

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112372.D
 Acq On : 4 Feb 2019 9:39
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:42:30 AM

Quant Time: Feb 04 14:13:05 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	177927	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	681262	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	326793	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	578962	20.00	ng	0.00
76) Chrysene-d12	14.00	240	381864	20.00	ng	0.00
87) Perylene-d12	15.47	264	368696	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	773621	92.35	ng	-0.01
7) Phenol-d6	6.49	99	927175	79.66	ng	0.00
23) Nitrobenzene-d5	7.40	82	886972	75.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	282566	74.29	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1750592	75.76	ng	0.00
79) Terphenyl-d14	12.94	244	1591658	78.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	159876	47.911	ng	96
3) Pyridine	3.33	79	406349	47.871	ng	96
4) n-Nitrosodimethylamine	3.28	42	166874	46.793	ng	91
6) Aniline	6.50	93	556288	40.175	ng	# 66
8) 2-Chlorophenol	6.63	128	446435	39.617	ng	99
9) Benzaldehyde	6.39	77	242425	39.847	ng	94
10) Phenol	6.50	94	504371	39.496	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	392631	39.053	ng	98
12) 1,3-Dichlorobenzene	6.78	146	513785	39.149	ng	99
13) 1,4-Dichlorobenzene	6.86	146	516554	38.245	ng	98
14) 1,2-Dichlorobenzene	7.01	146	485573	38.398	ng	97
15) Benzyl Alcohol	6.99	79	366119	37.313	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	499995	38.733	ng	71
17) 2-Methylphenol	7.10	107	329977	36.939	ng	93
18) Hexachloroethane	7.35	117	177172	37.355	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	300737	37.469	ng	96
20) 3+4-Methylphenols	7.26	107	438130	38.354	ng	# 82
22) Acetophenone	7.25	105	618870	37.306	ng	96
24) Nitrobenzene	7.43	77	442415	37.467	ng	95
25) Isophorone	7.66	82	693552	37.391	ng	98
26) 2-Nitrophenol	7.74	139	237121	37.576	ng	92
27) 2,4-Dimethylphenol	7.78	122	331291	38.104	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	482832	38.230	ng	99
29) 2,4-Dichlorophenol	7.99	162	380925	39.151	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	433270	38.741	ng	99
31) Naphthalene	8.15	128	1195276	37.518	ng	99
32) Benzoic acid	7.92	122	161082m	32.480	ng	
33) 4-Chloroaniline	8.19	127	526597	37.961	ng	97
34) Hexachlorobutadiene	8.26	225	250438	38.160	ng	99
35) Caprolactam	8.57	113	128097	37.321	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	378870	36.784	ng	97
37) 2-Methylnaphthalene	8.83	142	814308	37.337	ng	97
38) 1-Methylnaphthalene	8.93	142	773393	36.997	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	421547	39.288	ng	98

