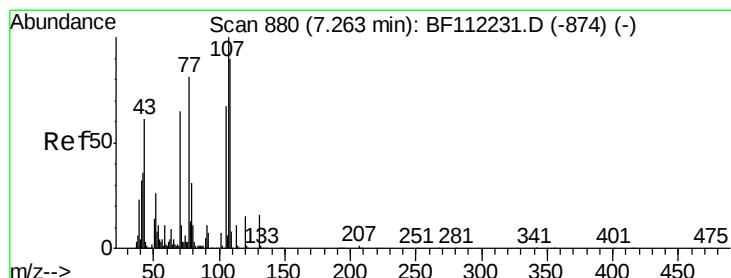
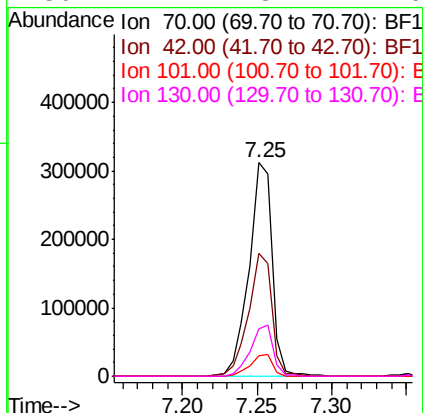
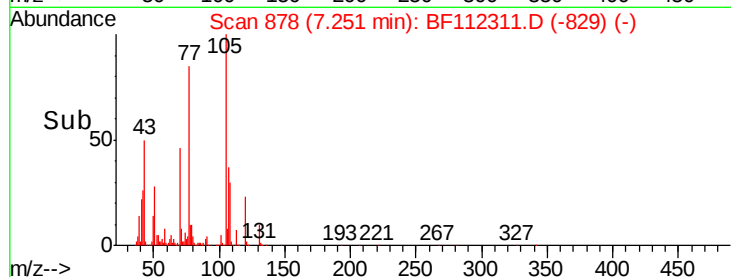
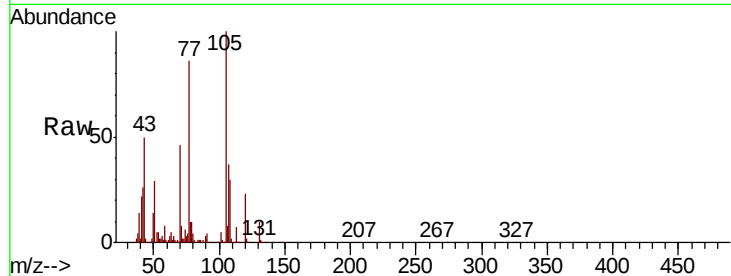
#19
n-Nitroso-di-n-propylamine
Concen: 37.637 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	47.6	71.4	
101	9.9	7.9	11.9	
130	22.2	18.4	27.6	

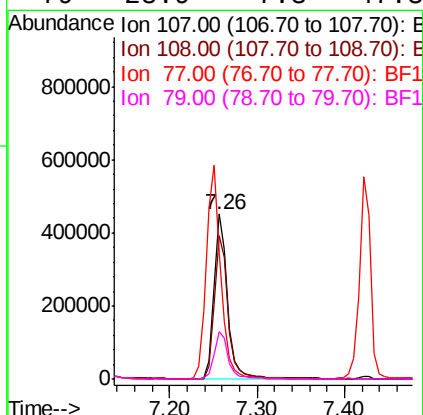
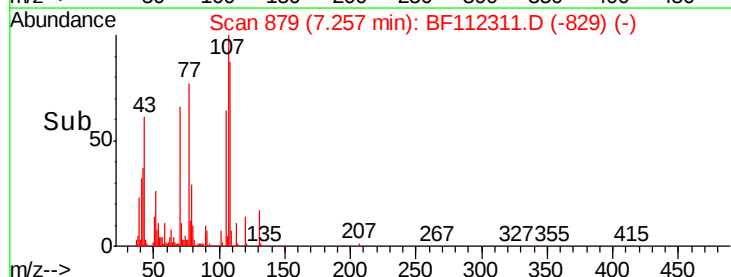
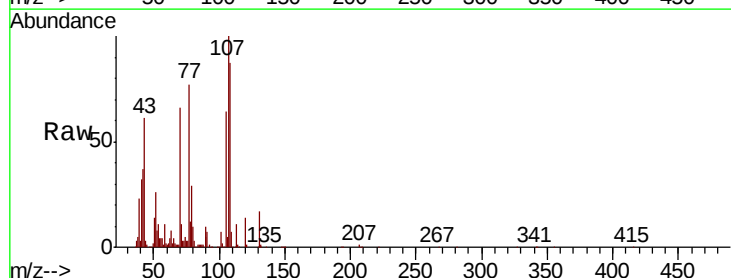
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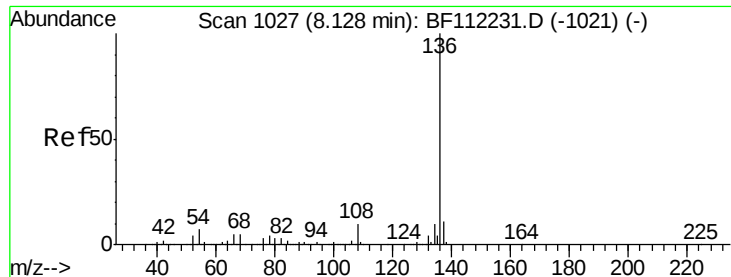
mohammad
2/1/2019 12:06:06 AM



#20
3+4-Methylphenols
Concen: 38.242 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	68.2	108.2	
77	76.8	100.7	140.7	
79	28.9	7.3	47.3	





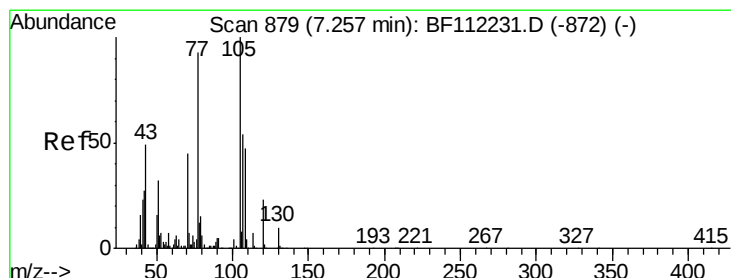
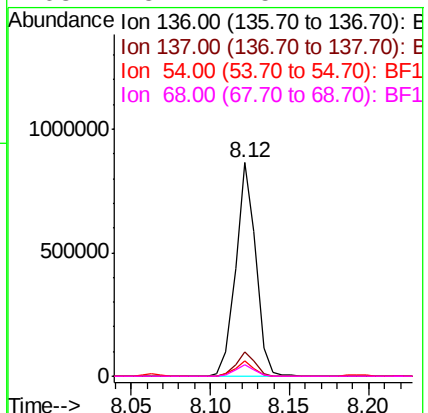
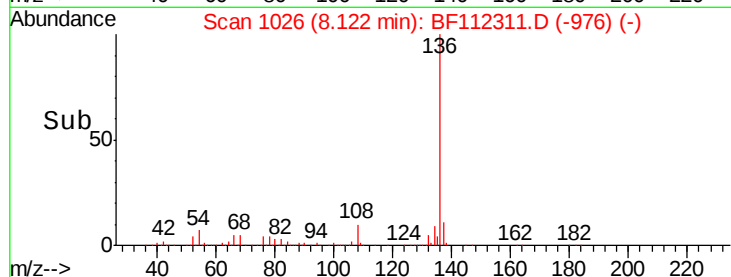
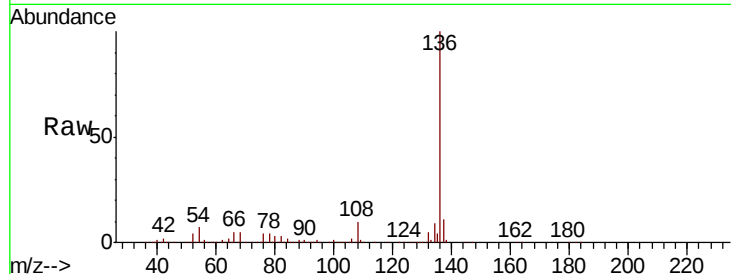
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	754404		
137	11.2		9.1	13.7
54	7.0		5.9	8.9
68	5.2		5.1	7.7

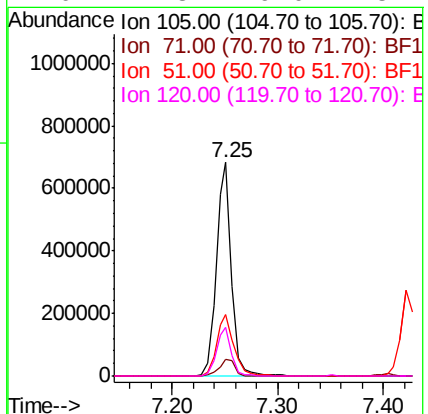
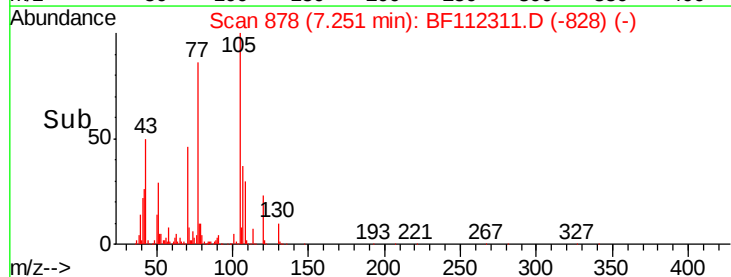
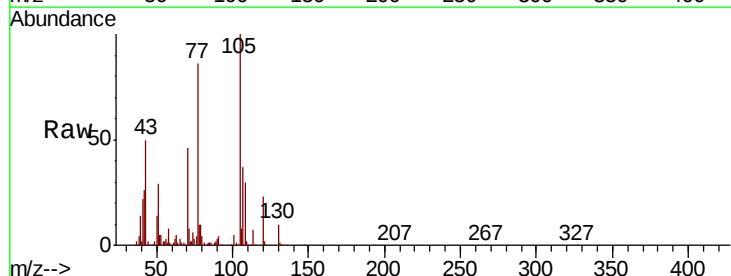
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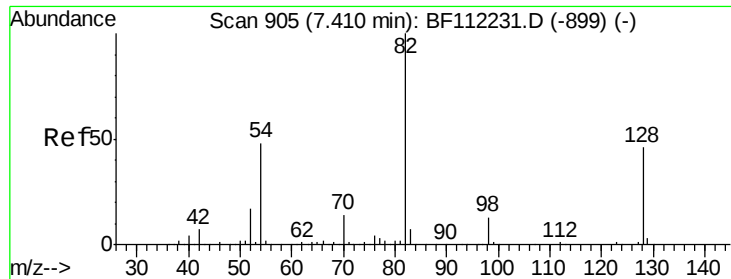
mohammad
2/1/2019 12:06:06 AM



#22
Acetophenone
Concen: 37.313 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	685430		
71	7.7		4.6	6.8#
51	28.5		25.0	37.6
120	22.8		19.0	28.4





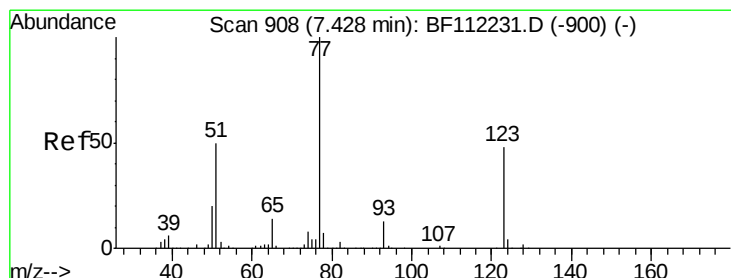
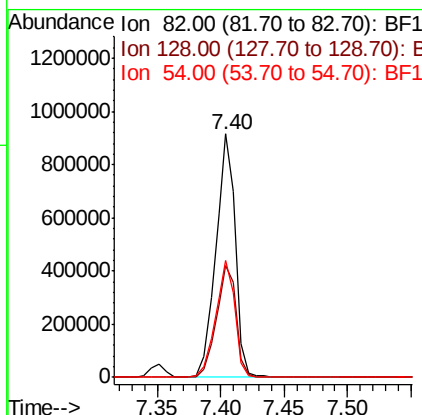
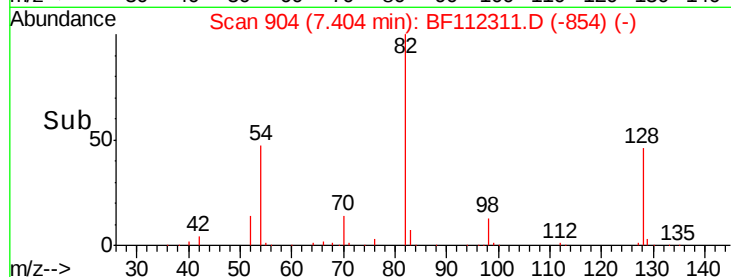
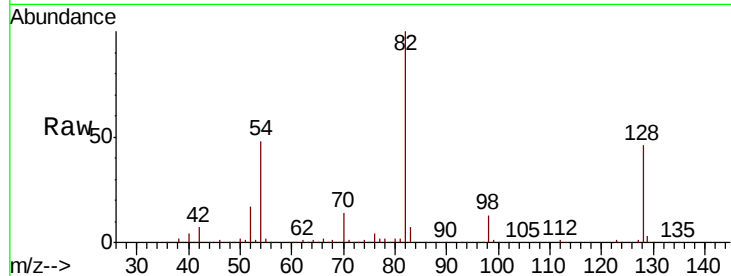
#23
Nitrobenzene-d5
Concen: 75.278 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.8	56.8
54	48.0	39.7	59.5

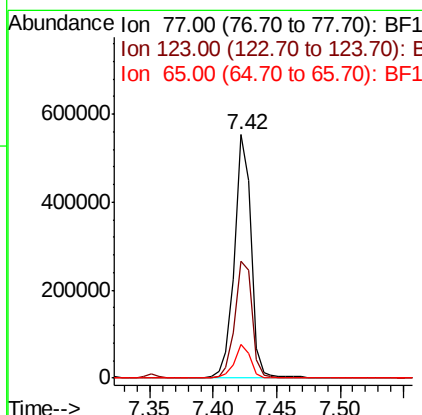
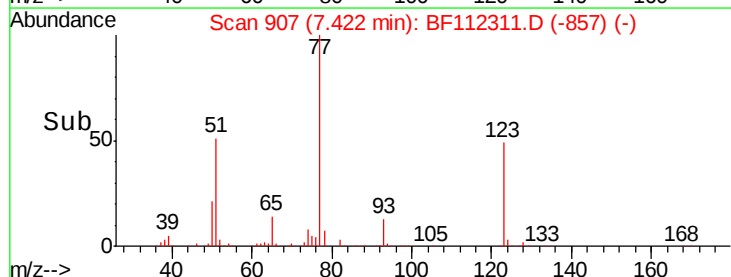
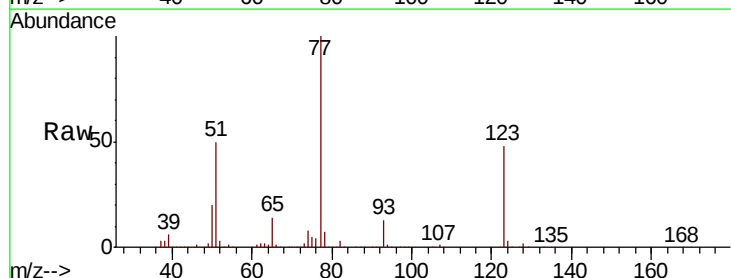
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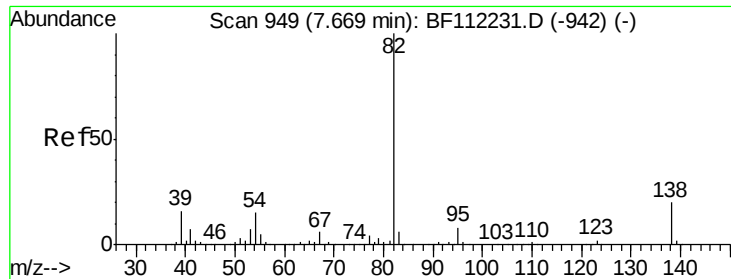
mohammad
2/1/2019 12:06:06 AM



#24
Nitrobenzene
Concen: 37.789 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.4	57.6
65	13.8	10.6	15.8





#25

Isophorone

Concen: 37.815 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Instrument :

BNA_F

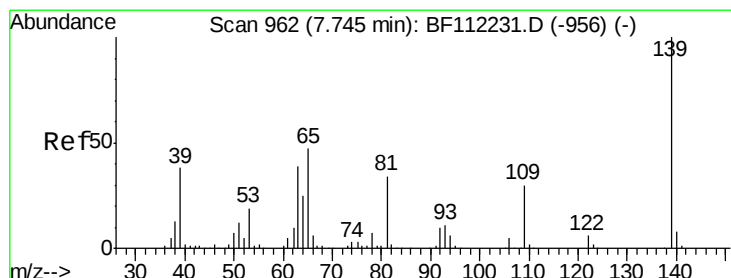
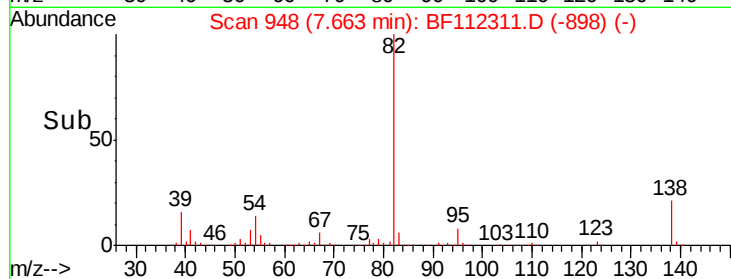
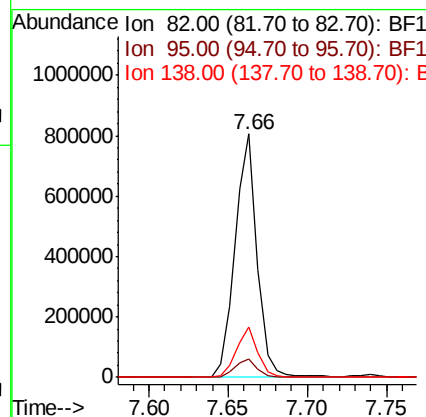
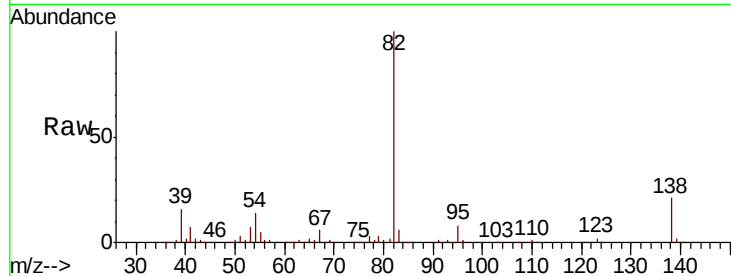
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	776720
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.7	8.5
138	20.5	15.4	23.0

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mohammad
2/1/2019 12:06:06 AM



#26

2-Nitrophenol

Concen: 38.495 ng

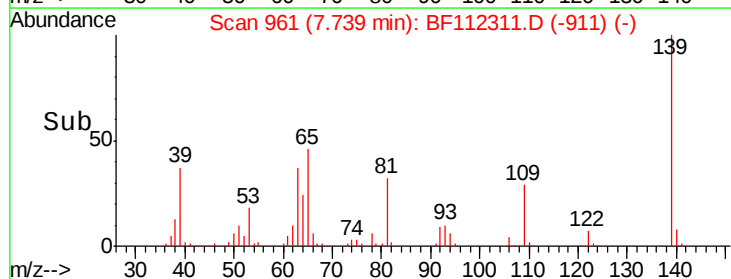
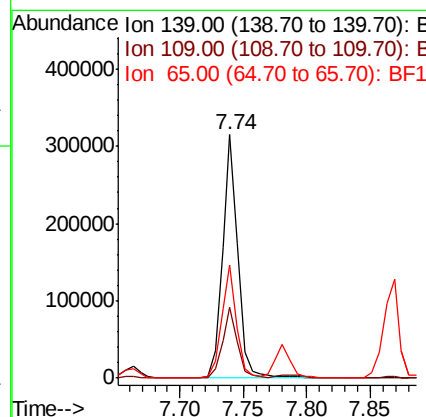
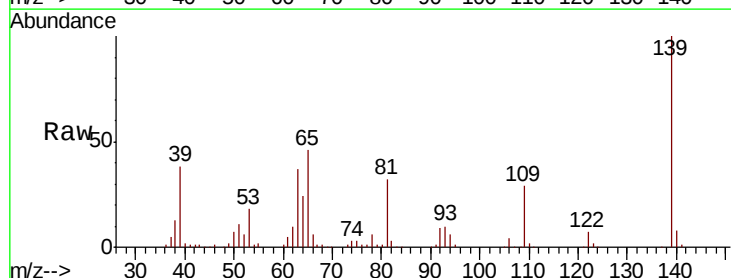
RT: 7.74 min Scan# 961

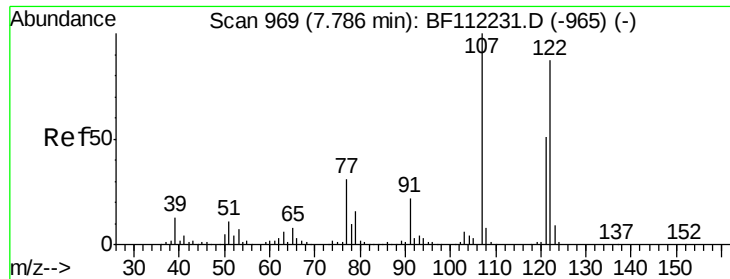
Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Tgt Ion:	139	Resp:	269000
Ion Ratio	Lower	Upper	
139	100		
109	29.0	20.8	31.2
65	46.2	34.4	51.6





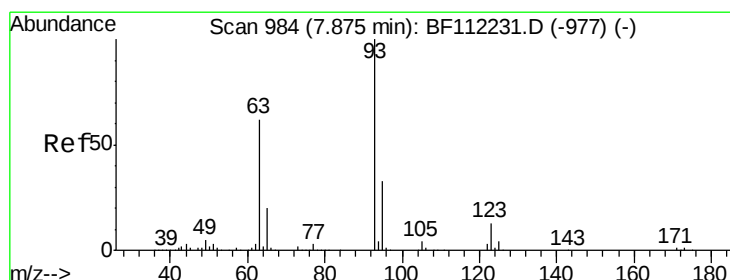
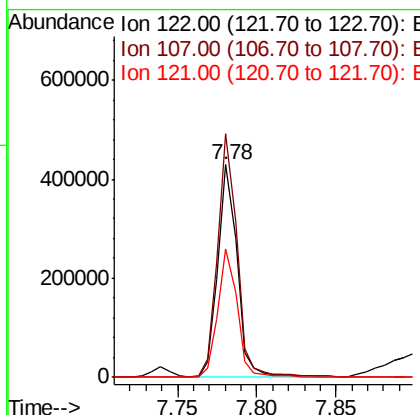
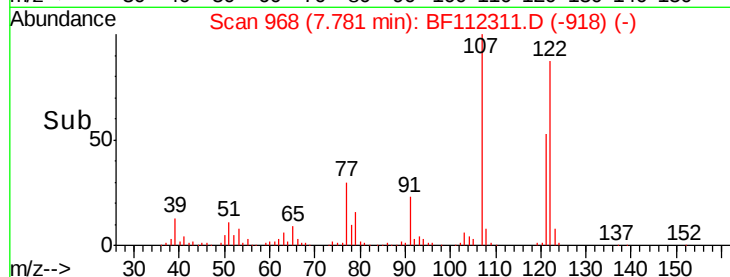
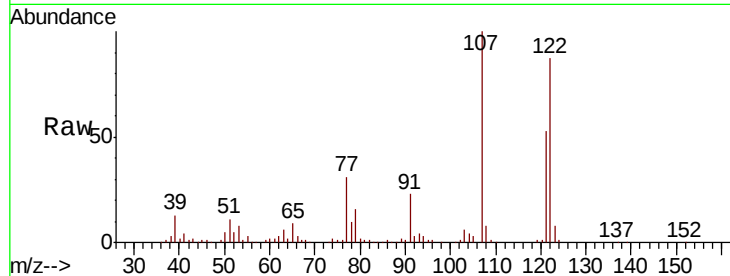
#27
2,4-Dimethylphenol
Concen: 37.929 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	85.4	128.0
121	60.7	47.0	70.4