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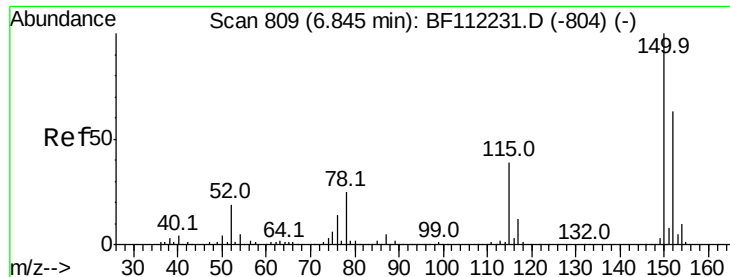
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	28382	15.654	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	261042	39.468	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	264007	38.193	nq	97
46) 1,1'-Biphenyl	9.30	154	1108250	38.791	nq	99
47) 2-Chloronaphthalene	9.33	162	851588	38.438	nq	98
48) 2-Nitroaniline	9.42	65	232897	38.569	nq	91
49) Acenaphthylene	9.74	152	1237650	38.114	nq	98
50) Dimethylphthalate	9.59	163	980598	38.621	nq	99
51) 2,6-Dinitrotoluene	9.66	165	217109	38.180	nq	# 83
52) Acenaphthene	9.91	154	738953	38.094	nq	99
53) 3-Nitroaniline	9.84	138	233390	37.885	nq	99
54) 2,4-Dinitrophenol	9.96	184	26492	14.517	nq	87
55) Dibenzofuran	10.09	168	1114680	37.603	nq	98
56) 4-Nitrophenol	10.02	139	92624	28.438	nq	96
57) 2,4-Dinitrotoluene	10.07	165	269990	37.295	nq	# 88
58) Fluorene	10.43	166	844120	38.053	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	200593	38.400	nq	97
60) Diethylphthalate	10.29	149	985441	39.110	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	462864	38.358	nq	97
62) 4-Nitroaniline	10.45	138	220982	36.571	nq	96
63) Azobenzene	10.57	77	843921	38.083	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	77554	23.892	nq	89
66) n-Nitrosodiphenylamine	10.53	169	803445	41.176	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	279053	40.980	nq	98
68) Hexachlorobenzene	10.98	284	290420	39.753	nq	99
69) Atrazine	11.06	200	253805	40.311	nq	96
70) Pentachlorophenol	11.18	266	96780	34.045	nq	98
71) Phenanthrene	11.39	178	1129262	37.518	nq	98
72) Anthracene	11.44	178	1145433	38.203	nq	99
73) Carbazole	11.60	167	1086894	36.750	nq	99
74) Di-n-butylphthalate	11.92	149	1468005	39.989	nq	99
75) Fluoranthene	12.57	202	1038130	32.157	nq	99
77) Benzdine	12.69	184	395043	37.587	nq	96
78) Pyrene	12.80	202	1042274	39.423	nq	98
80) Butylbenzylphthalate	13.41	149	514014	40.185	nq	92
81) Benzo(a)anthracene	13.99	228	856659	38.162	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	325413	38.735	nq	99
83) Chrysene	14.03	228	809383	37.773	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	711047	39.161	nq	98
85) Di-n-octyl phthalate	14.58	149	1028360	36.812	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	750593	44.207	nq	97
88) Benzo(b)fluoranthene	15.04	252	777164	35.246	nq	100
89) Benzo(k)fluoranthene	15.07	252	826115	39.114	nq	98
90) Benzo(a)pyrene	15.42	252	757744	38.192	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	645711	40.382	nq	98
92) Benzo(g,h,i)perylene	17.40	276	584599	38.751	nq	98

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



#1

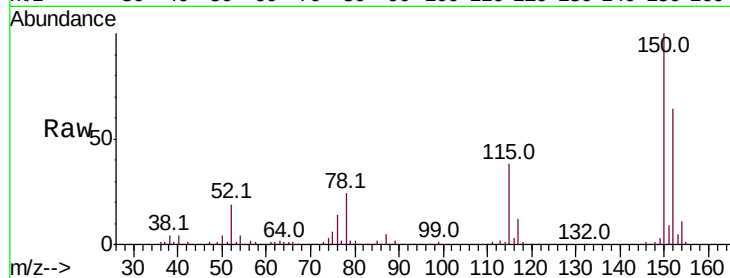
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	127.4	191.0
115	59.4	45.5	68.3

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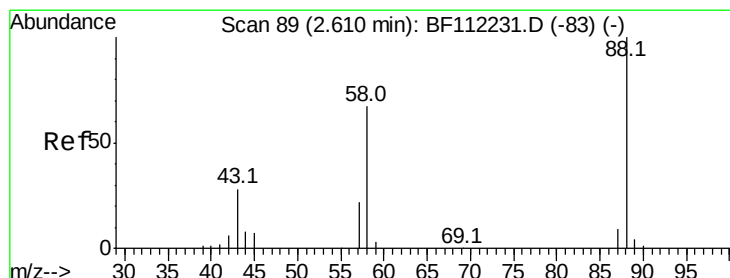
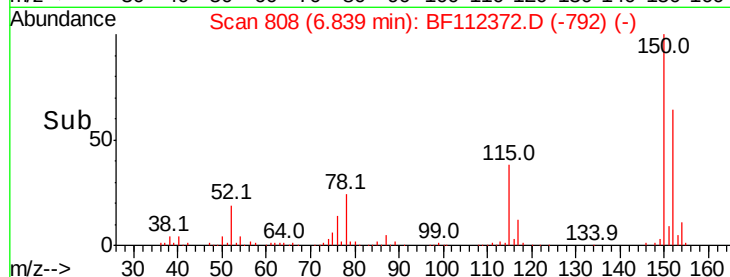
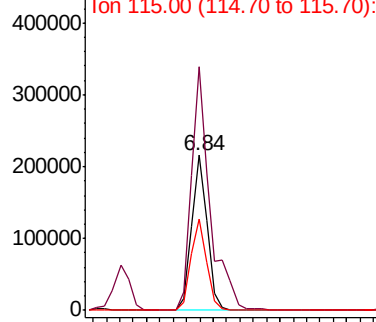


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

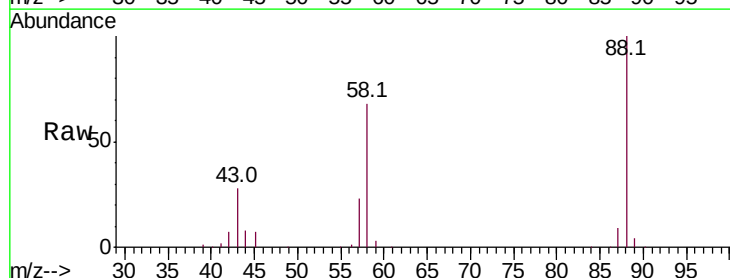
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 47.911 ng
RT: 2.57 min Scan# 82
Delta R.T. -0.04 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	57.4	86.2
43	29.6	22.2	33.4

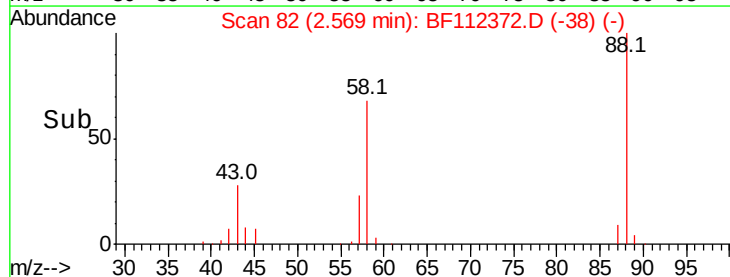
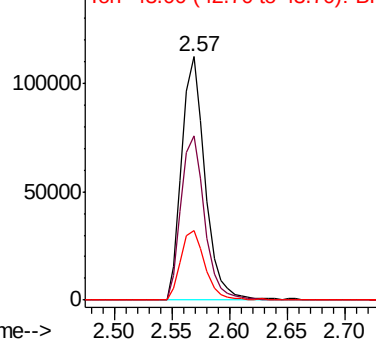