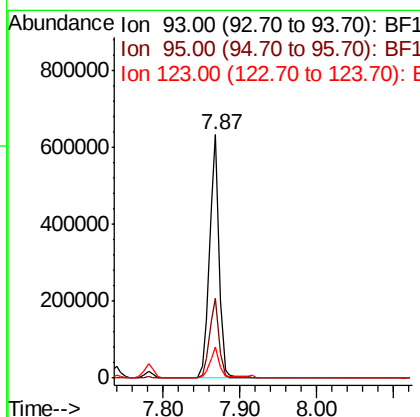
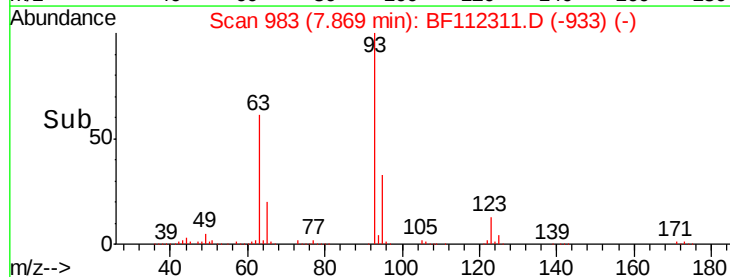
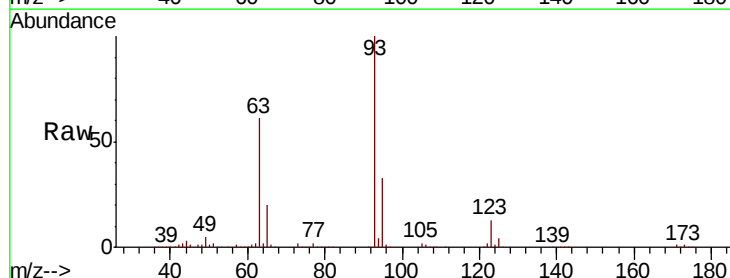
Manual Integrations
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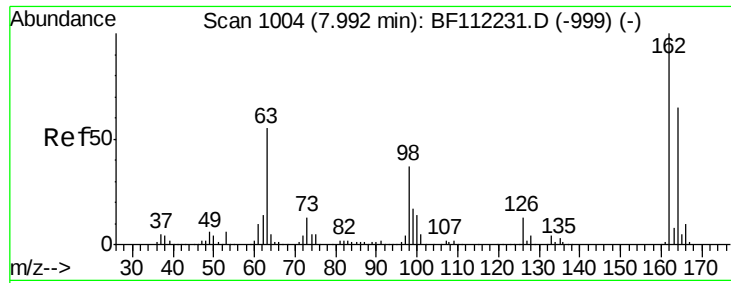
mohammad
2/1/2019 12:06:06 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.620 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	12.6	10.2	15.2





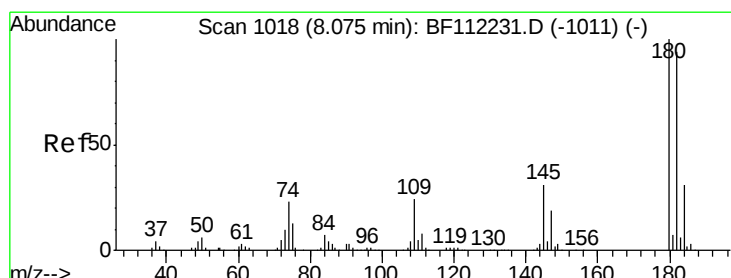
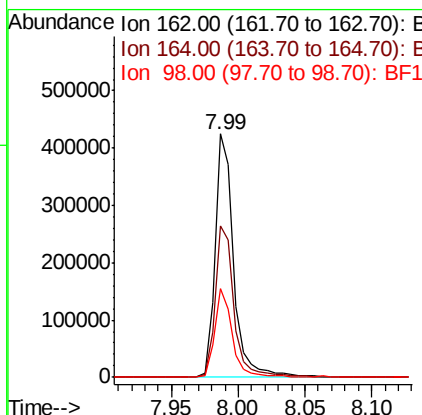
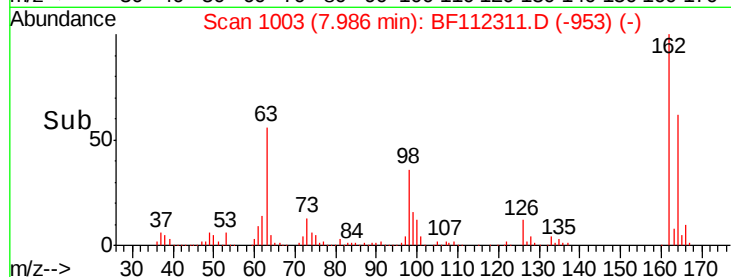
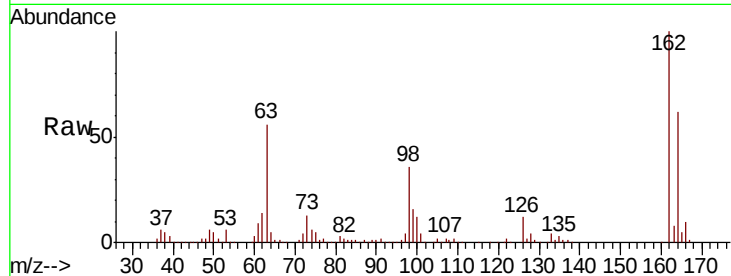
#29
2,4-Dichlorophenol
Concen: 38.827 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		418330		
164	62.4	44.6		84.6	
98	36.5	14.6		54.6	

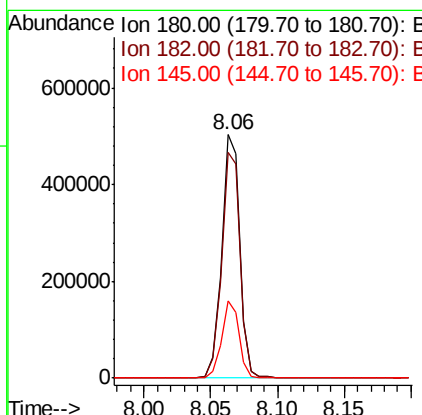
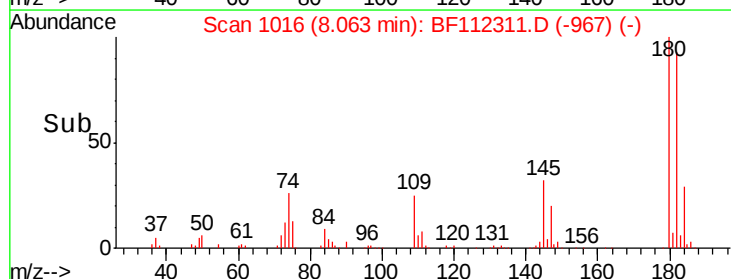
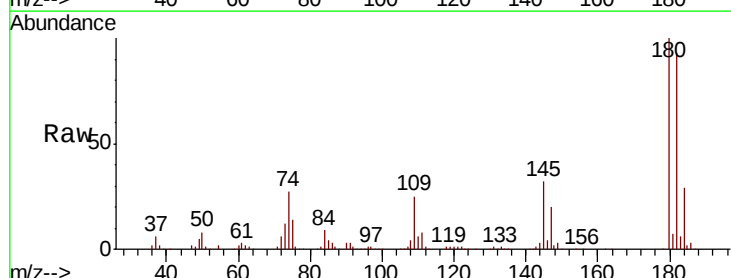
Manual Integrations
APPROVED

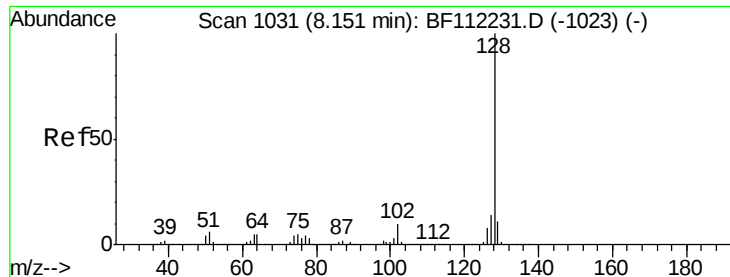
mohammad
2/1/2019 12:06:06 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.054 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		483666		
182	92.8	76.4		114.6	
145	31.8	25.0		37.4	





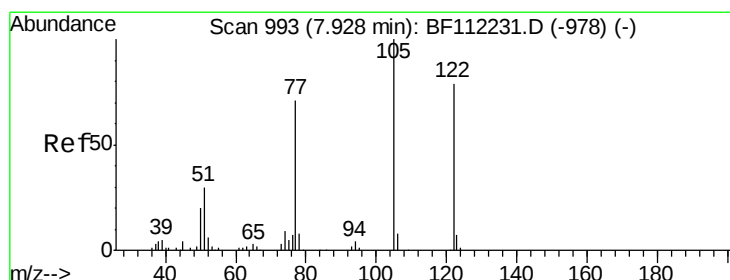
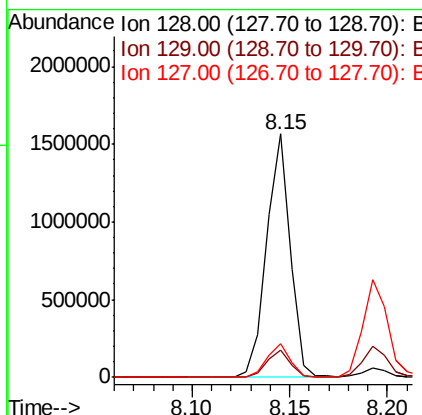
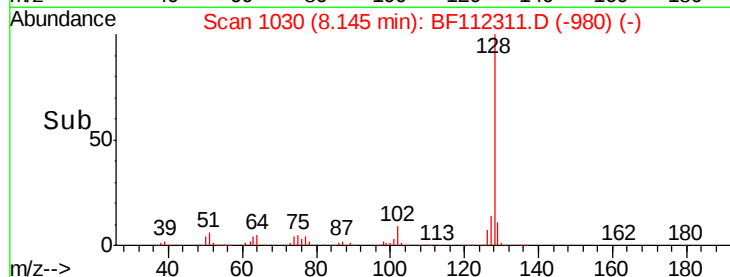
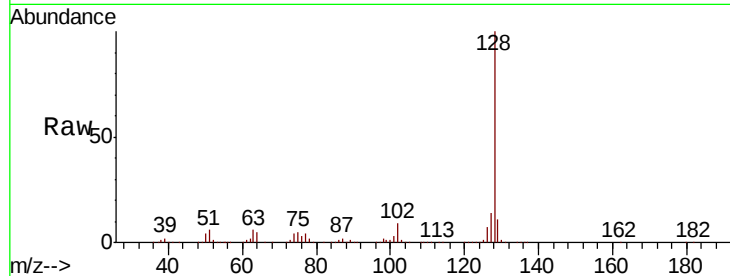
#31
Naphthalene
Concen: 37.316 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	14.0	11.1	16.7

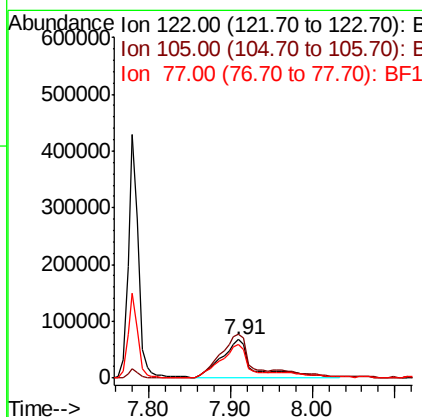
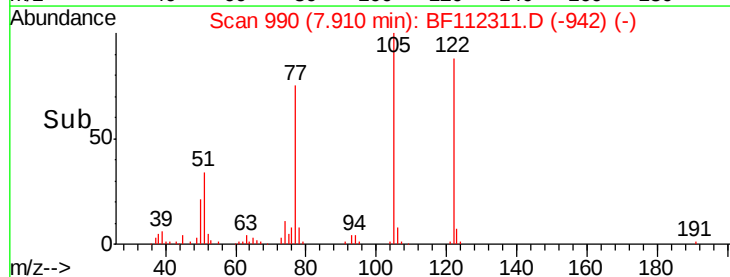
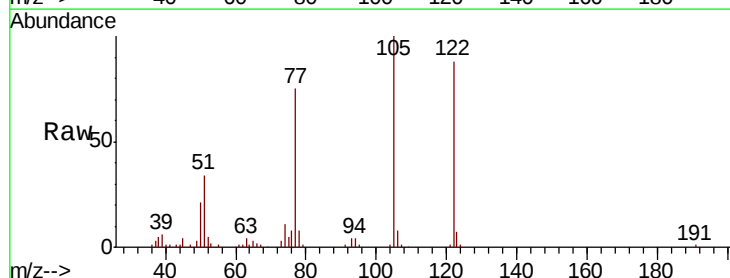
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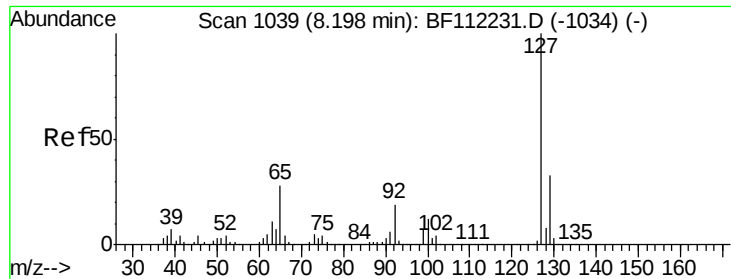
mohammad
2/1/2019 12:06:06 AM



#32
Benzoic acid
Concen: 35.071 ng m
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.9	101.2	141.2
77	85.4	70.4	110.4





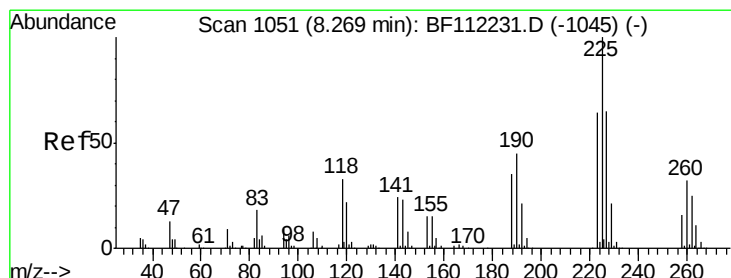
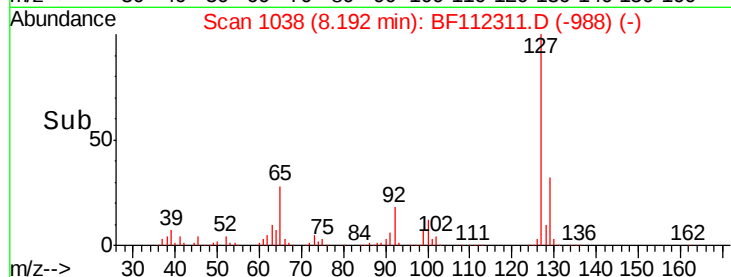
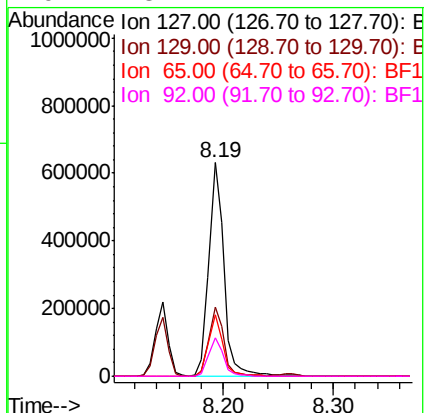
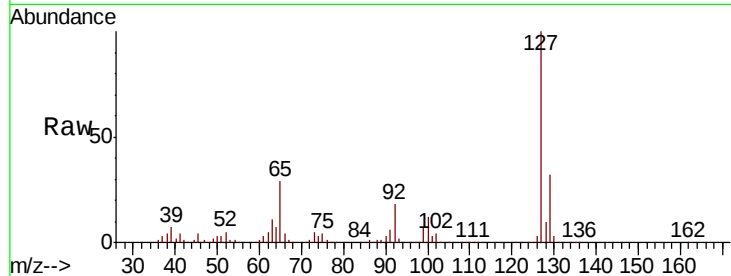
#33
4-Chloroaniline
Concen: 37.827 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	581075		
129	32.1	26.6	39.8	
65	28.7	21.4	32.2	
92	18.2	14.2	21.2	

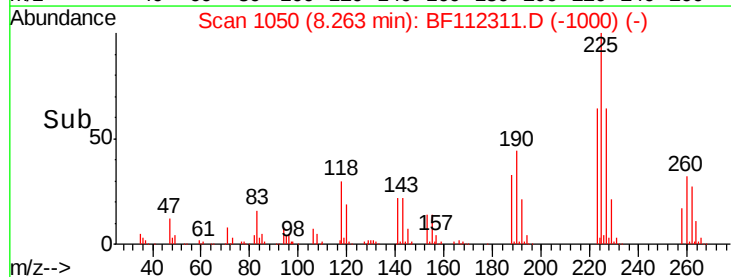
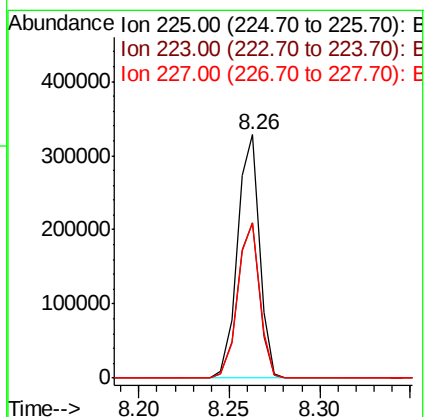
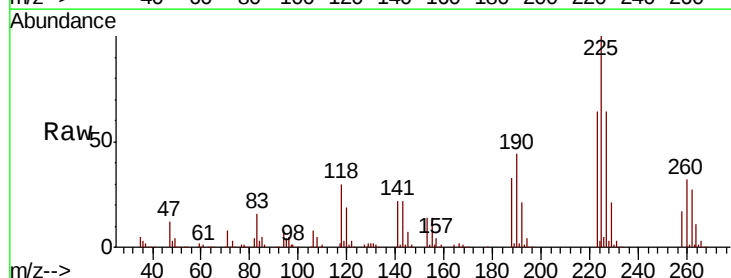
Manual Integrations
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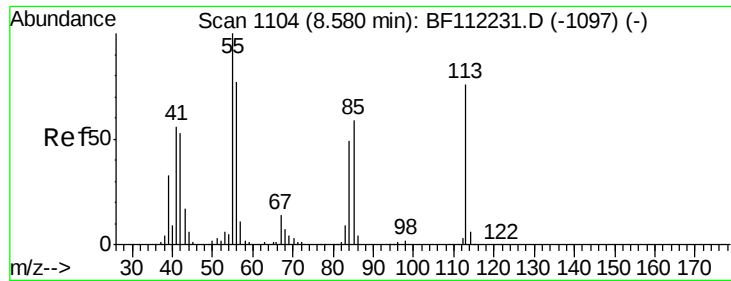
mohammad
2/1/2019 12:06:06 AM



#34
Hexachlorobutadiene
Concen: 38.287 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	278251		
223	63.8	50.3	75.5	
227	63.7	51.8	77.8	





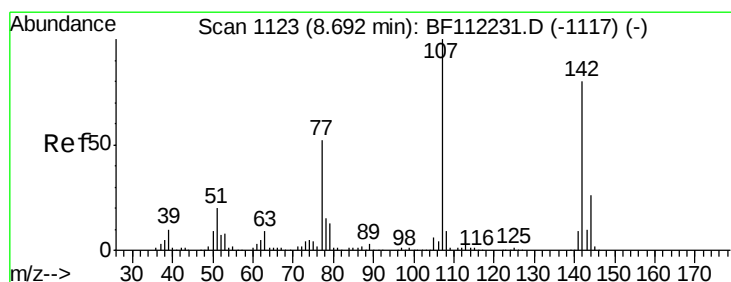
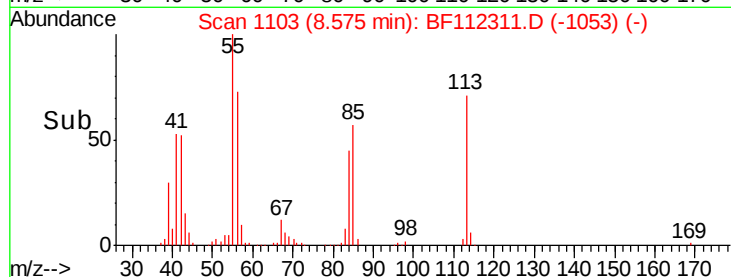
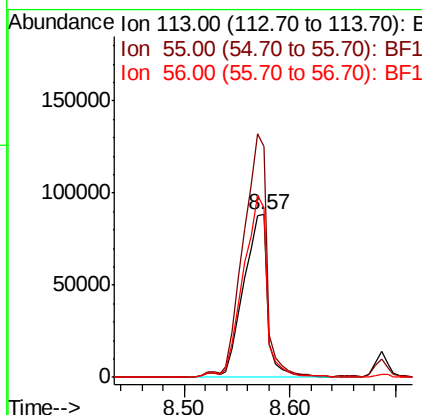
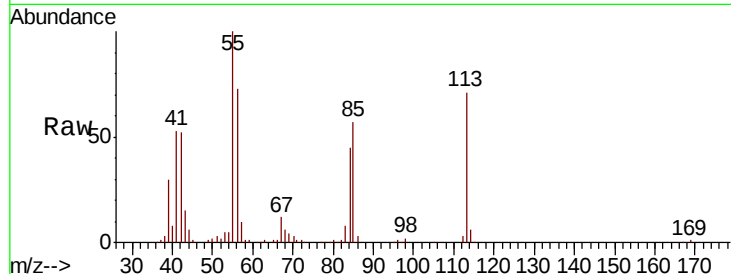
#35
Caprolactam
Concen: 37.091 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.6	121.6	161.6
56	104.0	86.7	126.7

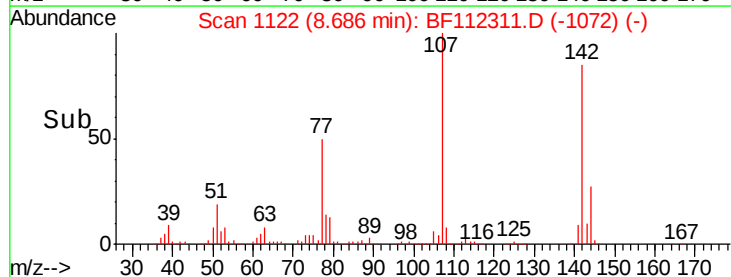
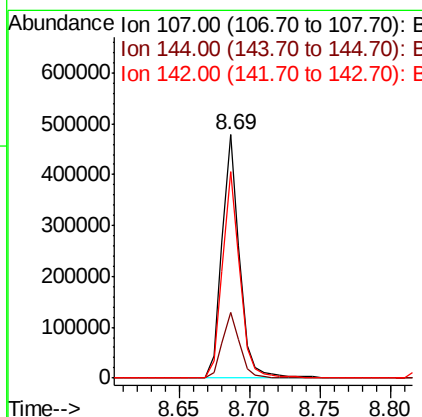
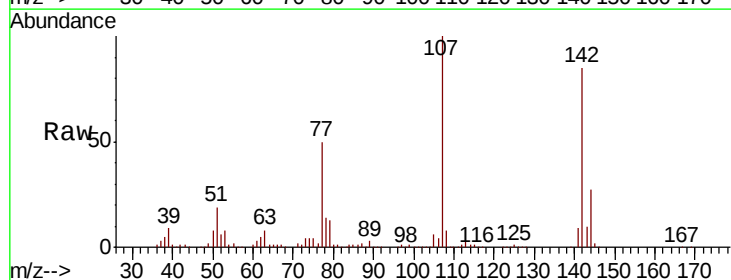
Manual Integrations
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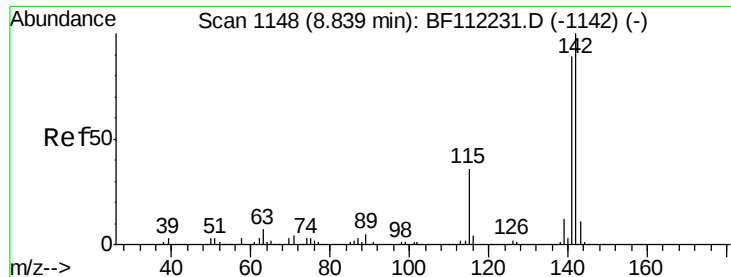
mohammad
2/1/2019 12:06:06 AM