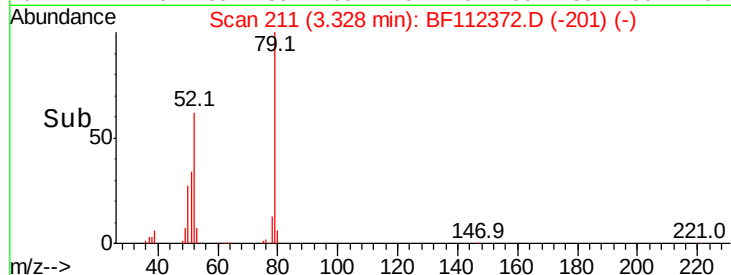
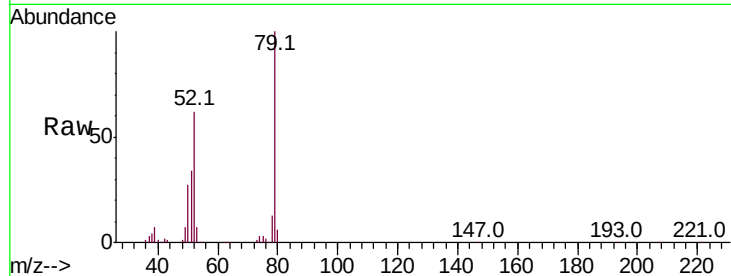
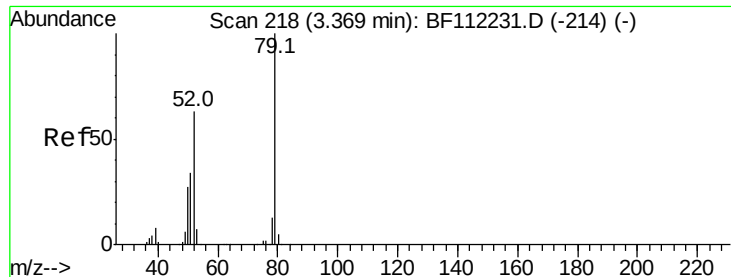
Abundance

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





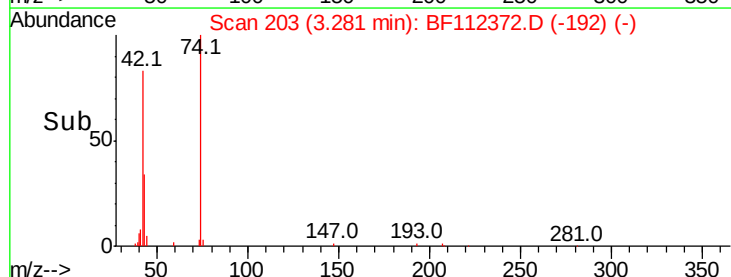
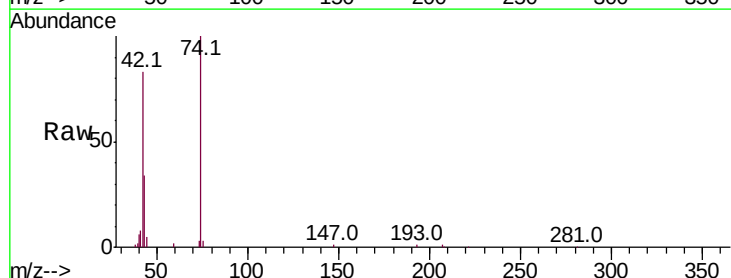
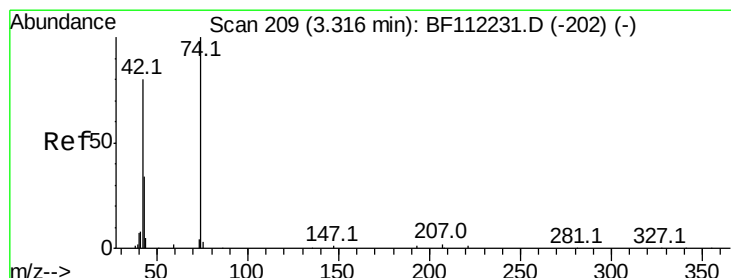
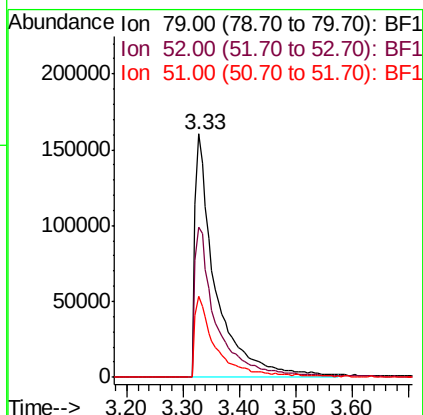
#3
Pvridine
Concen: 47.871 ng
RT: 3.33 min Scan# 211
Delta R.T. -0.04 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.5	52.4	78.6
51	33.5	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