#36
4-Chloro-3-methylphenol
Concen: 36.346 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	22.2	33.2
142	84.6	67.7	101.5





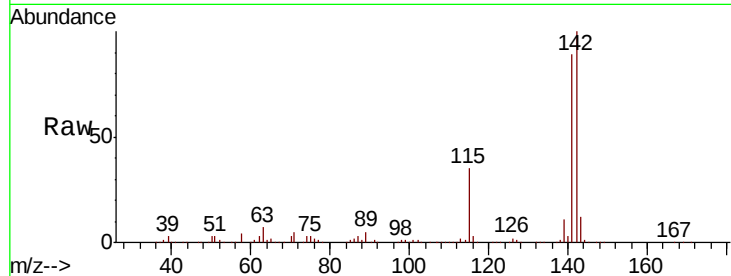
#37
2-Methylnaphthalene
Concen: 37.046 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	894702		
141	89.3		70.9	106.3
115	35.1		24.9	37.3

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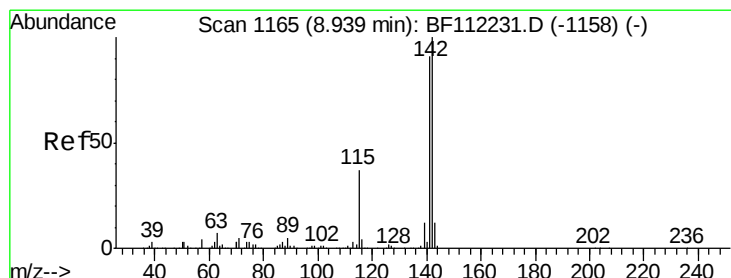
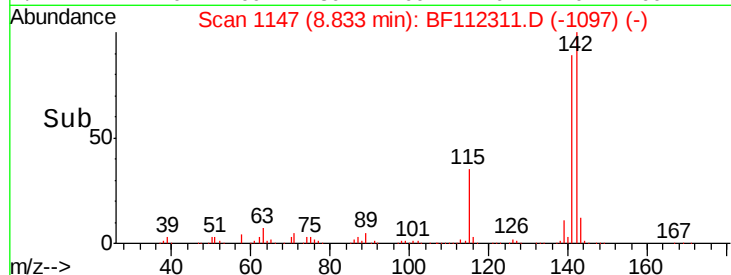
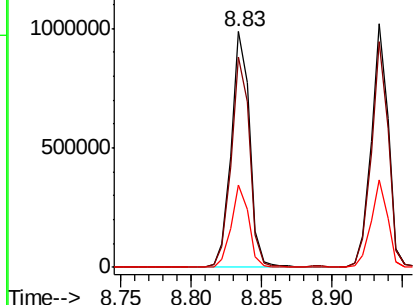


Abundance

Ion 142.00 (141.70 to 142.70): E

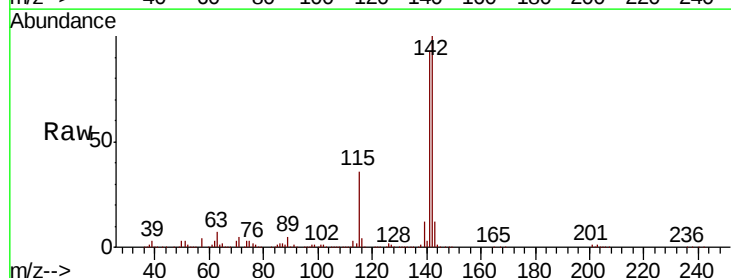
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.757 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	850872		
141	92.5		72.6	108.8
116	3.7		2.8	4.2

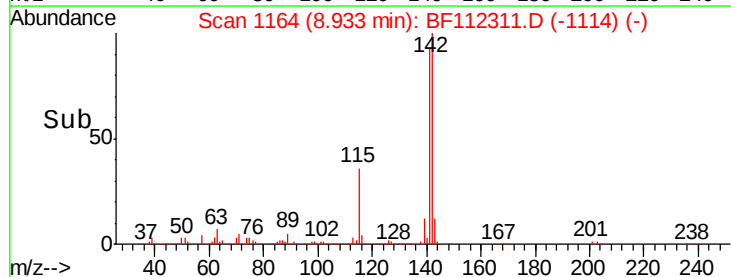
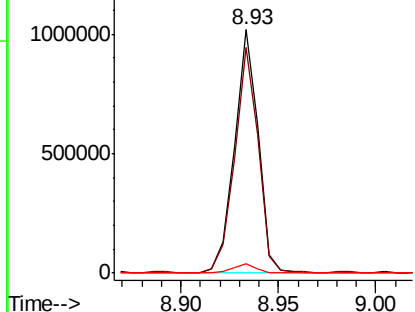


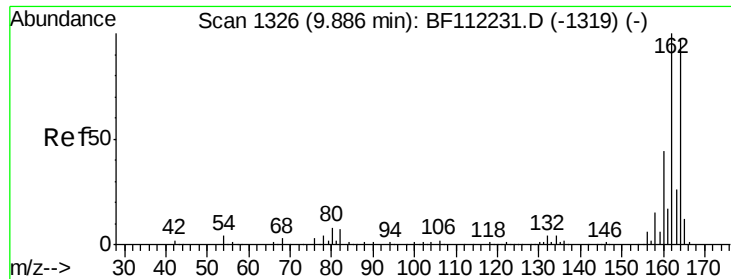
Abundance

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





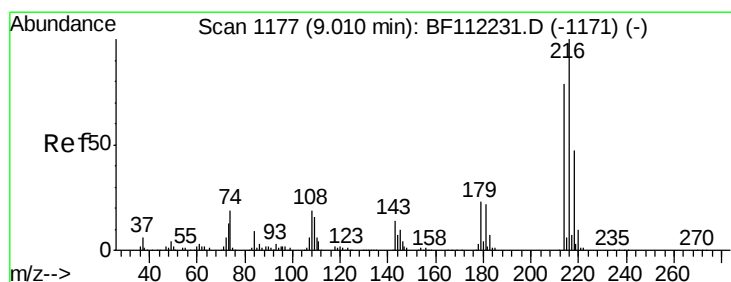
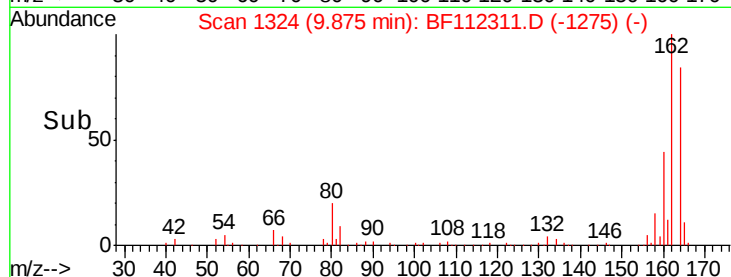
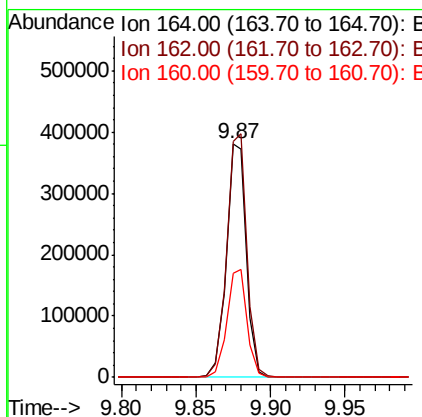
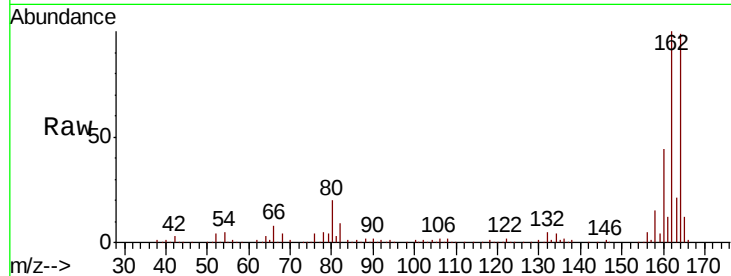
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	82.2	123.4	
160	44.7	36.2	54.4	

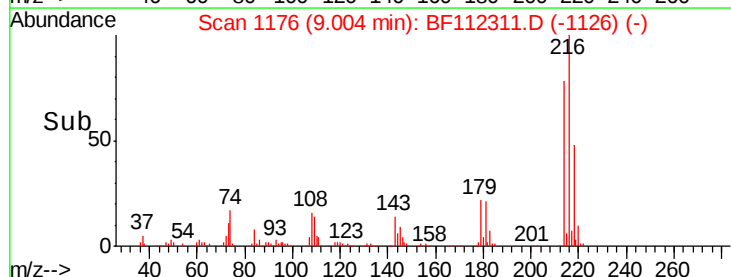
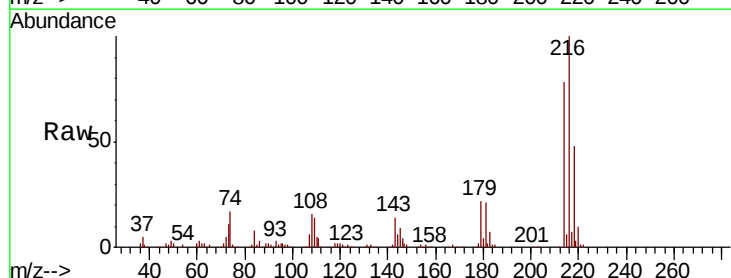
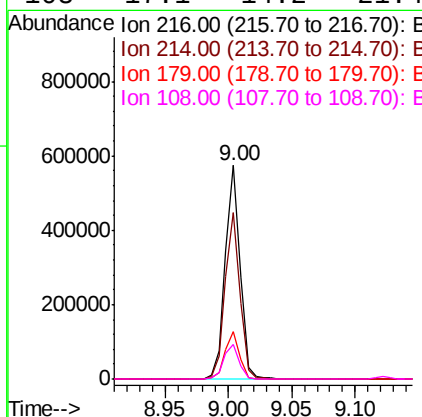
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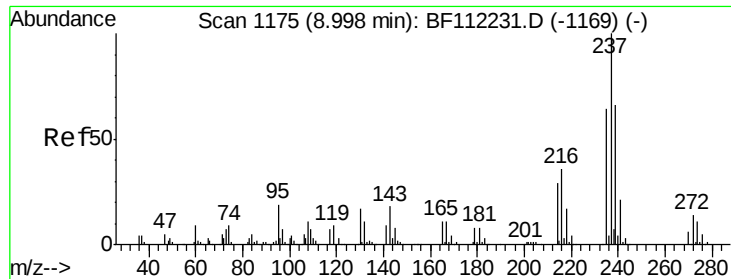
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.304 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	63.8	95.6	
179	21.6	16.9	25.3	
108	17.1	14.2	21.4	





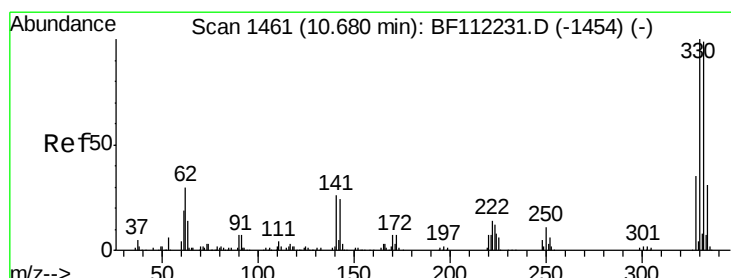
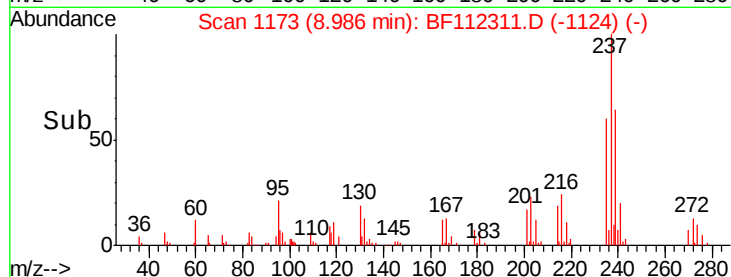
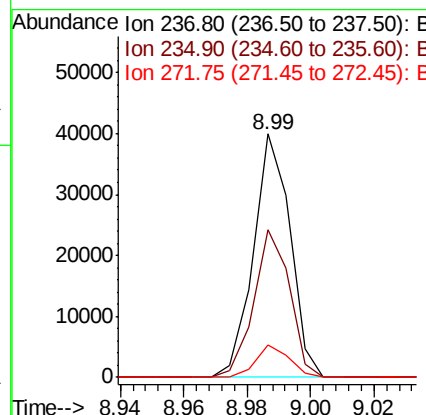
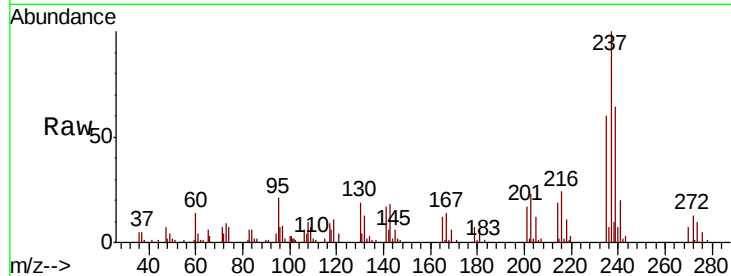
#41
Hexachlorocyclopentadiene
Concen: 15.776 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.4	44.0	84.0
272	13.2	0.0	33.3

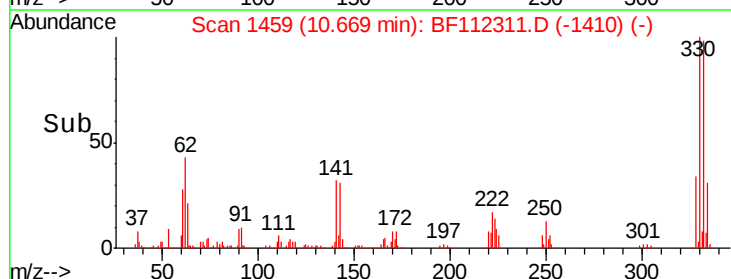
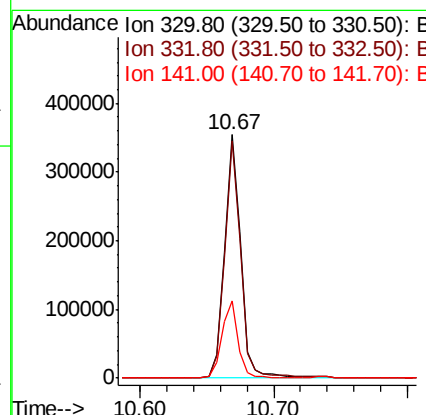
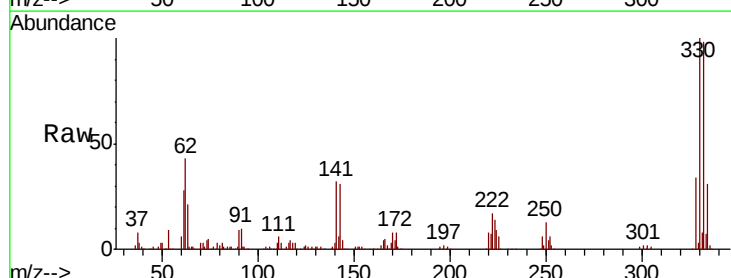
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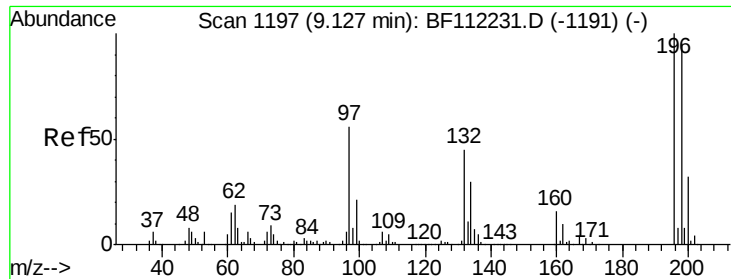
mohammad
2/1/2019 12:06:06 AM



#42
2,4,6-Tribromophenol
Concen: 72.762 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	76.6	114.8
141	32.1	24.3	36.5





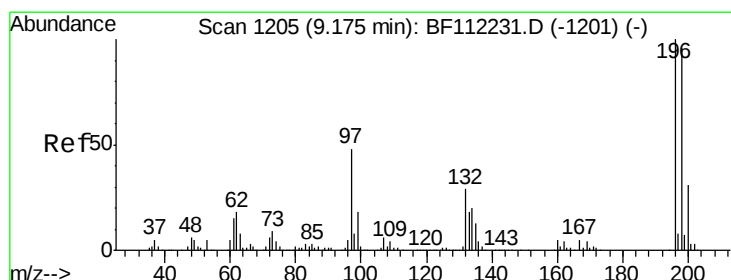
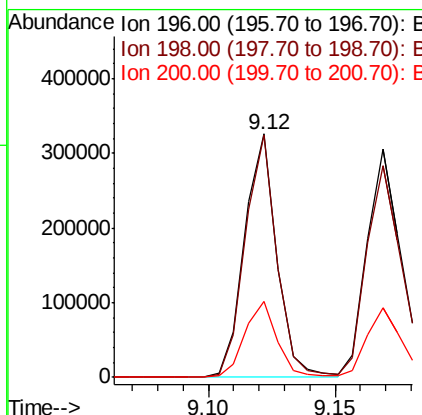
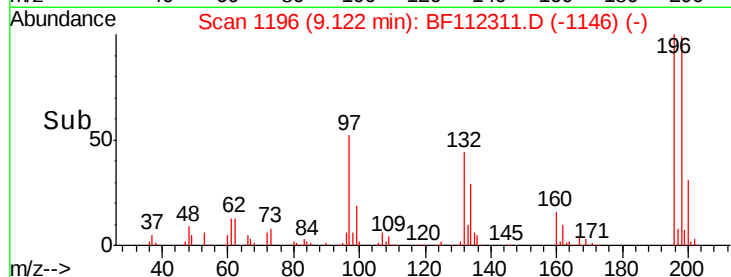
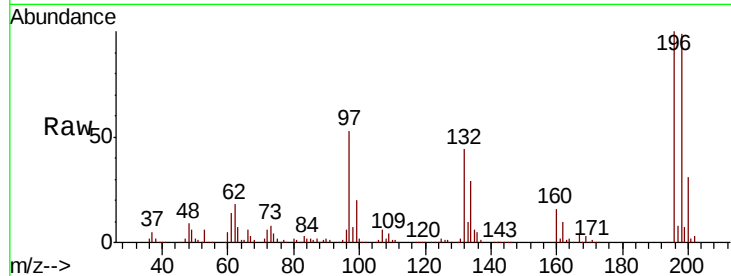
#43
 2,4,6-Trichlorophenol
 Concen: 39.587 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	289951		
198	99.3	76.2	114.4	
200	31.2	24.3	36.5	

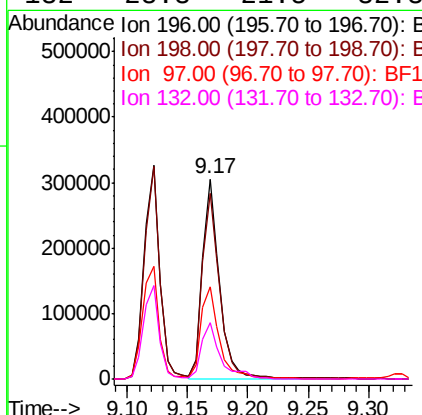
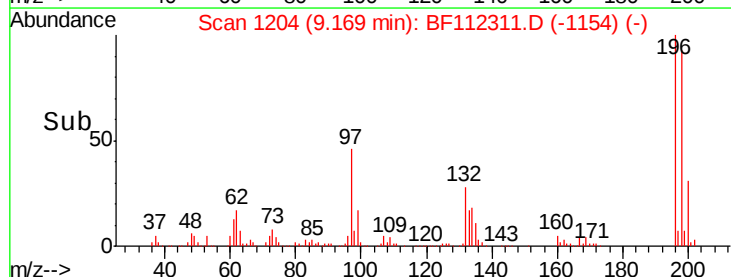
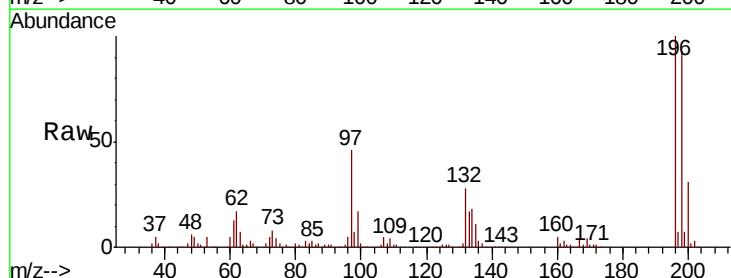
Manual Integrations
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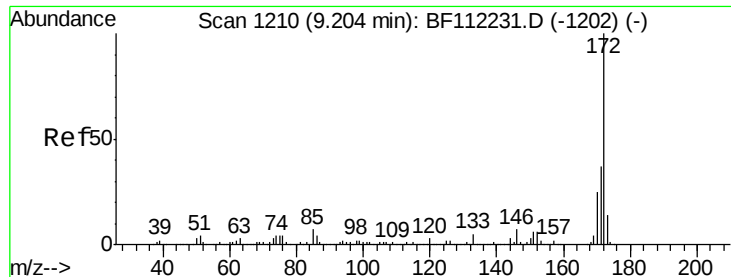
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.314 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300951		
198	93.0	76.0	114.0	
97	46.0	36.4	54.6	
132	28.3	21.5	32.3	





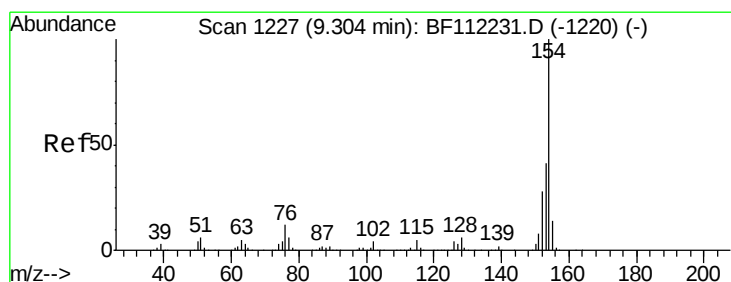
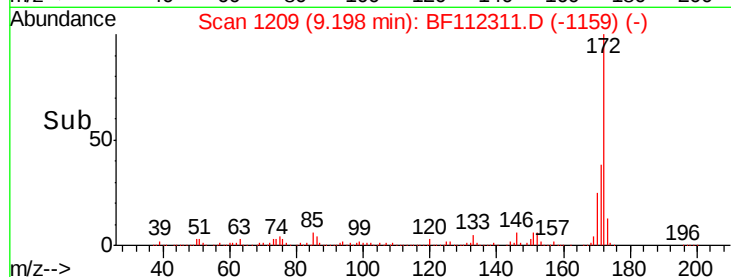
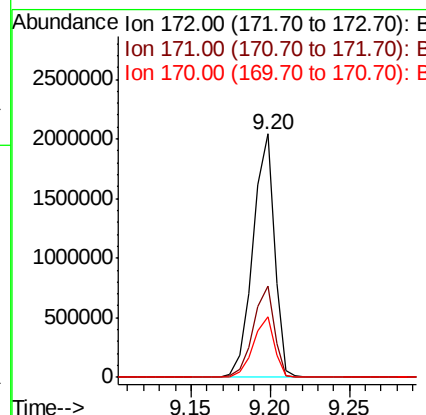
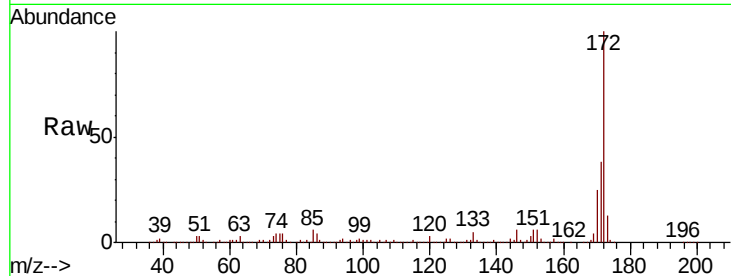
#45
2-Fluorobiphenyl
Concen: 75.260 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	24.8	20.2	30.4