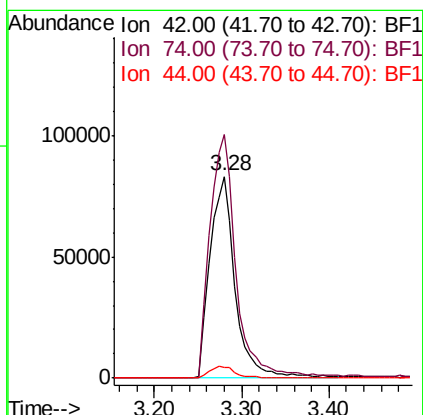
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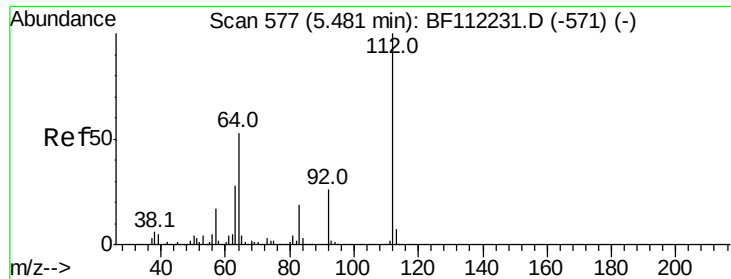
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#4
n-Nitrosodimethylamine
Concen: 46.793 ng
RT: 3.28 min Scan# 203
Delta R.T. -0.04 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.6	105.6	158.4
44	5.6	5.4	8.2





#5

2-Fluorophenol

Concen: 92.354 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

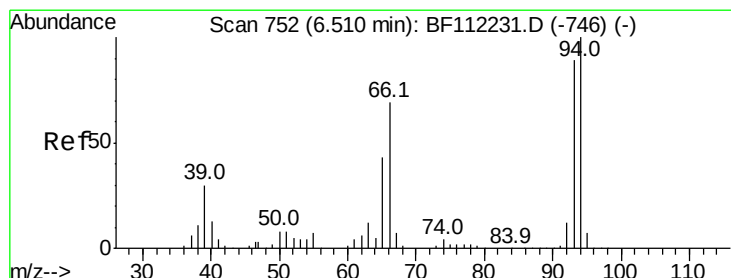
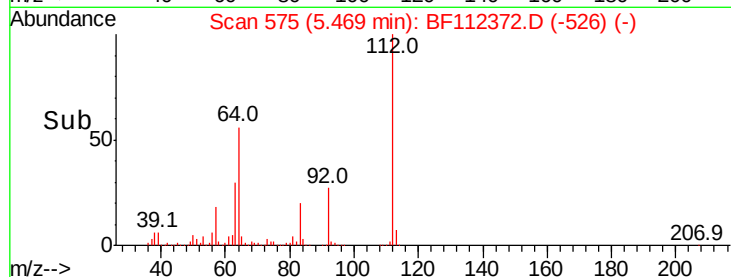
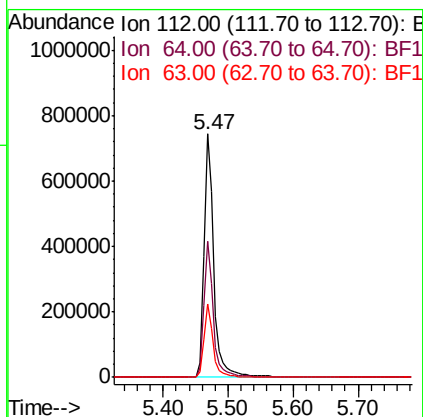
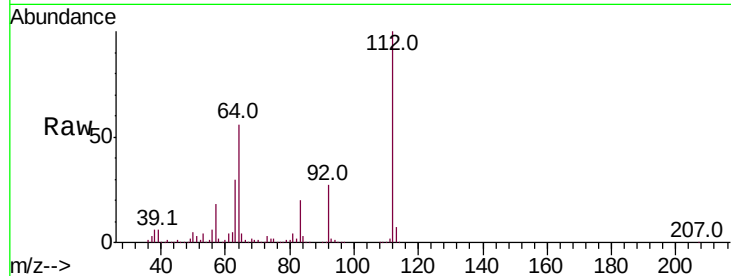
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	773621		
64	55.9	45.7	68.5	
63	30.2	23.6	35.4	

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#6

Aniline

Concen: 40.175 ng

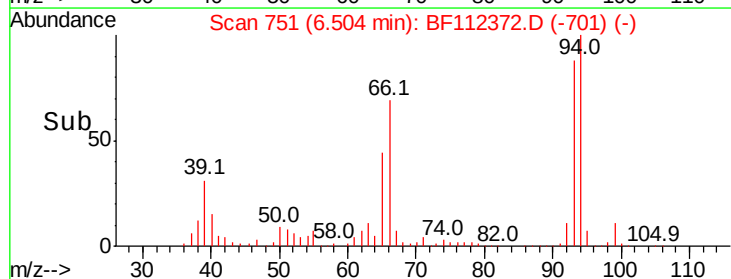
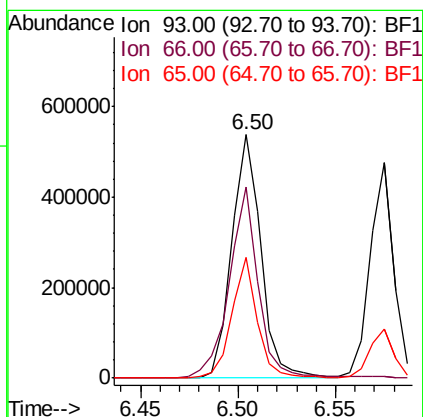
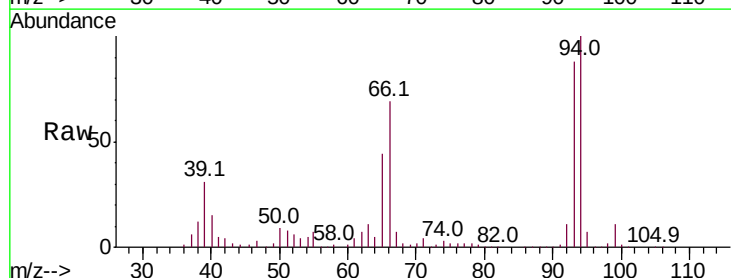
RT: 6.50 min Scan# 751

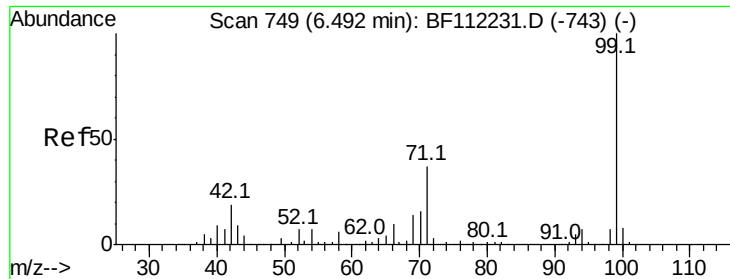
Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	556288		
66	78.7	43.4	65.2#	
65	49.7	25.3	37.9#	





#7

Phenol-d6

Concen: 79.655 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

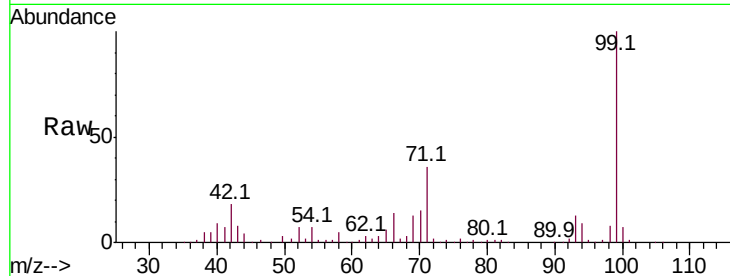
ClientSampleId :