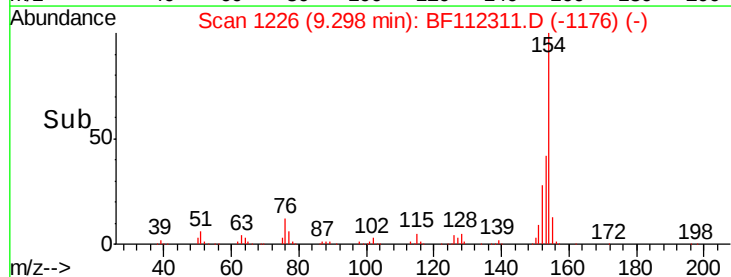
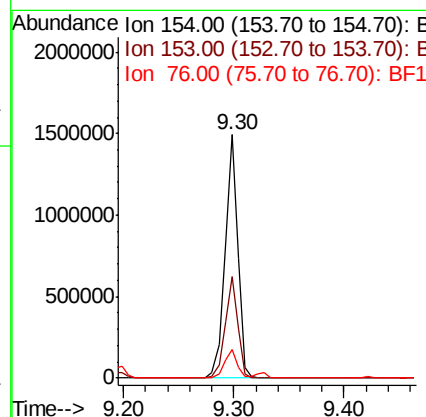
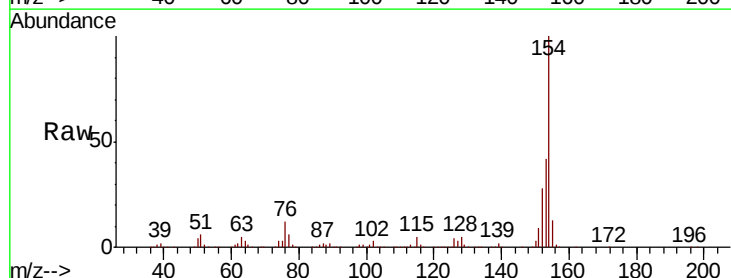
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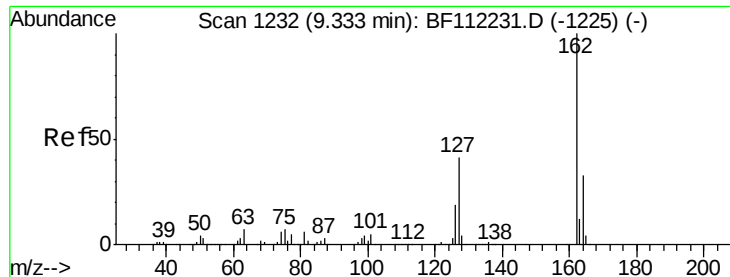
mohammad
2/1/2019 12:06:06 AM



#46
1,1'-Biphenyl
Concen: 38.053 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.5	61.5
76	11.6	0.0	33.1





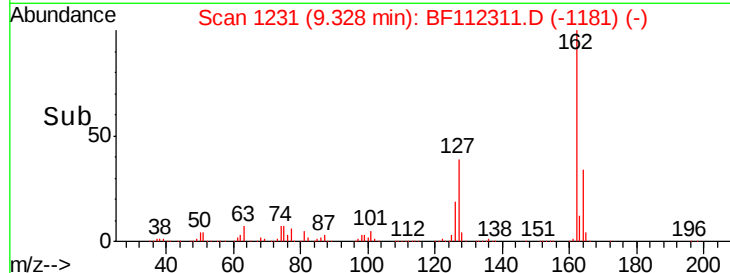
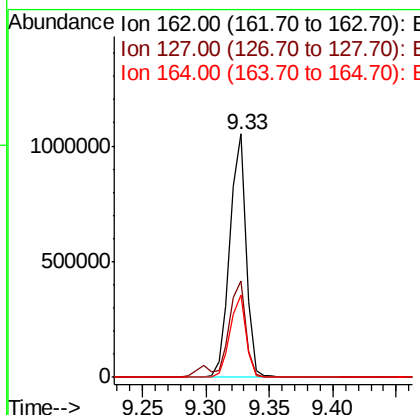
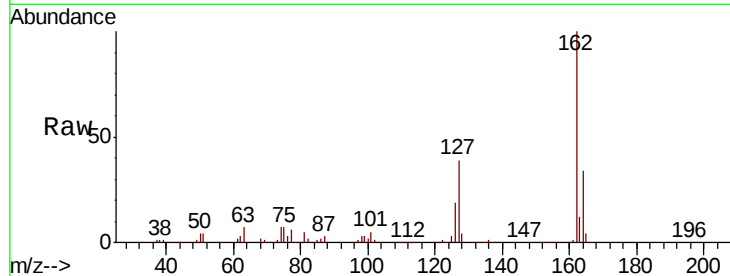
#47
 2-Chloronaphthalene
 Concen: 38.128 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.4	30.4	45.6		
164	33.7	27.4	41.2		

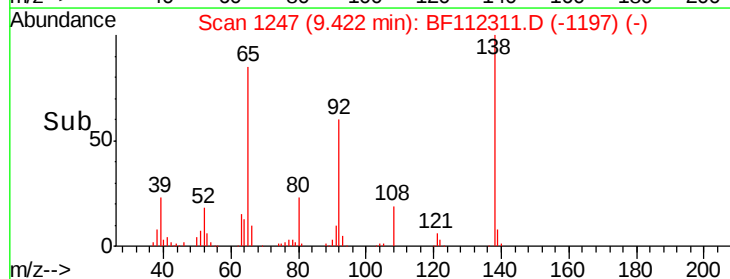
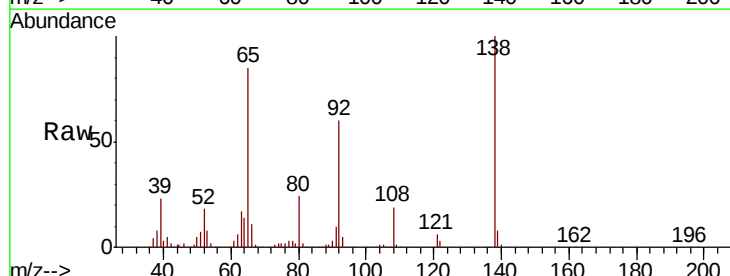
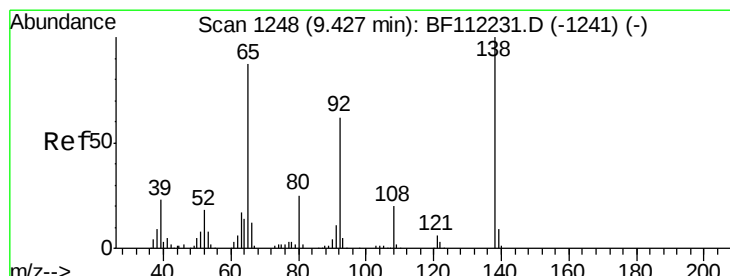
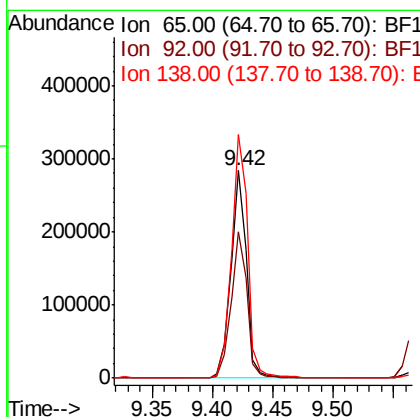
Manual Integrations
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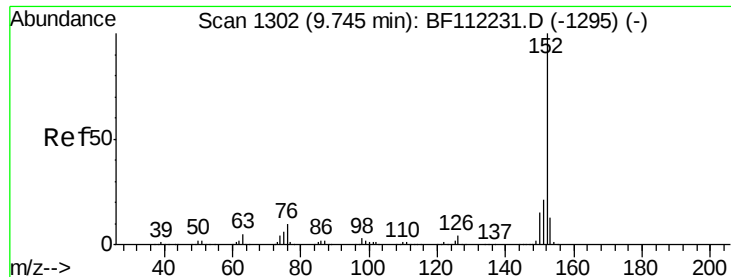
mohammad
 2/1/2019 12:06:06 AM



#48
 2-Nitroaniline
 Concen: 38.217 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.4	60.4	90.6		
138	117.5	104.4	156.6		





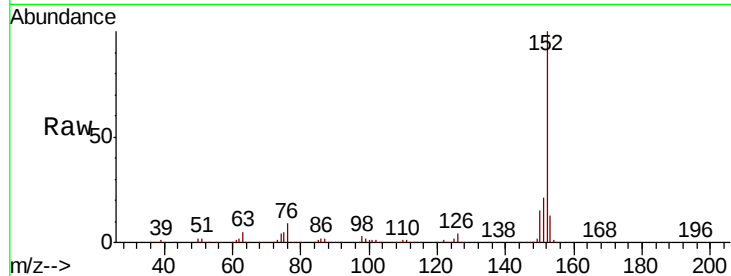
#49
Acenaphthylene
Concen: 37.543 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

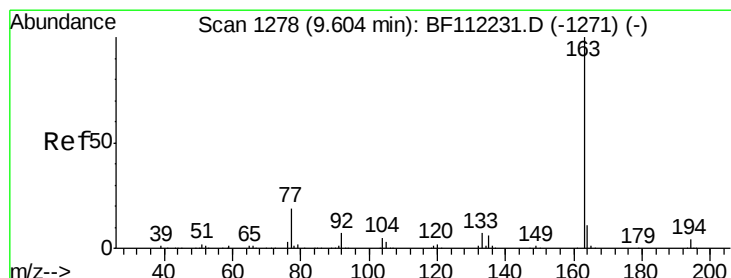
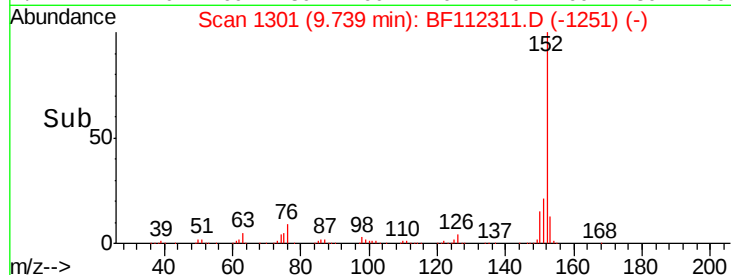
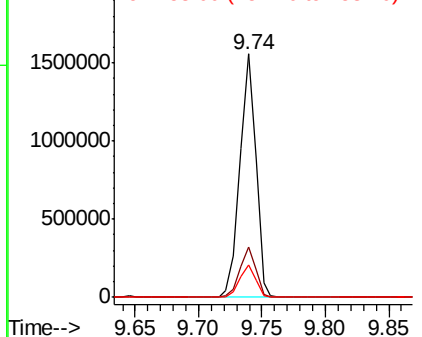
Tot Ion:152 Resp: 1350068
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6
153 13.4 11.2 16.8

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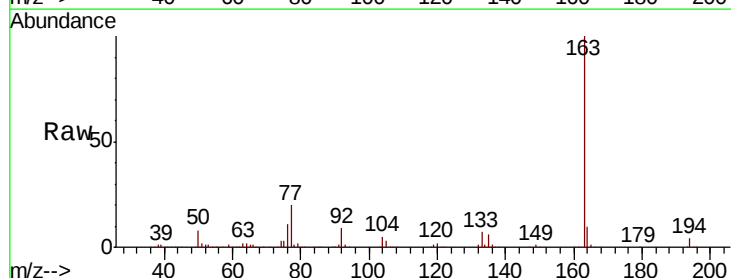


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

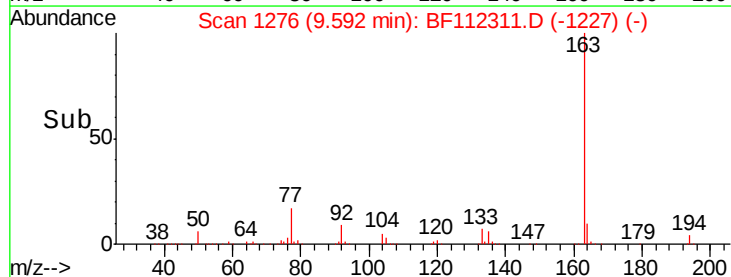
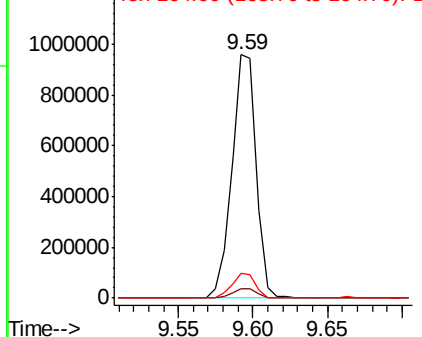


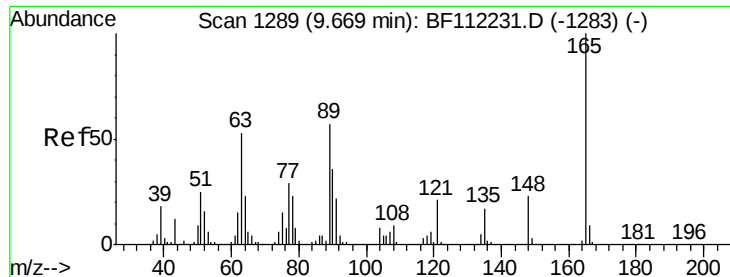
#50
Dimethylphthalate
Concen: 38.840 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion:163 Resp: 1092085
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 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: 38.222 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 240695
Ion Ratio Lower Upper

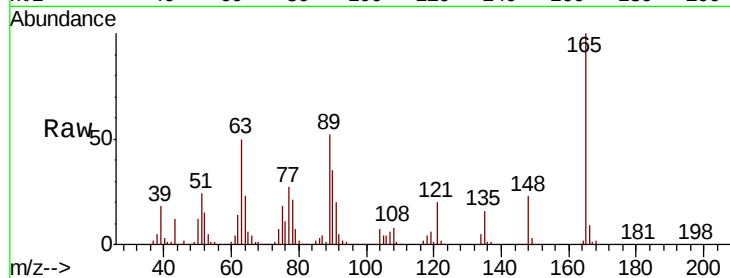
165 100

63 50.1 33.8 50.8

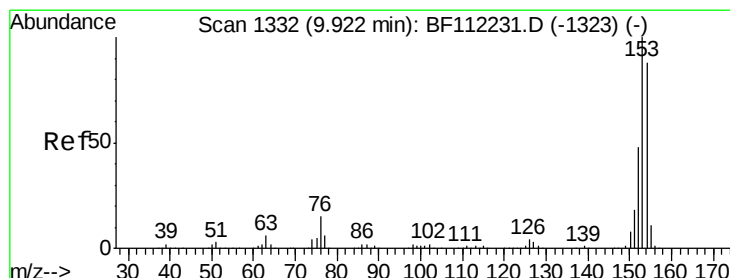
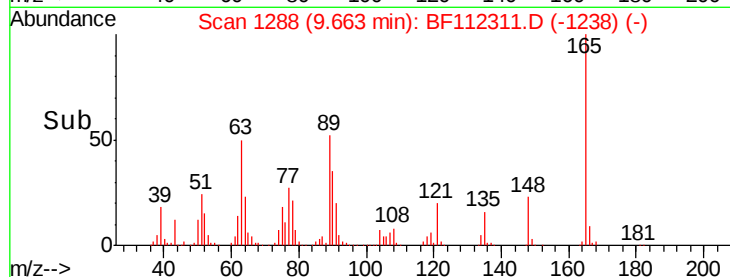
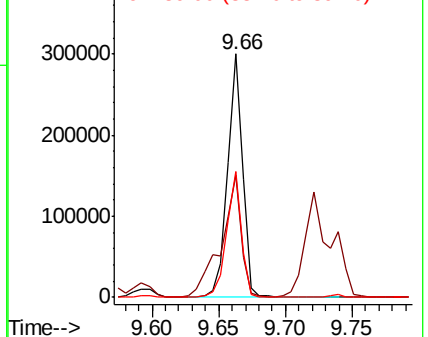
89 51.6 36.9 55.3

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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: 37.725 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112311.D

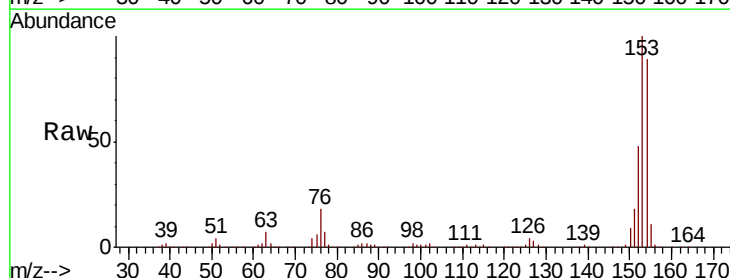
Acq: 30 Jan 2019 9:18

Tgt Ion:154 Resp: 810395
Ion Ratio Lower Upper

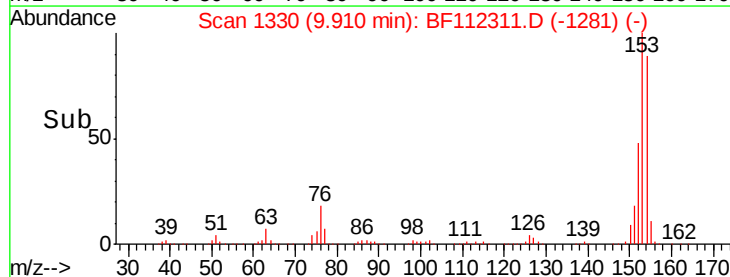
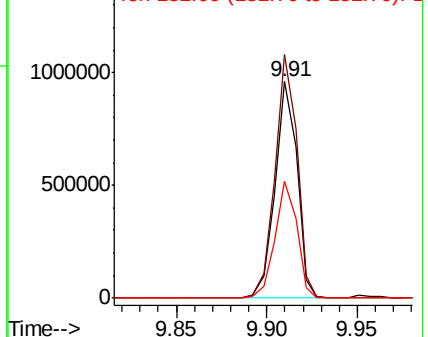
154 100

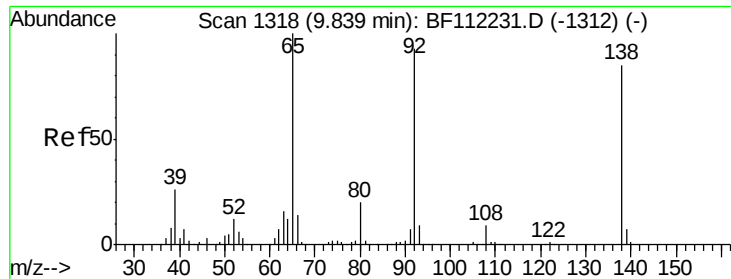
153 112.4 89.8 134.6

152 54.1 43.5 65.3



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





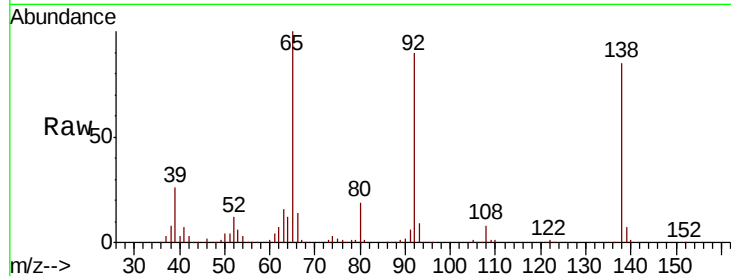
#53
3-Nitroaniline
Concen: 37.176 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	9.8	14.6#
92	106.6	79.4	119.2

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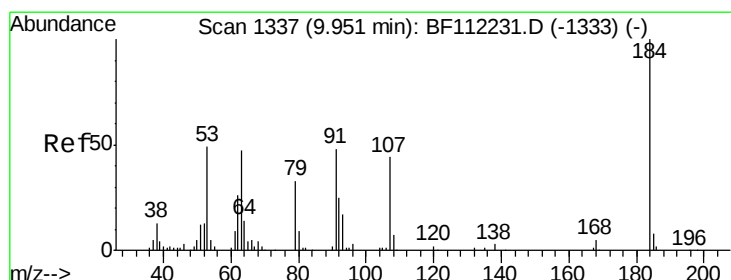
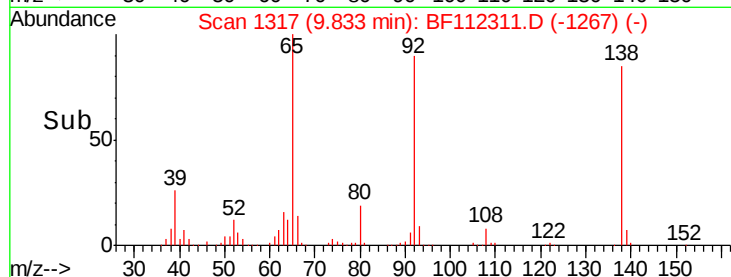
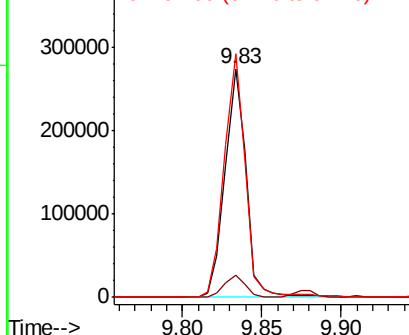


Abundance

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: 11.308 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

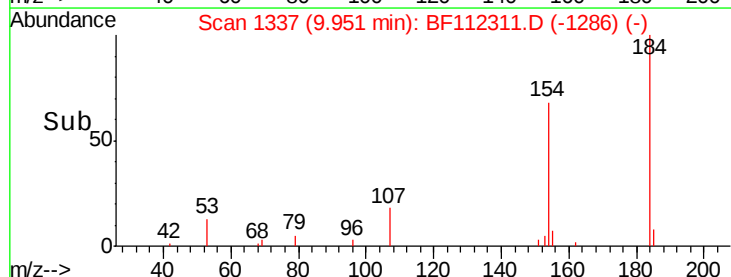
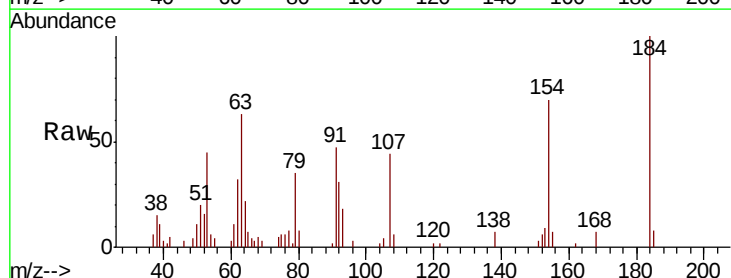
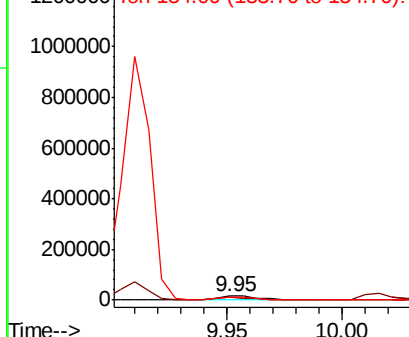
Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	47.1	70.7
154	69.9	48.9	73.3

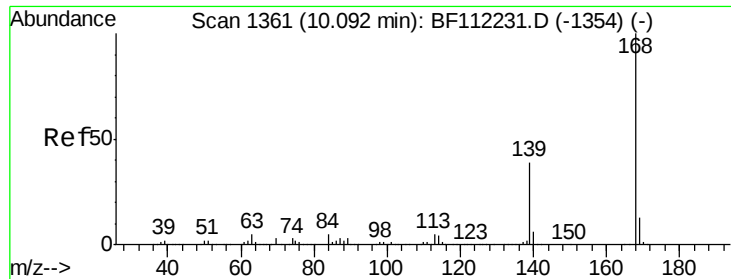
Abundance

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





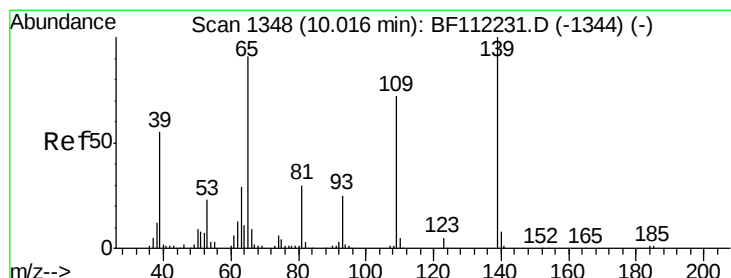
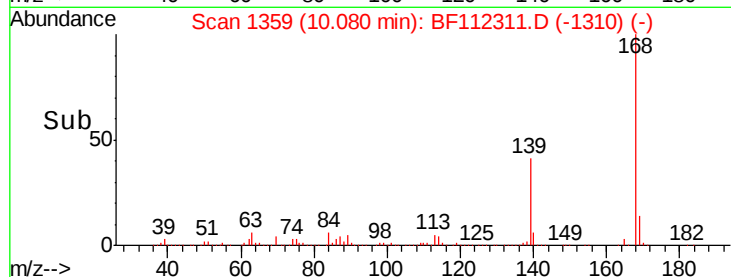
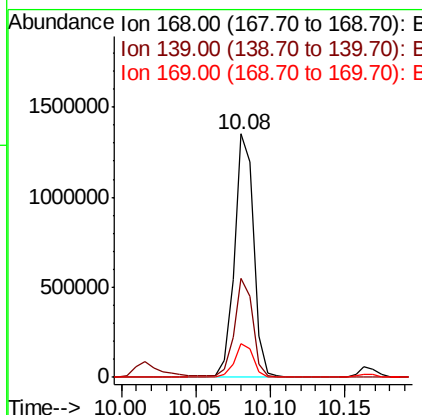
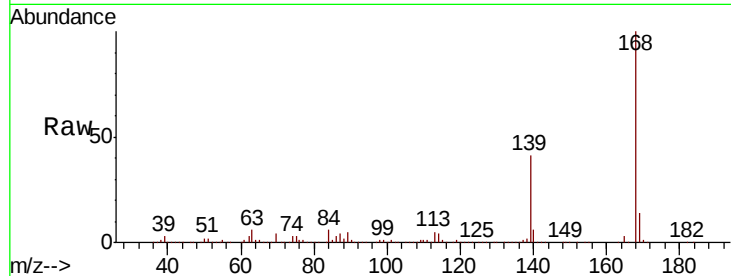
#55
Dibenzofuran
Concen: 37.336 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	29.2	43.8
169	13.6	11.4	17.0

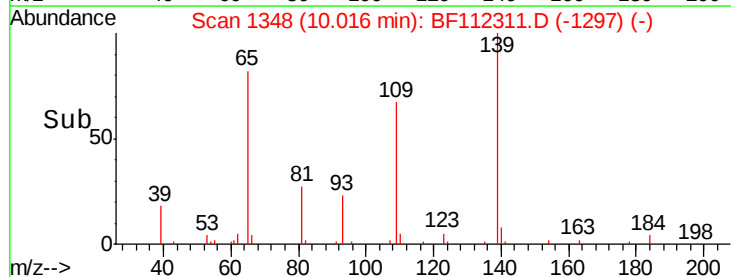
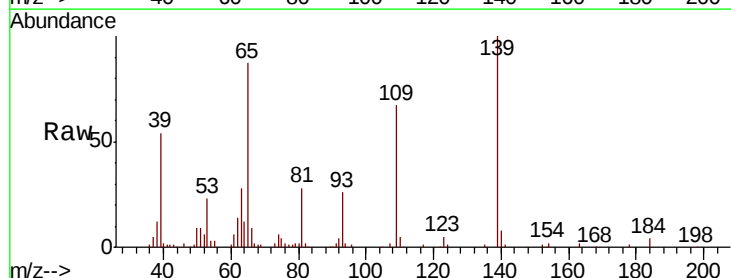
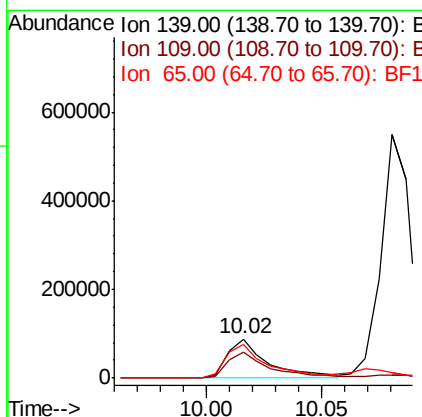
Manual Integrations
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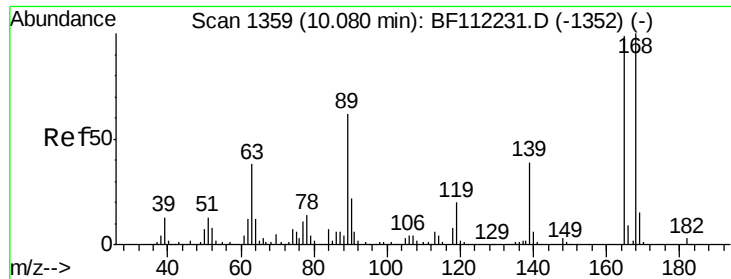
mohammad
2/1/2019 12:06:06 AM



#56
4-Nitrophenol
Concen: 30.078 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	42.8	82.8
65	87.0	66.1	106.1





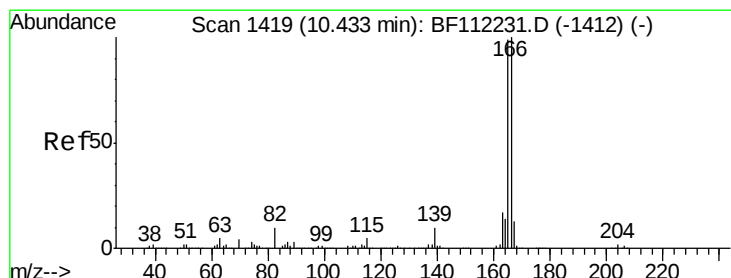
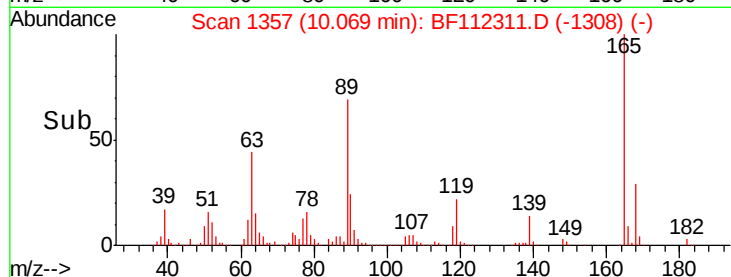
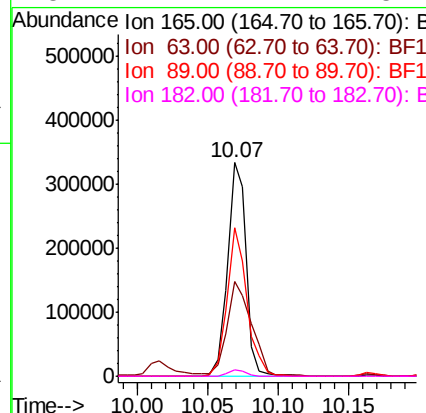
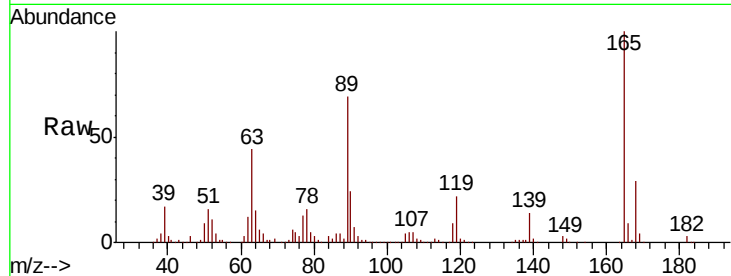
#57
2,4-Dinitrotoluene
Concen: 37.797 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	44.1	27.9	41.9#
89	69.4	47.9	71.9
182	2.7	2.2	3.4

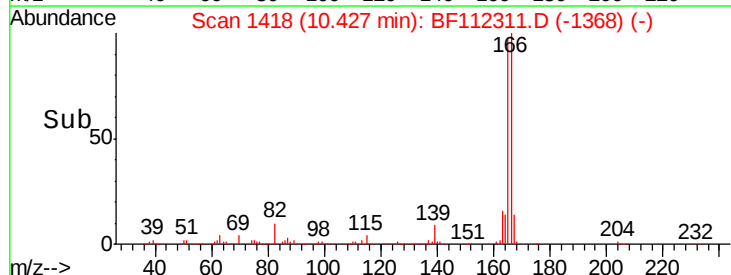
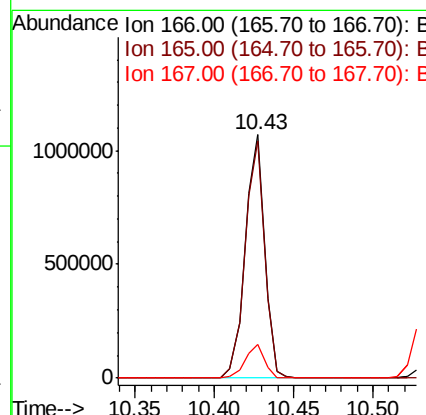
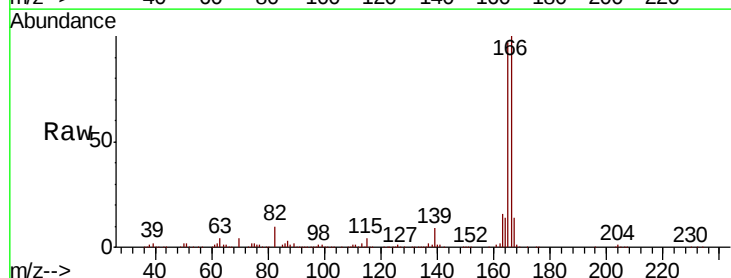
Manual Integrations
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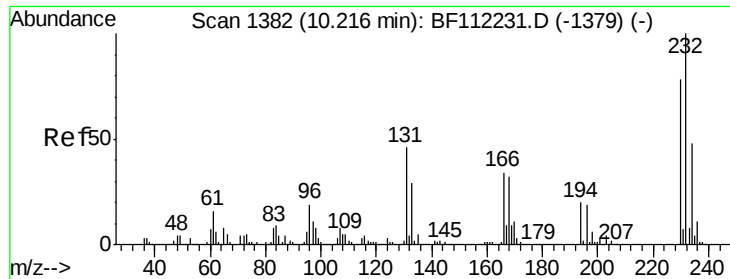
mohammad
2/1/2019 12:06:06 AM



#58
Fluorene
Concen: 36.896 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.5	77.1	115.7
167	13.7	11.3	16.9





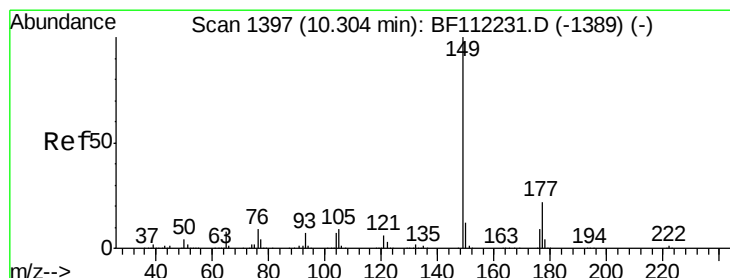
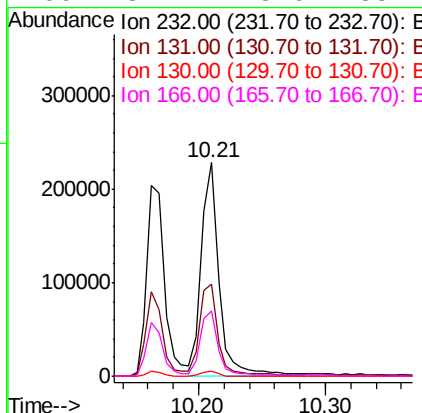
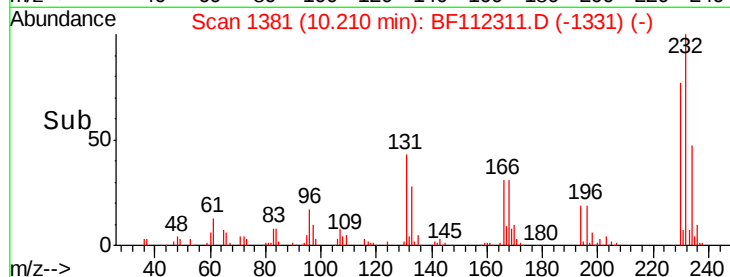
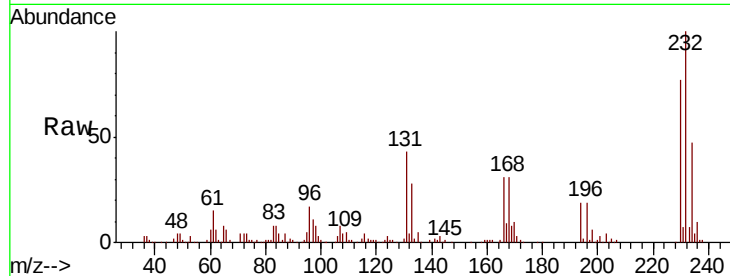
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.963 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	33.9	50.9
130	2.3	1.8	2.6
166	31.2	23.6	35.4

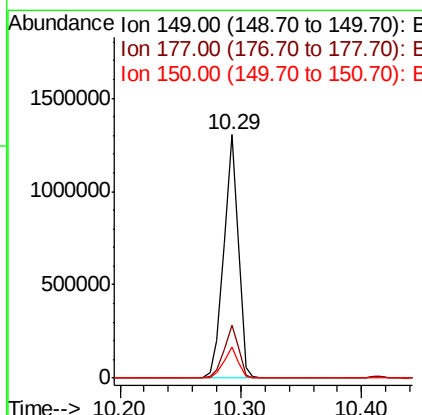
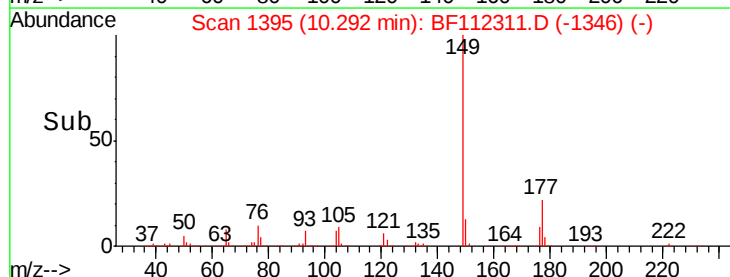
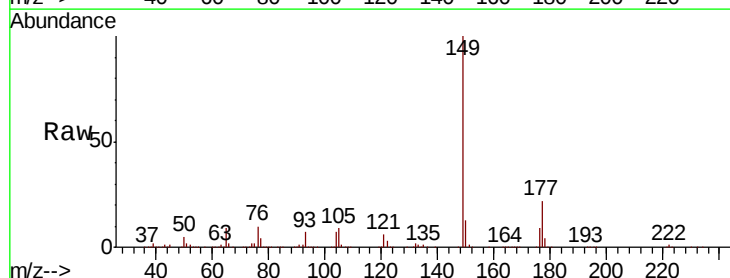
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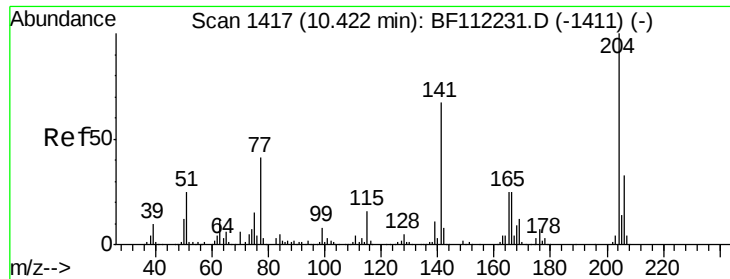
mohammad
2/1/2019 12:06:06 AM



#60
Diethylphthalate
Concen: 38.875 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	18.2	27.2
150	12.9	10.4	15.6





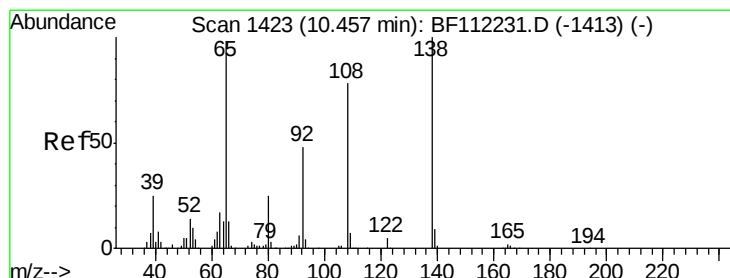
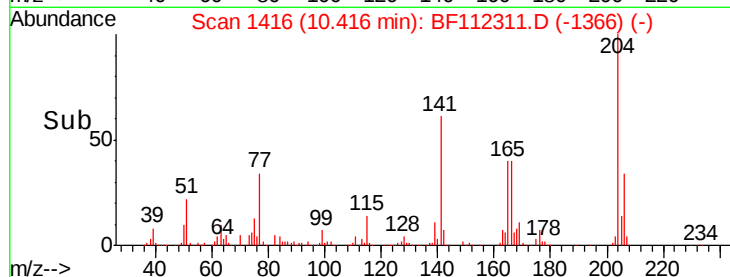
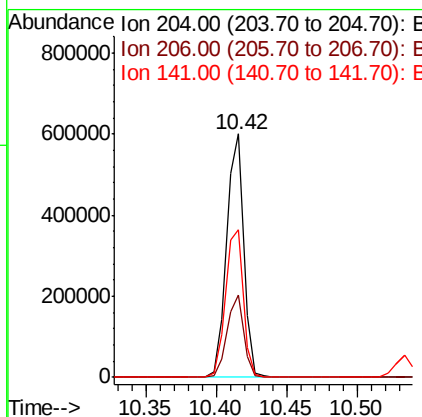
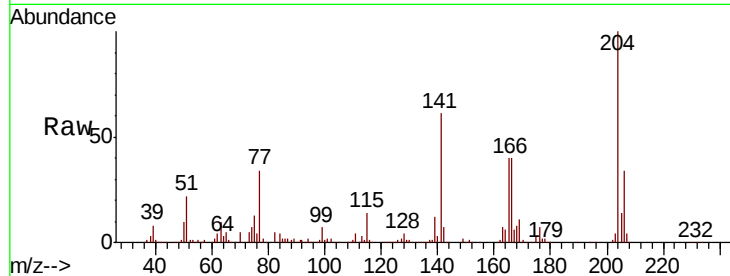
#61
 4-Chlorophenyl-phenylether
 Concen: 37.920 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	60.5	45.9	68.9

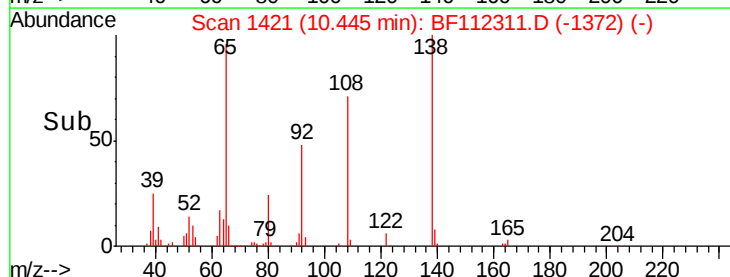
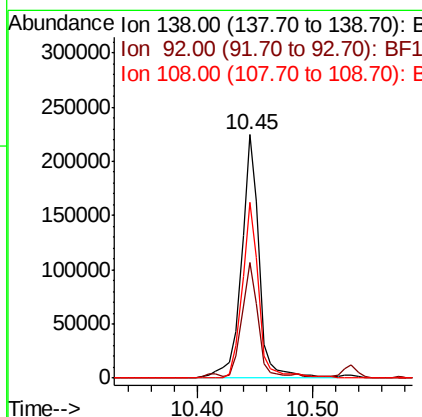
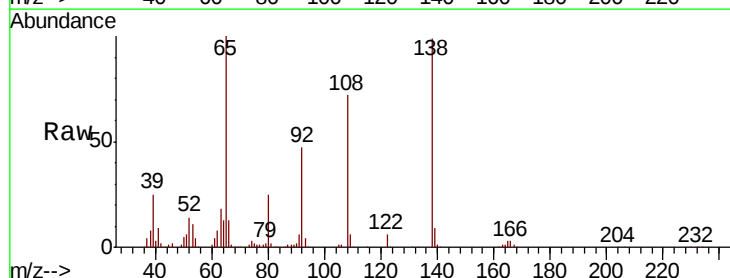
Manual Integrations
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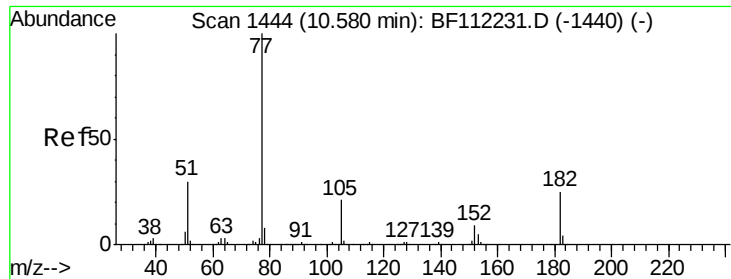
mohammad
 2/1/2019 12:06:06 AM



#62
 4-Nitroaniline
 Concen: 35.630 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.6	70.6
108	72.2	50.0	90.0





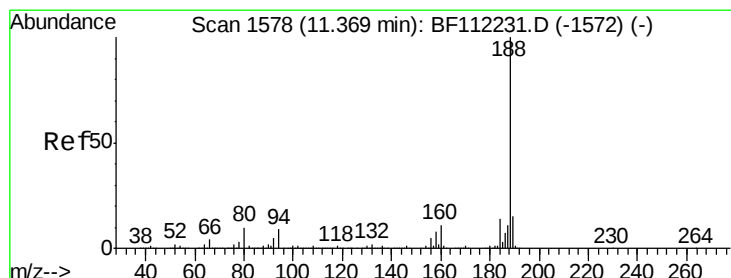
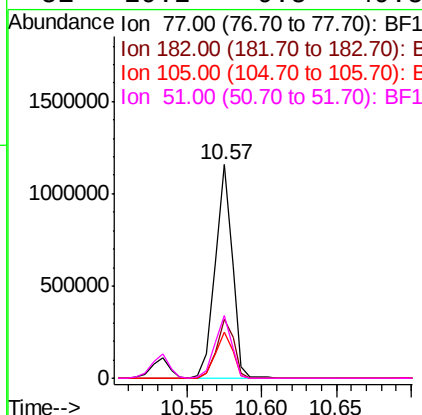
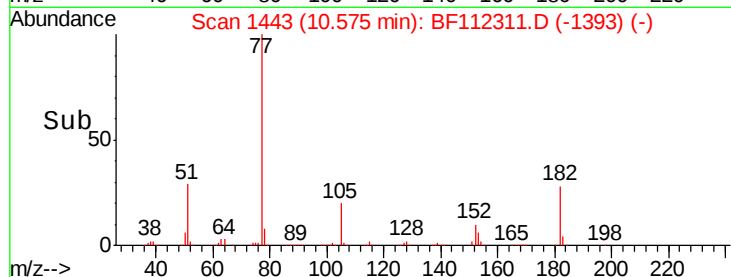
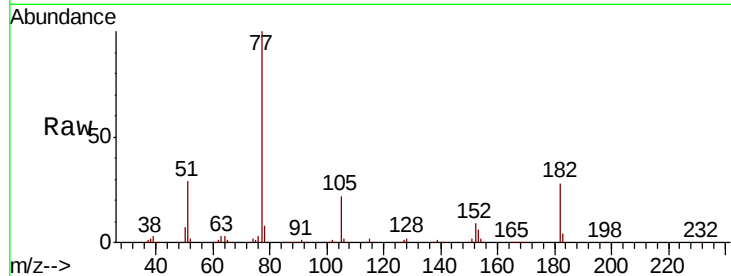
#63
Azobenzene
Concen: 37.618 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	5.7	45.7
105	21.7	1.4	41.4
51	29.2	9.5	49.5