SSTDCCC040

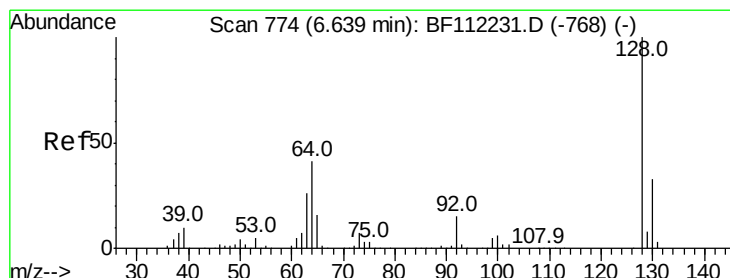
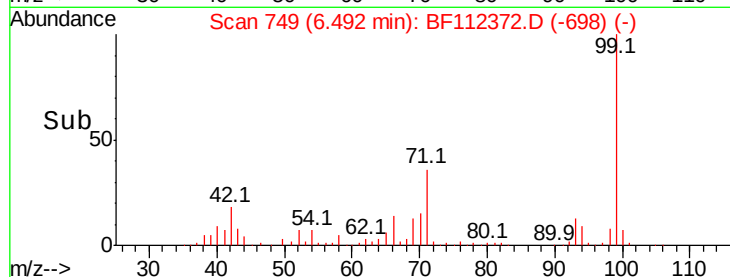
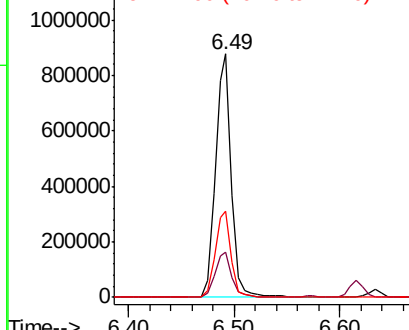
Tot Ion:	99	Resp:	927175
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.1	22.7
71	35.6	26.9	40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.617 ng

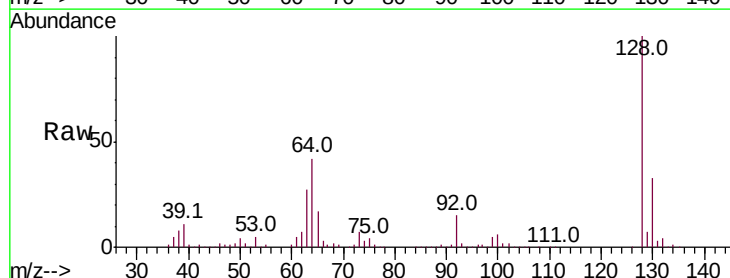
RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

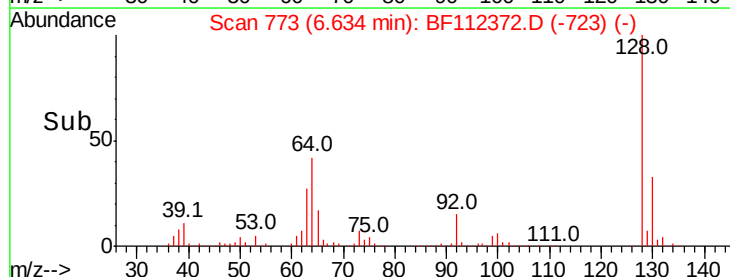
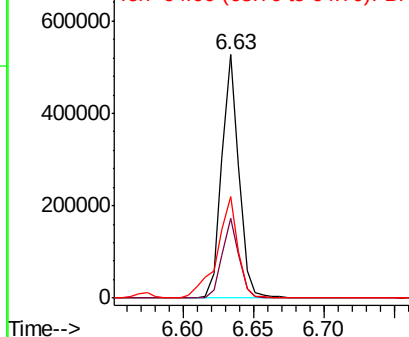
Lab File: BF112372.D