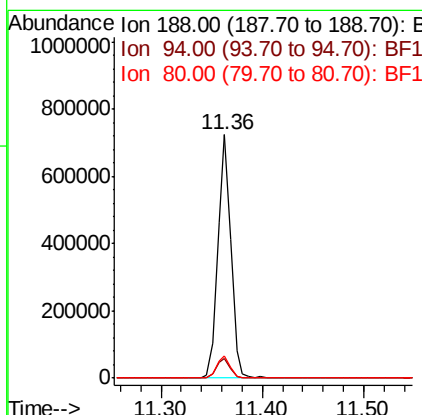
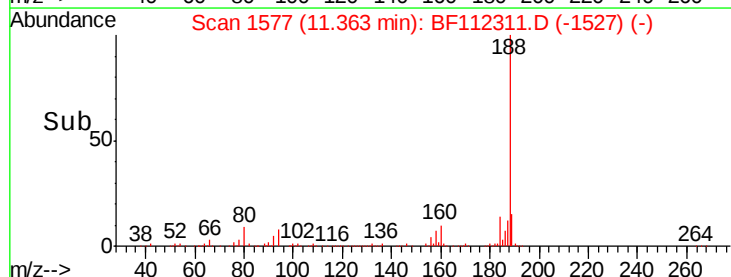
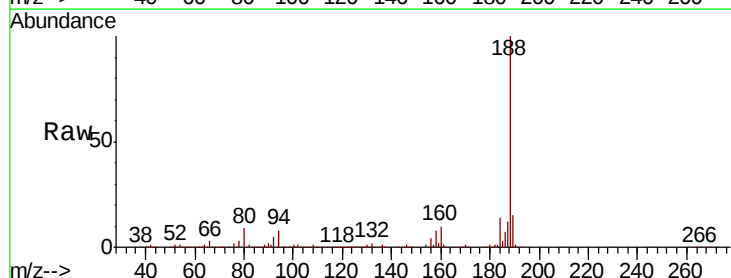
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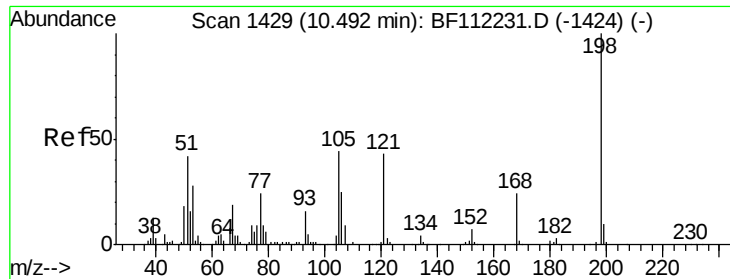
mohammad
2/1/2019 12:06:06 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	9.0	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 20.410 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 73848

Ion Ratio Lower Upper

198 100

51 39.3 17.2 57.2

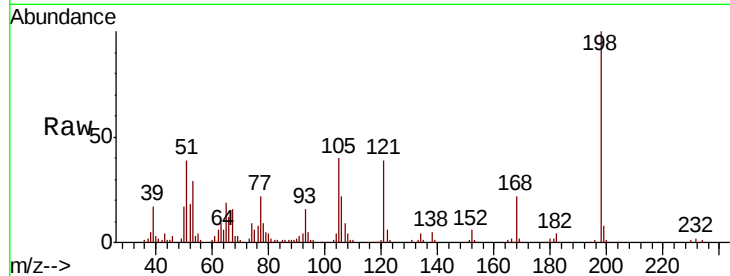
105 40.2 21.9 61.9

Manual Integrations

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

400000

300000

200000

100000

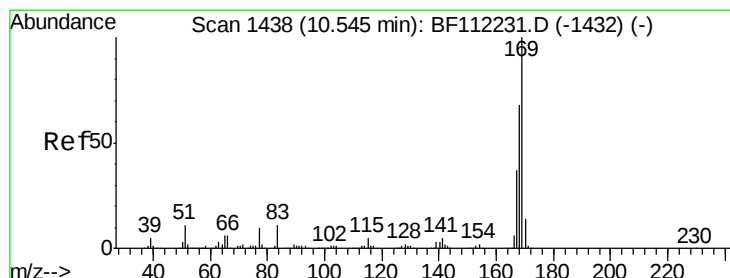
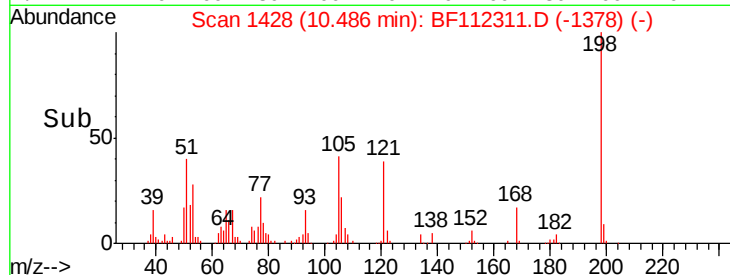
0

10.40

10.50

10.60

Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.756 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

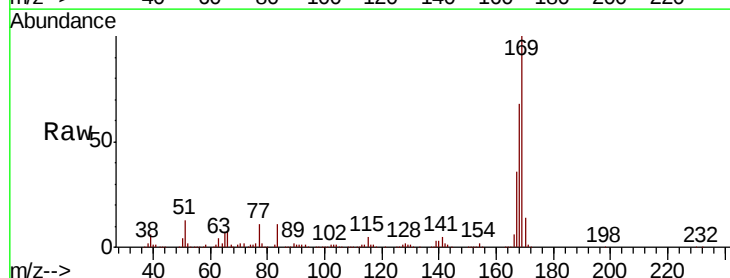
Tgt Ion:169 Resp: 886448

Ion Ratio Lower Upper

169 100

168 67.8 53.9 80.9

167 36.3 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

1000000

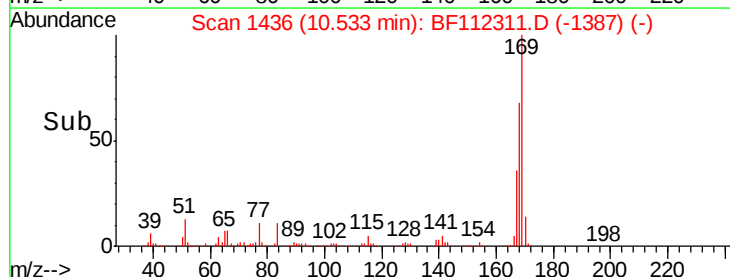
500000

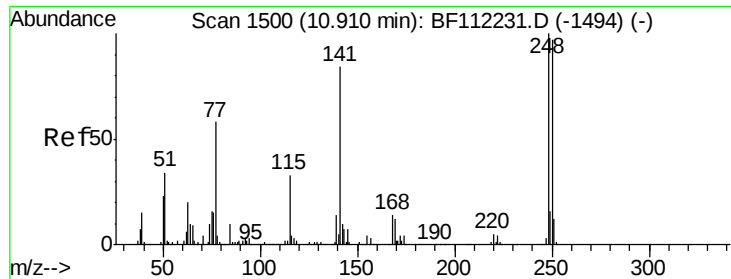
0

10.50

10.60

Time-->





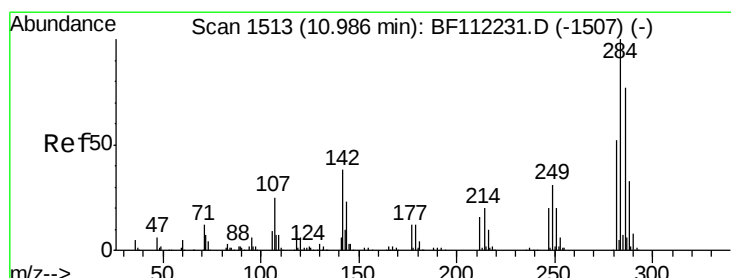
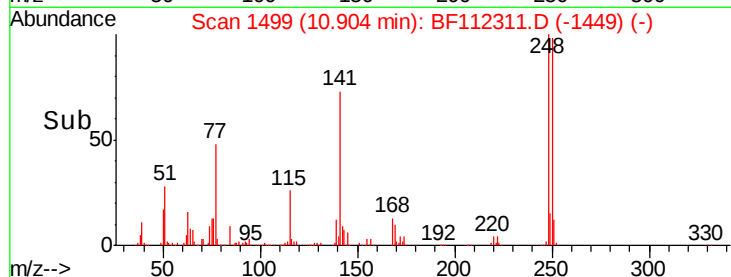
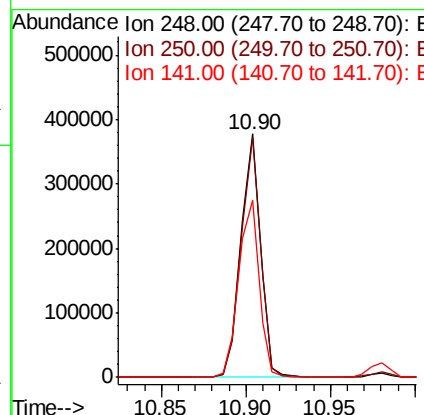
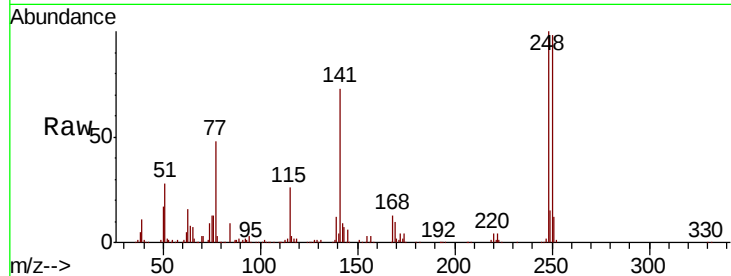
#67
4-Bromophenyl-phenylether
Concen: 40.406 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.7	119.5
141	72.6	60.3	90.5

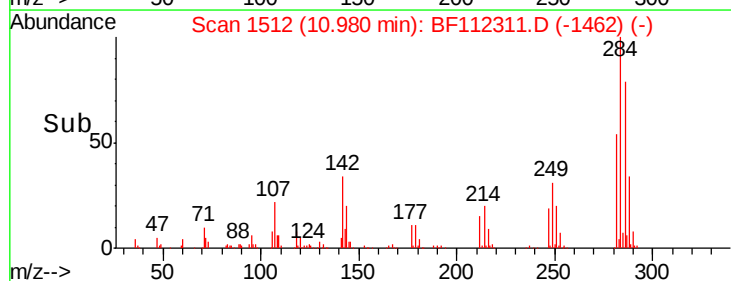
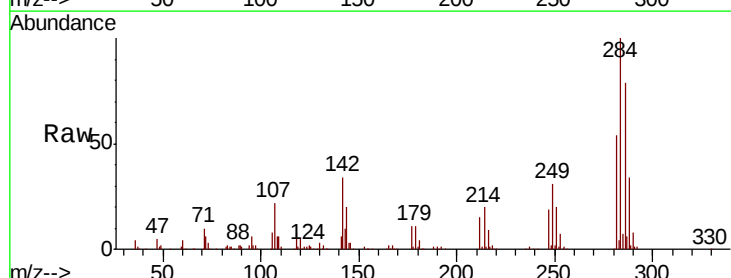
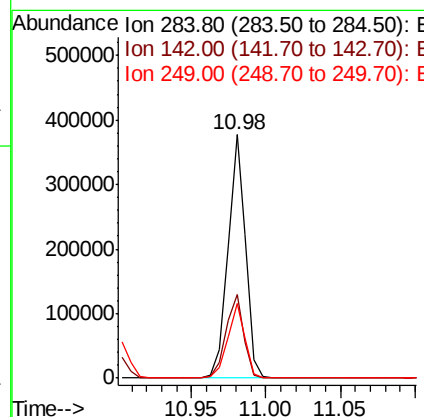
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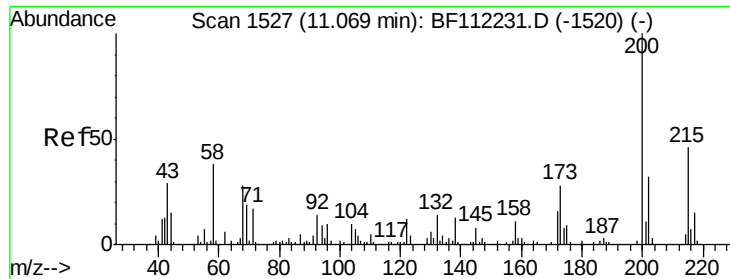
mohammad
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#68
Hexachlorobenzene
Concen: 38.697 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.6	41.4
249	30.8	24.1	36.1





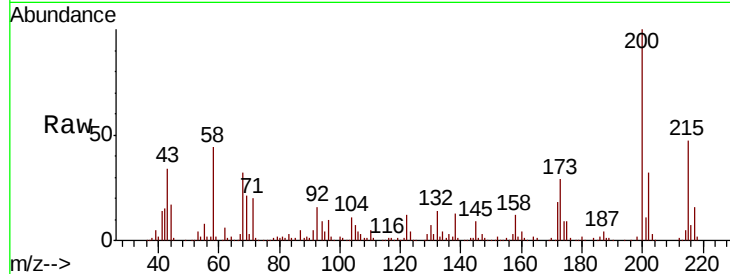
#69
Atrazine
Concen: 39.243 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.1	47.1
215	46.9	30.4	70.4

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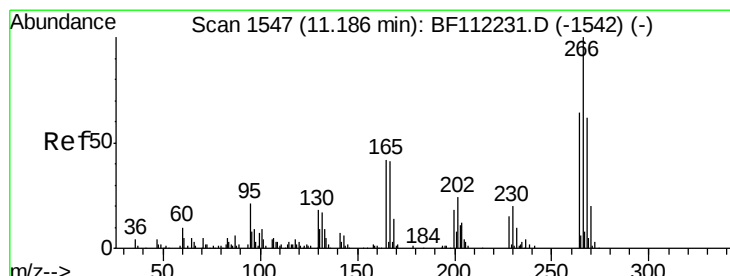
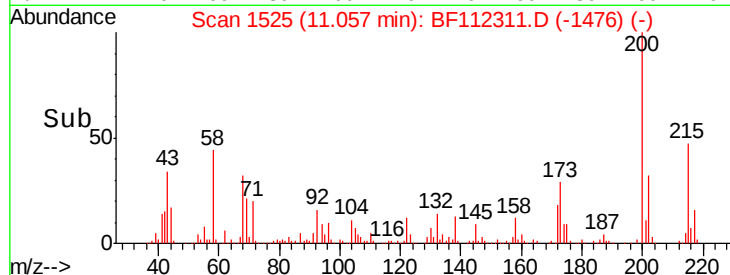
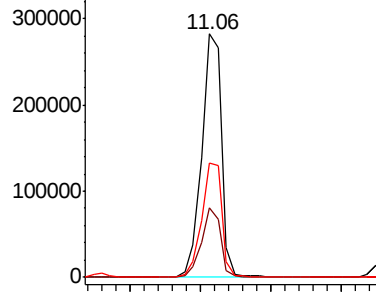


Abundance

Ion 200.00 (199.70 to 200.70): E

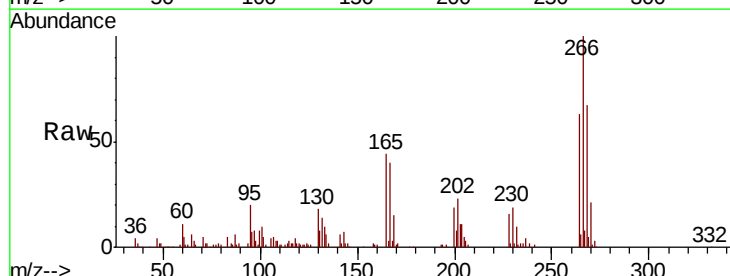
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 36.341 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.2	76.8
264	63.1	50.9	76.3

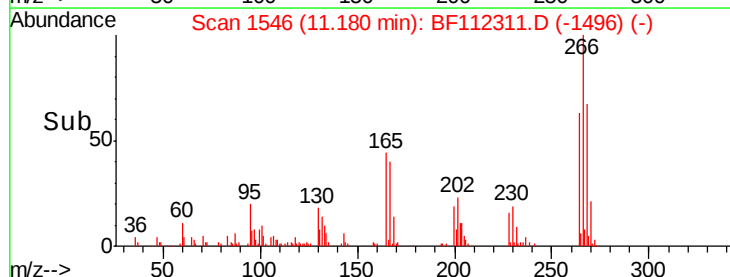
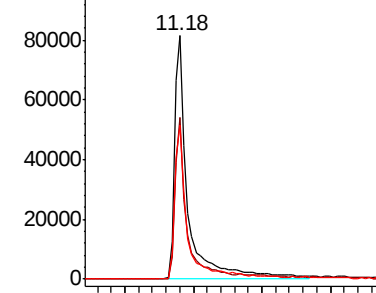


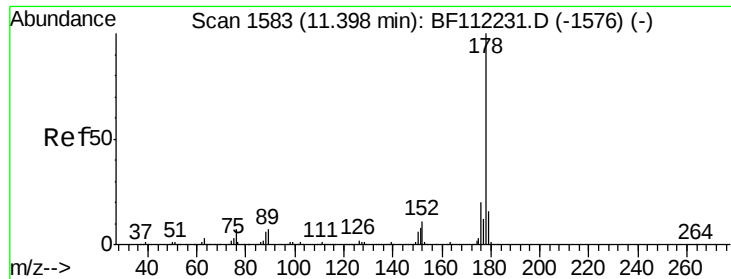
Abundance

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





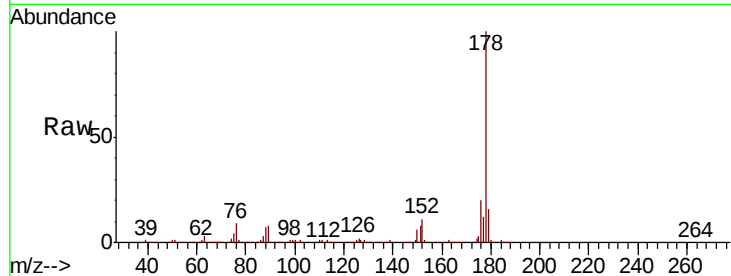
#71
Phenanthrene
Concen: 36.761 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	16.0	13.0	19.4

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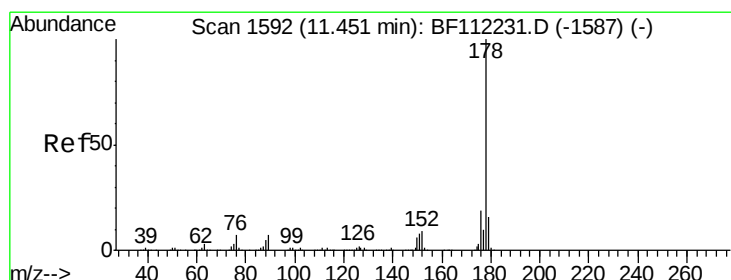
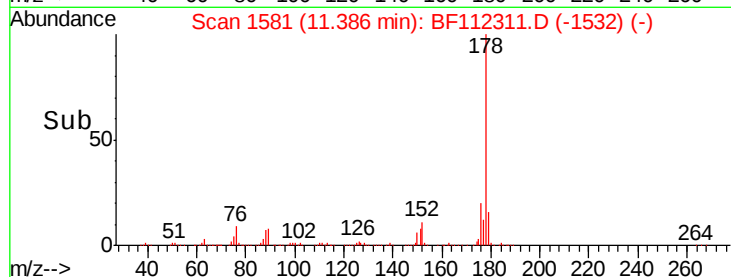
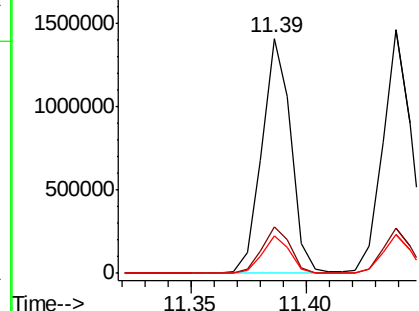


Abundance

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: 37.248 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

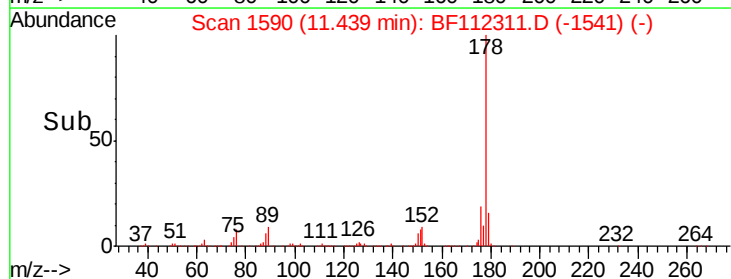
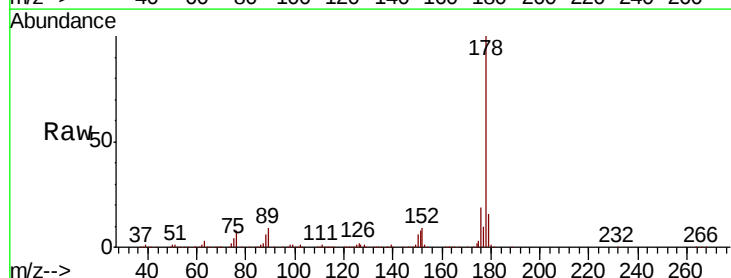
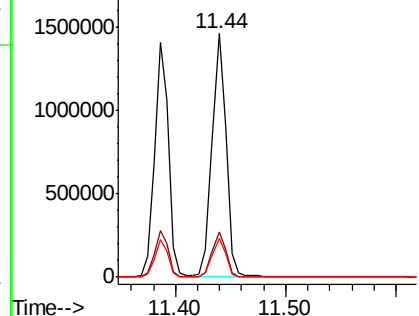
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	16.2	12.8	19.2

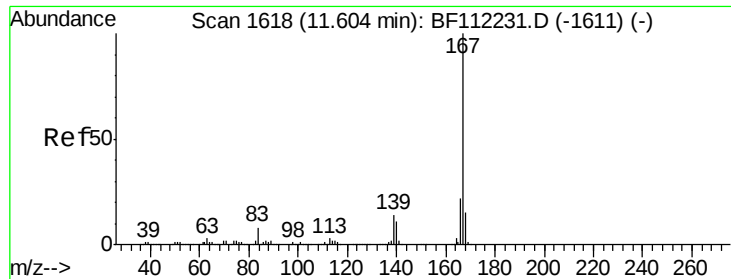
Abundance

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





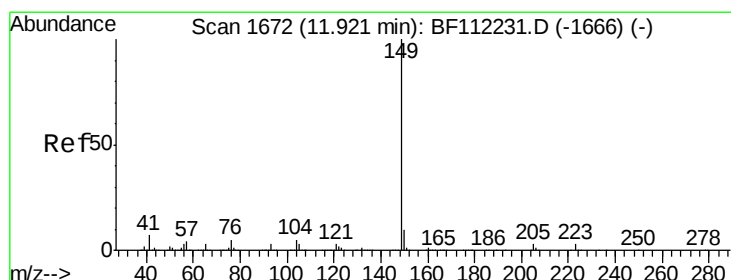
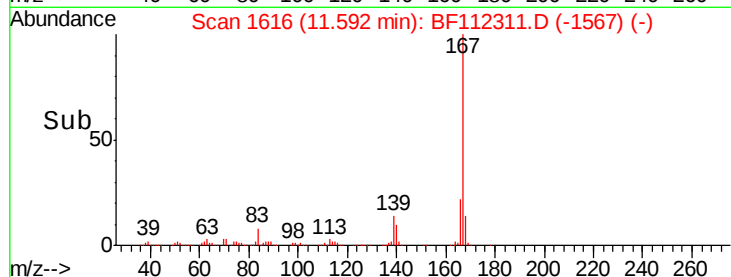
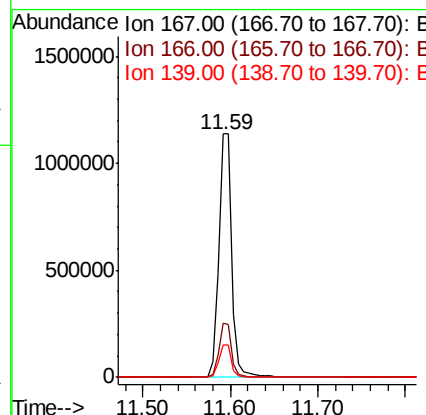
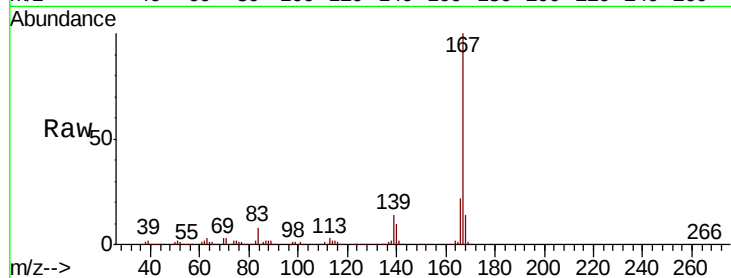
#73
 Carbazole
 Concen: 35.432 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.5	10.2	15.2

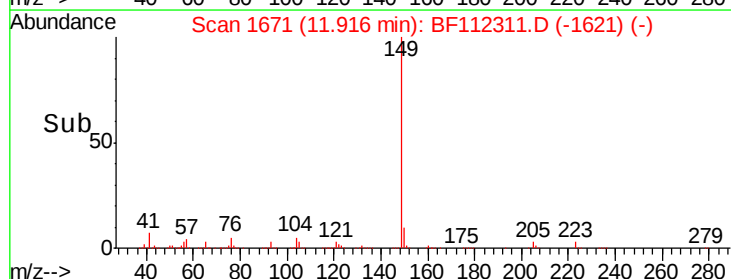
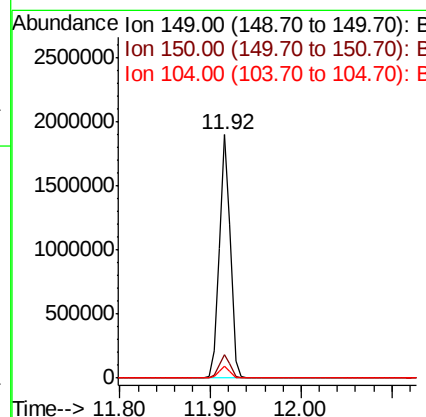
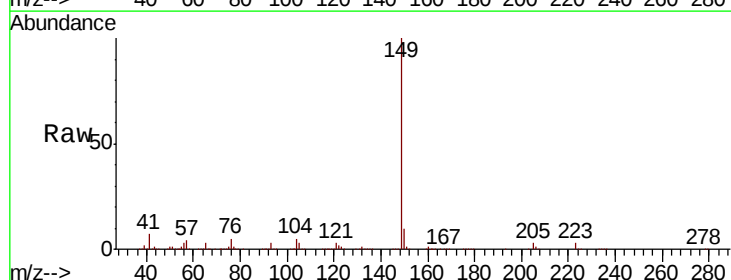
Manual Integrations
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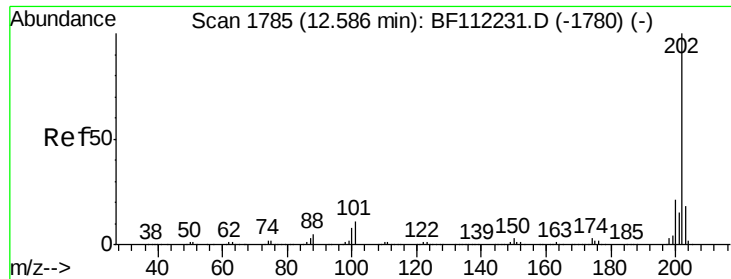
mohammad
 2/1/2019 12:06:06 AM



#74
 Di-n-butylphthalate
 Concen: 38.902 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	5.0	3.9	5.9





#75

Fluoranthene

Concen: 31.574 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Instrument :

BNA_F

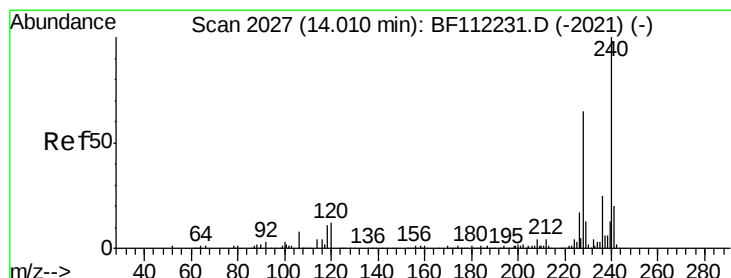
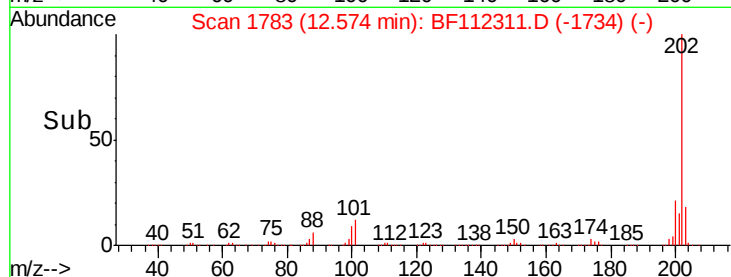
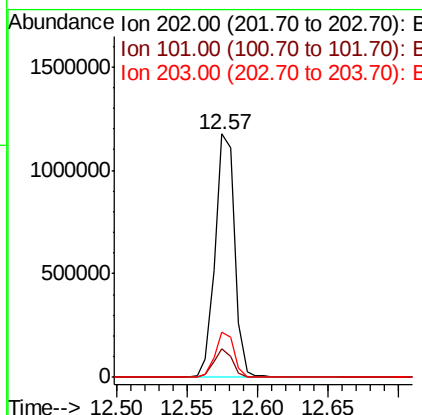
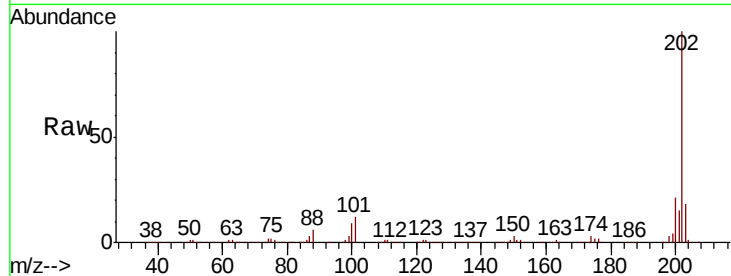
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1136199
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.8
203	18.4	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

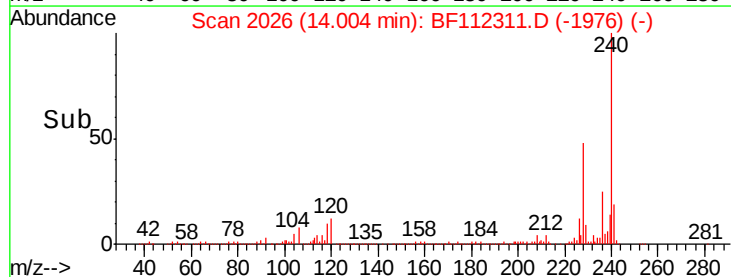
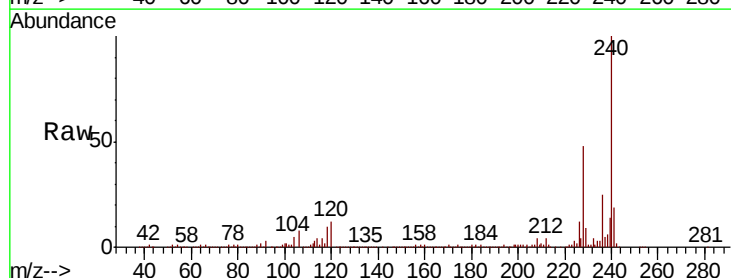
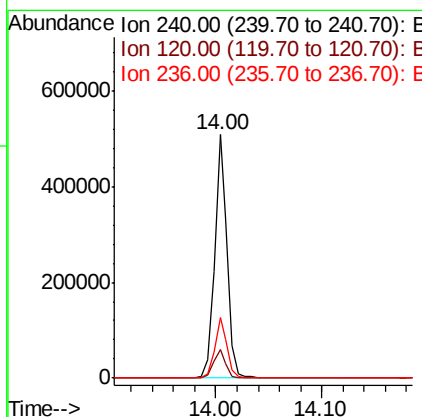
RT: 14.00 min Scan# 2026

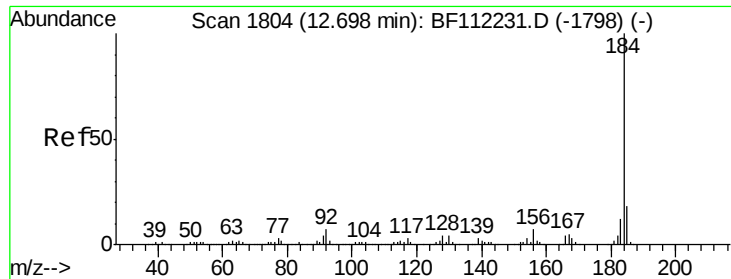
Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Tgt Ion:	240	Resp:	422682
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.0	13.6
236	25.1	20.7	31.1





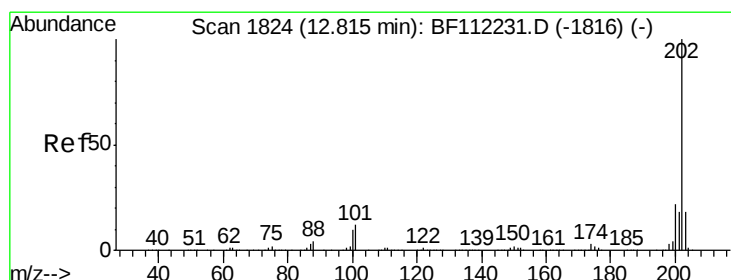
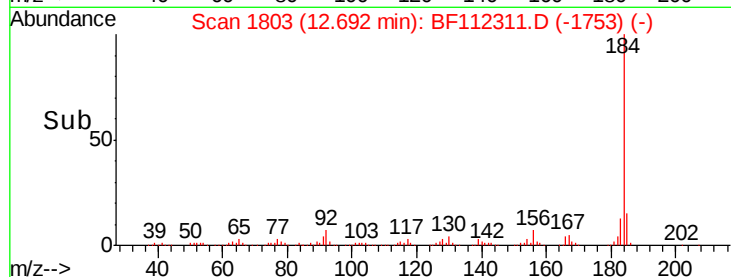
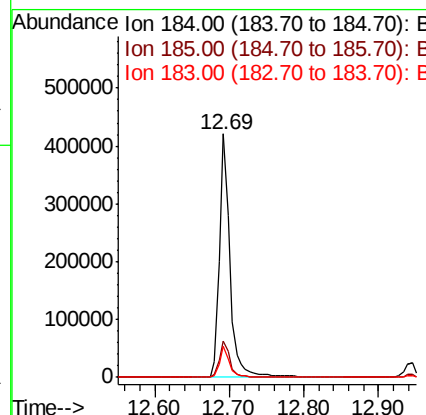
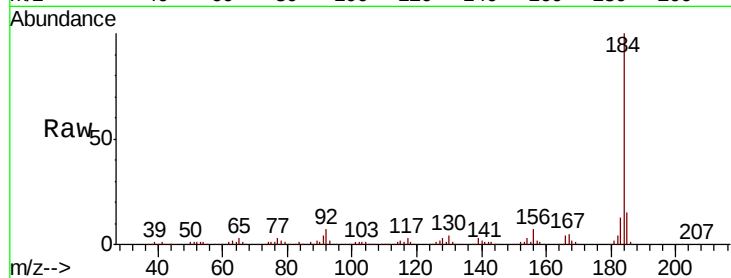
#77
Benzidine
Concen: 35.161 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.9	20.9
183	12.8	10.0	15.0

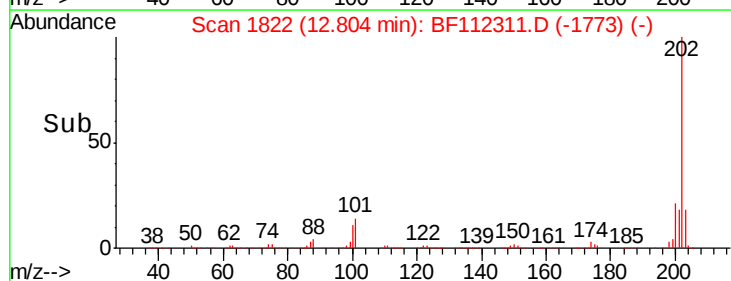
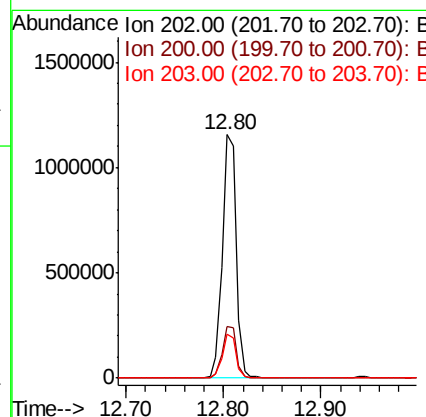
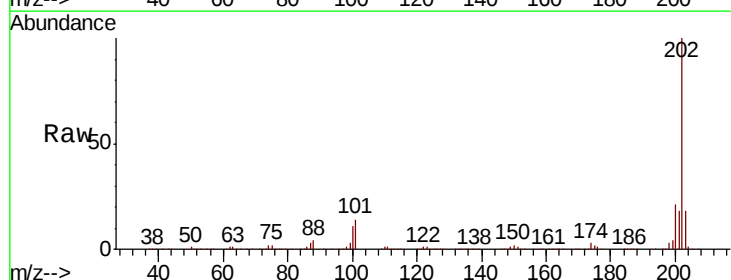
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#78
Pyrene
Concen: 38.892 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.1	14.6	22.0





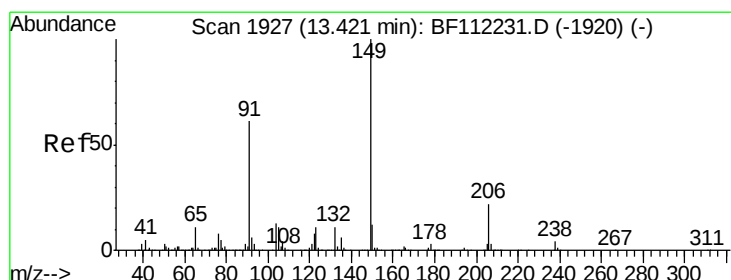
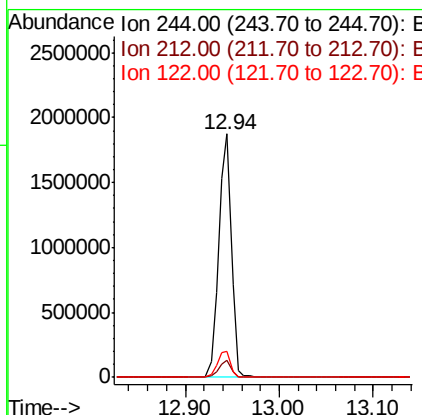
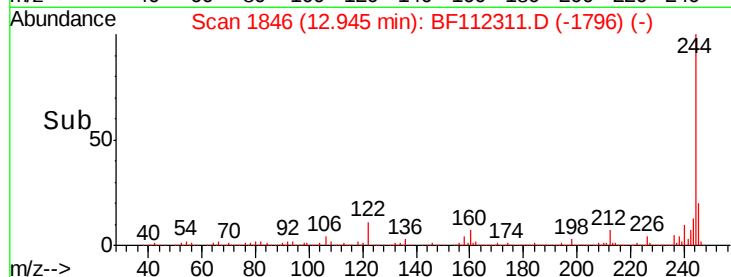
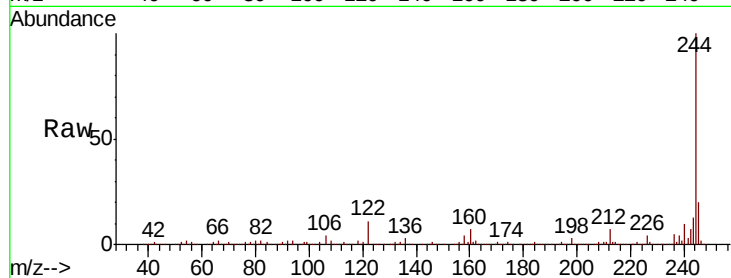
#79
 Terphenyl-d14
 Concen: 78.906 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.9	9.8	14.6

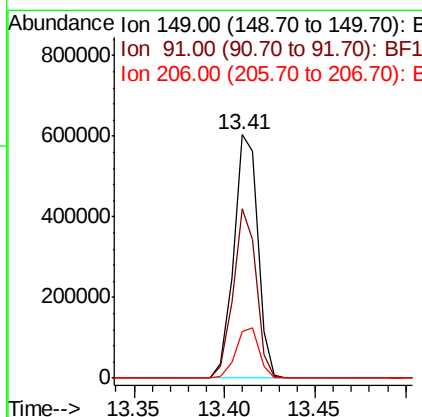
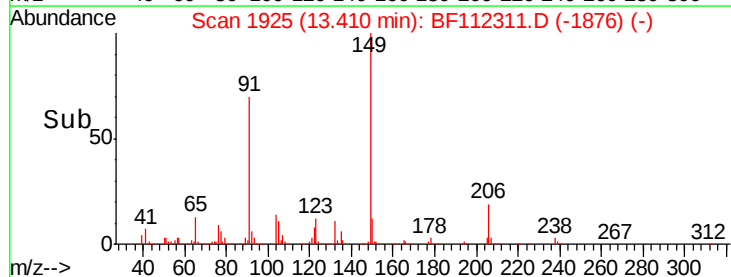
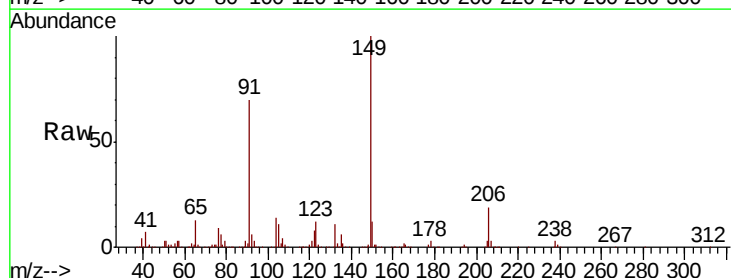
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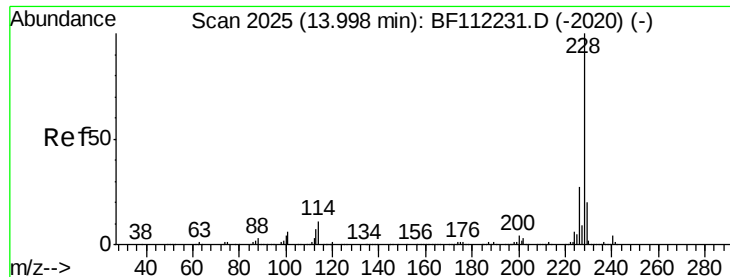
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#80
 Butylbenzylphthalate
 Concen: 39.467 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.7	50.3	75.5
206	19.3	18.2	27.4





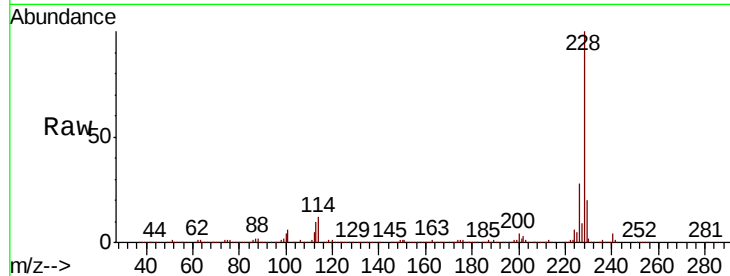
#81
Benzo(a)anthracene
Concen: 37.802 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	19.9	16.5	24.7

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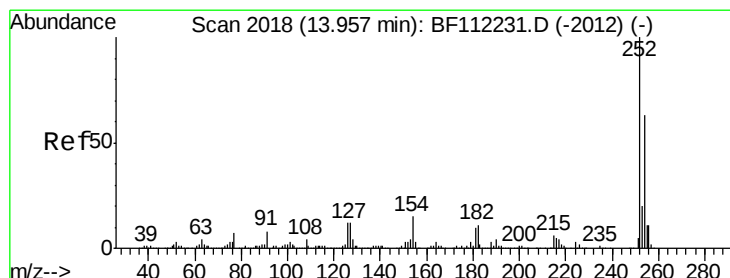
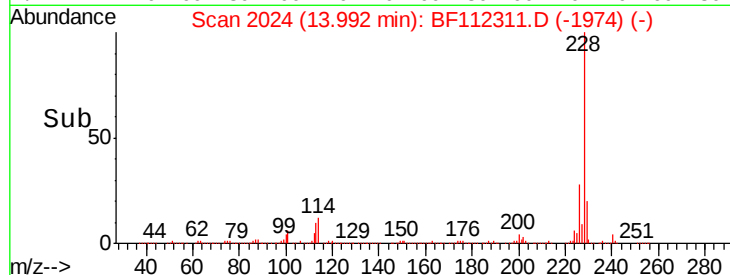
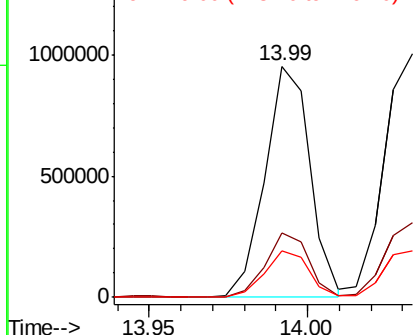


Abundance

Ion 228.00 (227.70 to 228.70): E

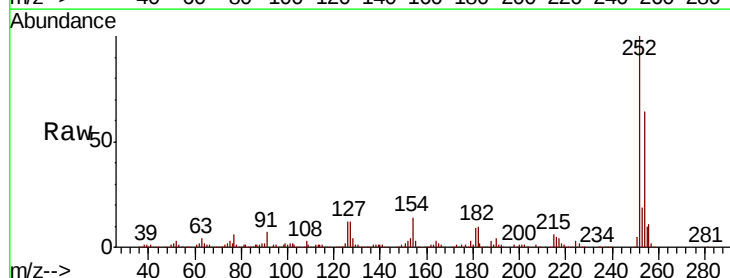
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 39.657 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.6	77.4
126	11.6	8.6	12.8

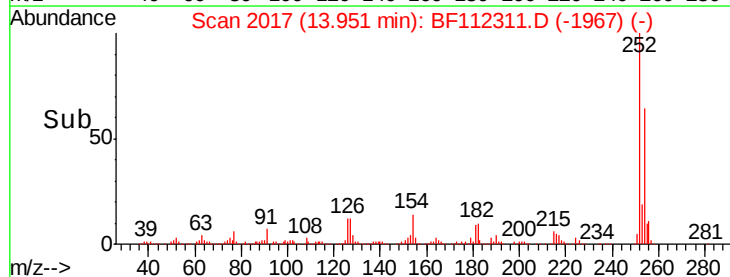
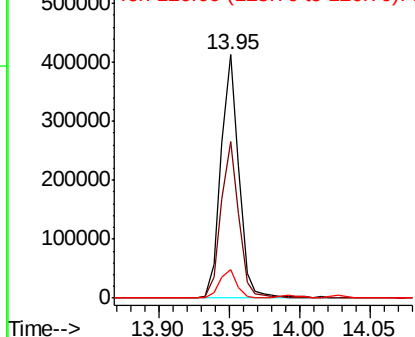


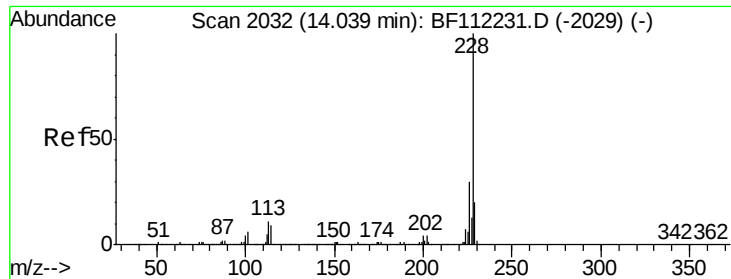
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





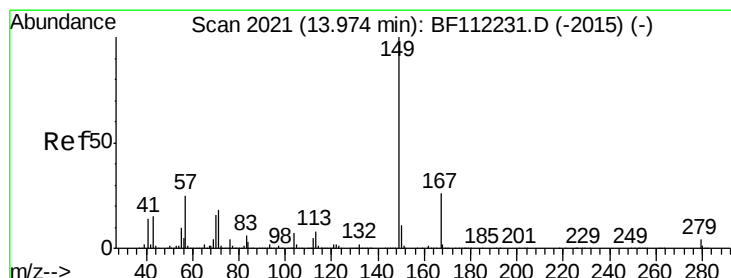
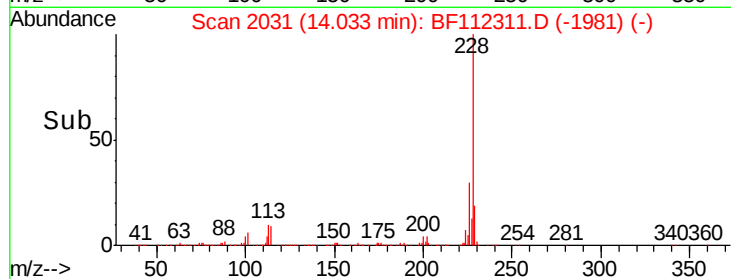
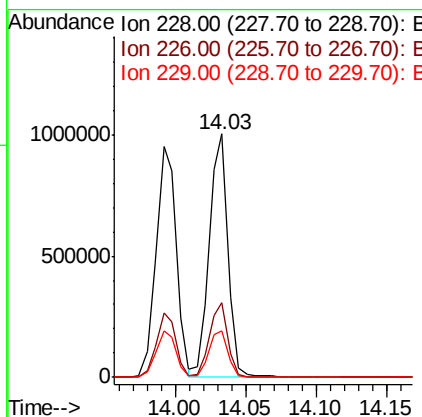
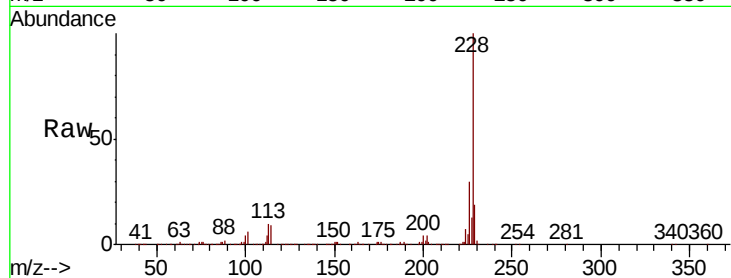
#83
 Chrvsene
 Concen: 38.647 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.1	16.6	24.8

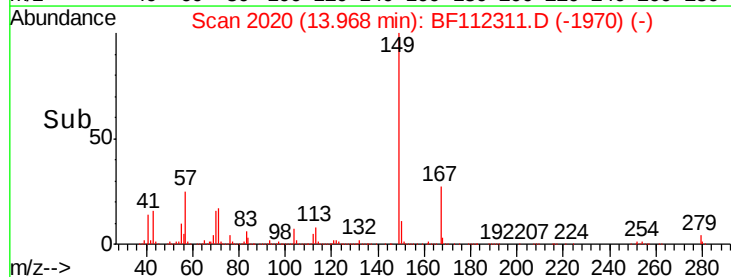
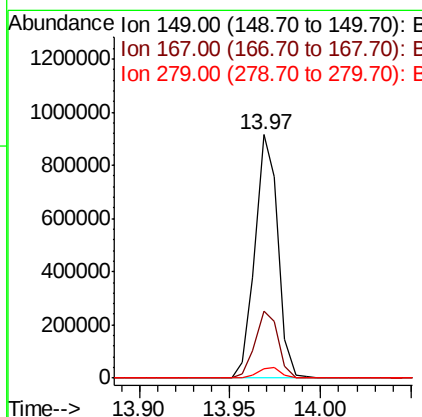
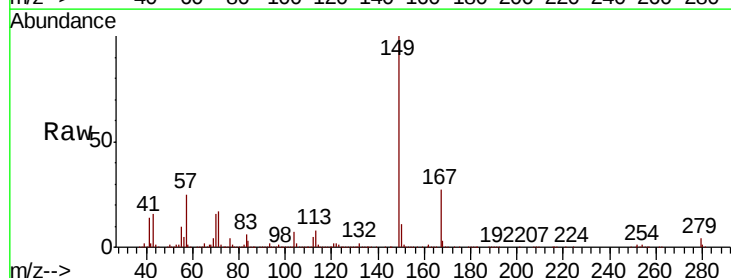
Manual Integrations
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.142 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112311.D
 Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.5	33.7
279	3.8	3.8	5.6





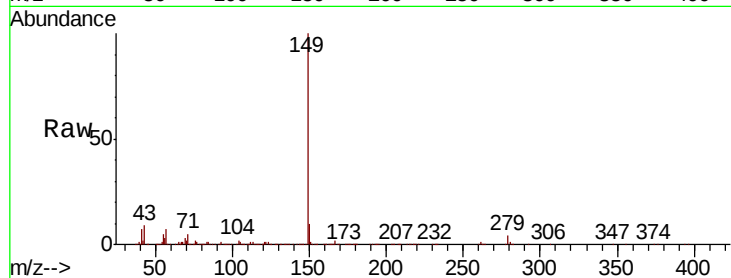
#85
Di-n-octyl phthalate
Concen: 39.044 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

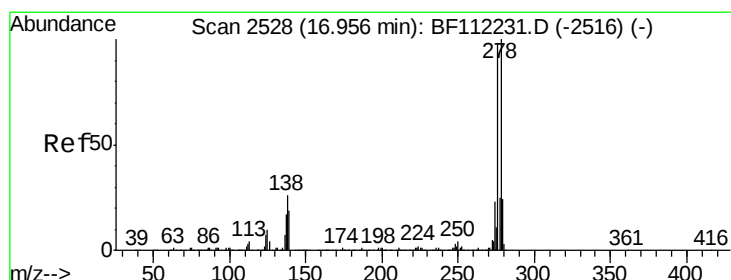
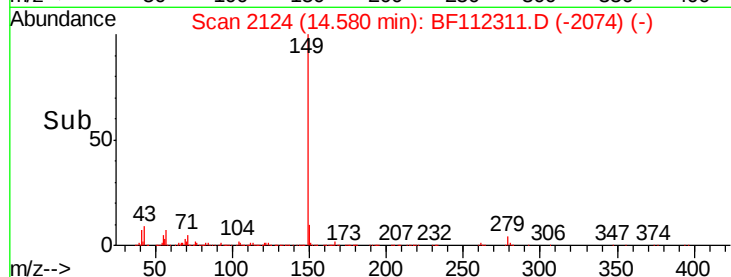
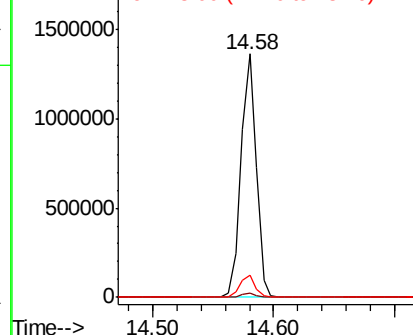
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.8	11.6

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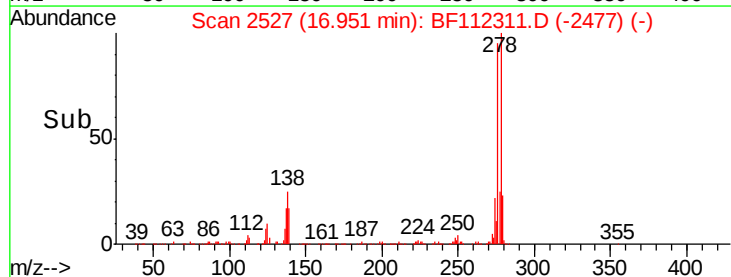
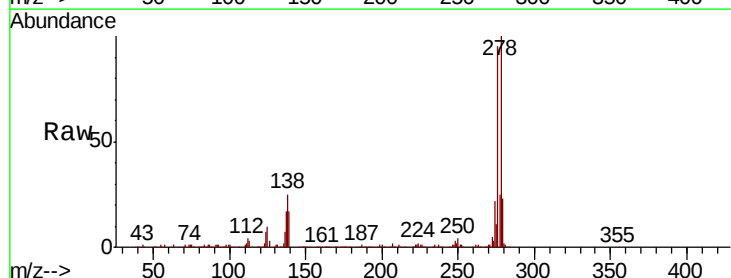
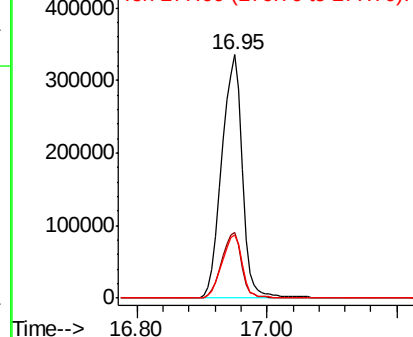
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

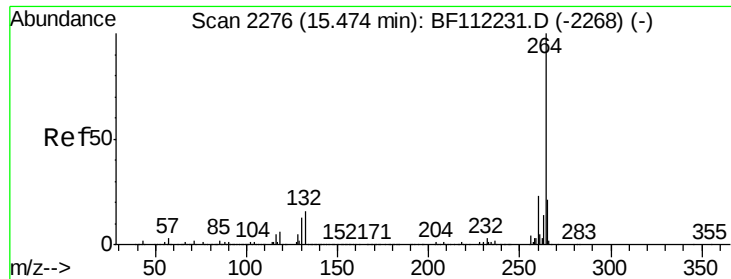


#86
Indeno(1,2,3-cd)pyrene
Concen: 39.473 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.6	34.0
277	25.8	20.3	30.5

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





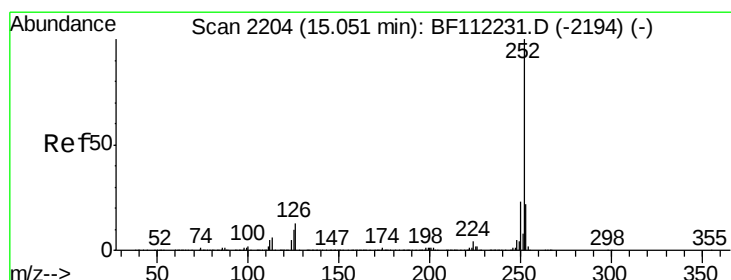
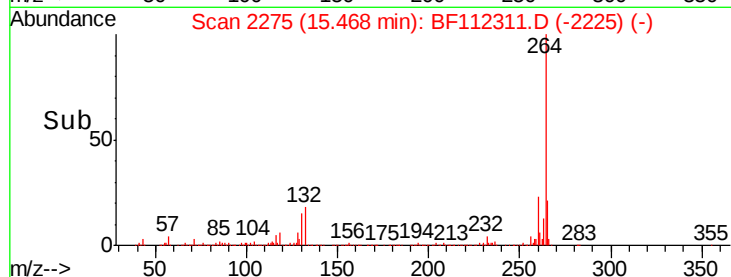
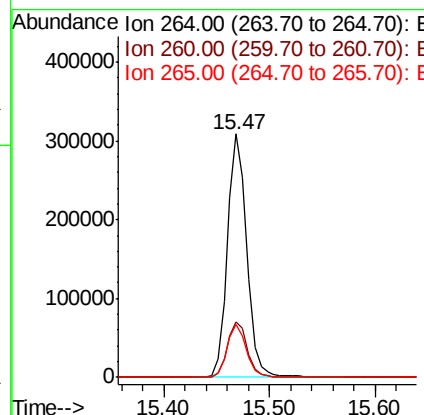
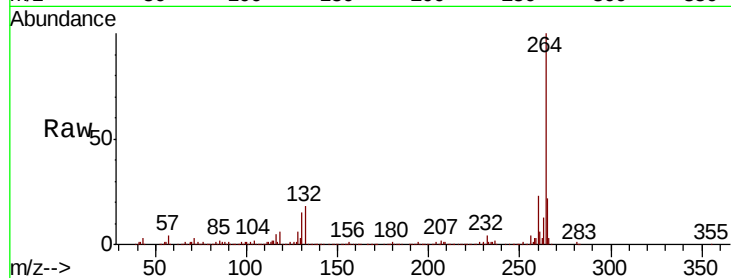
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.6	17.0	25.4

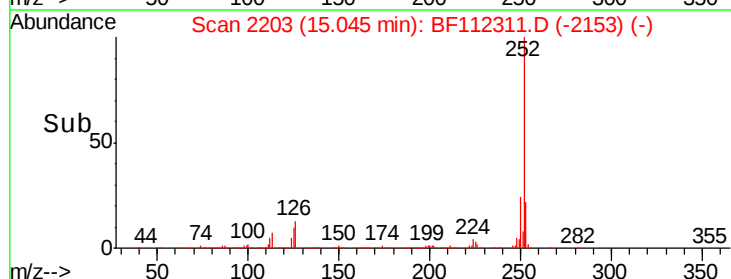
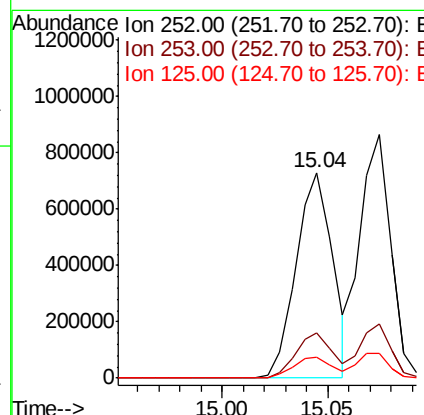
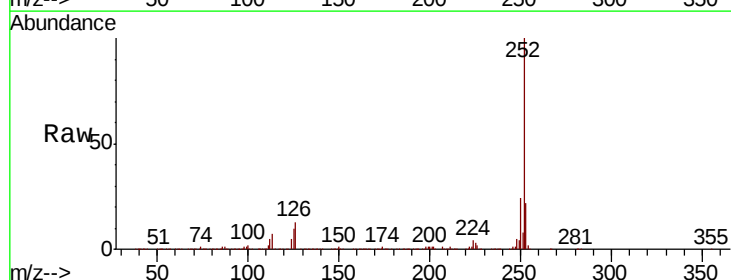
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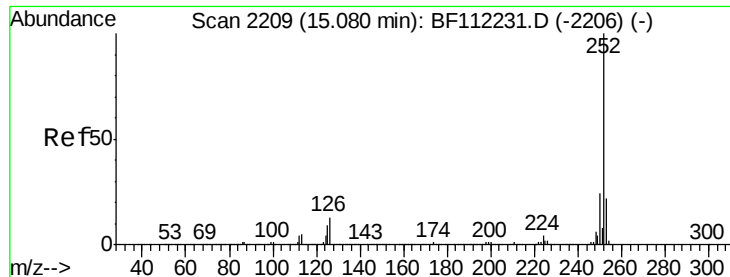
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#88
Benzo(b)fluoranthene
Concen: 37.286 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.1	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 39.693 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

Instrument :

BNA_F

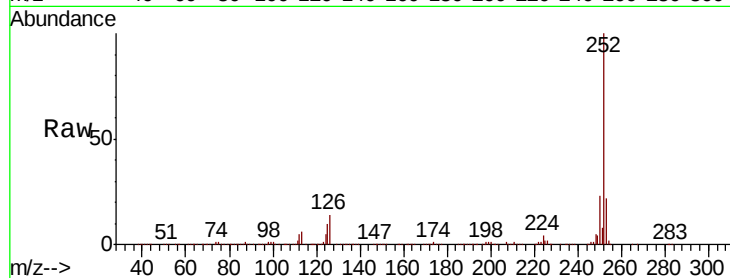
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.1	9.1	13.7

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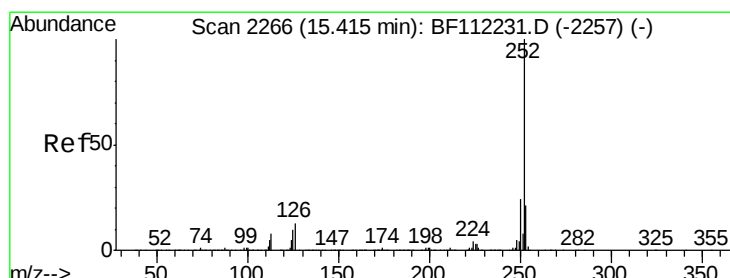
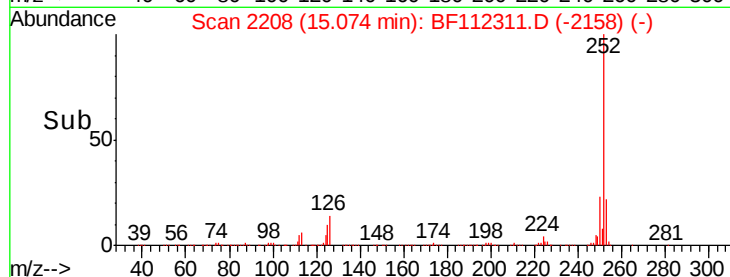
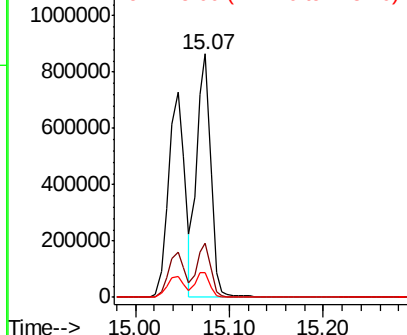


Abundance

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



#90

Benzo(a)pyrene

Concen: 38.524 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF112311.D

Acq: 30 Jan 2019 9:18

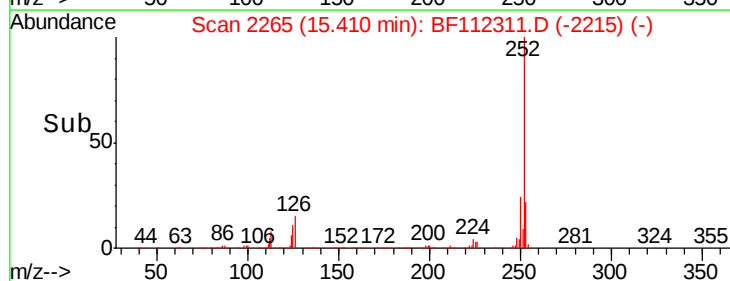
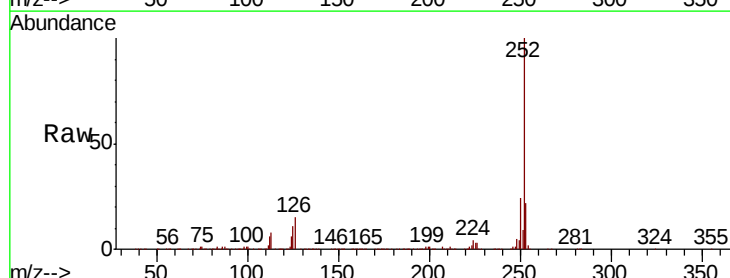
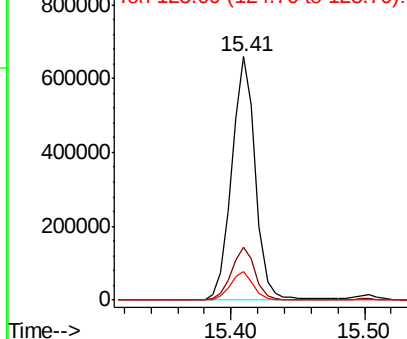
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.5	9.0	13.4

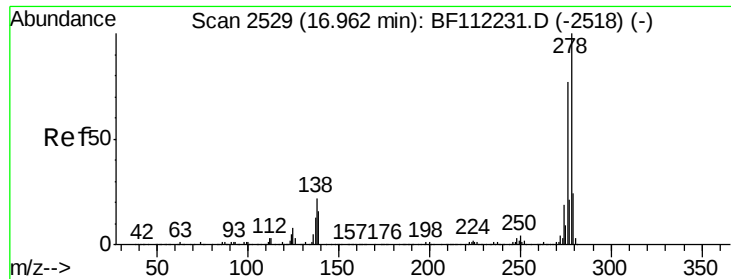
Abundance

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





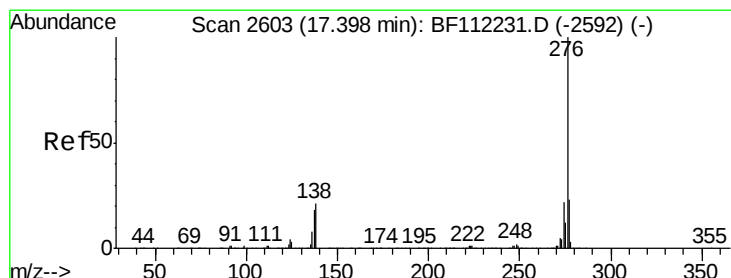
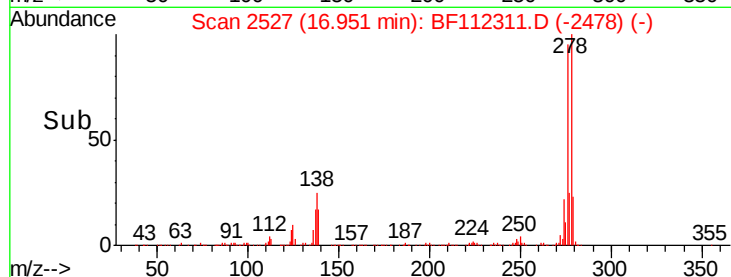
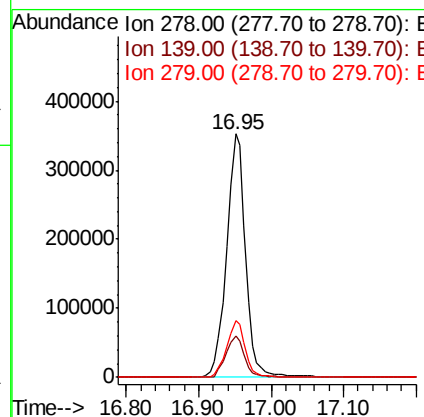
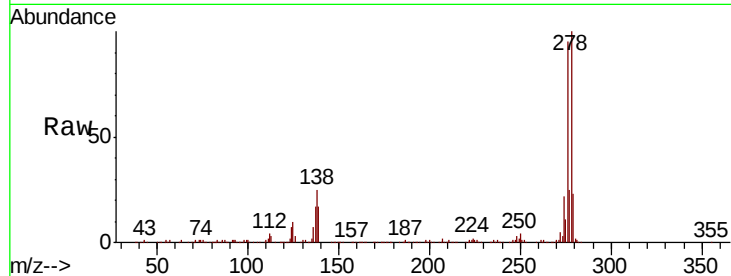
#91
Dibenzo(a,h)anthracene
Concen: 37.458 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.7	20.5
279	23.4	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/1/2019 12:06:06 AM



#92
Benzo(g,h,i)perylene
Concen: 34.917 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF112311.D
Acq: 30 Jan 2019 9:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.0
138	23.6	19.1	28.7