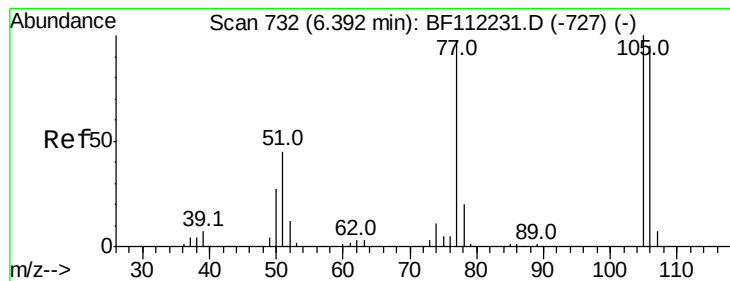
Acq: 4 Feb 2019 9:39

Tgt Ion:	128	Resp:	446435
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.4	53.4
64	41.5	20.5	60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.847 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

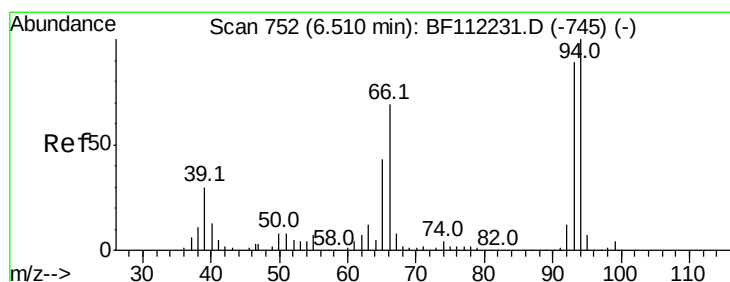
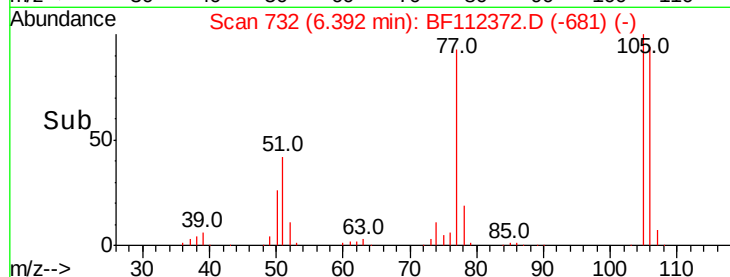
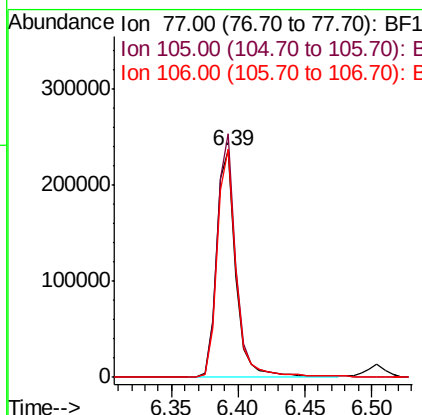
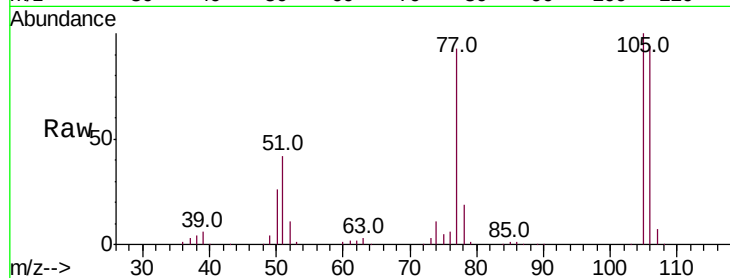
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	242425
Ion	Ratio	Lower	Upper
77	100		
105	107.6	80.8	120.8
106	100.9	75.7	115.7

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#10

Phenol

Concen: 39.496 ng

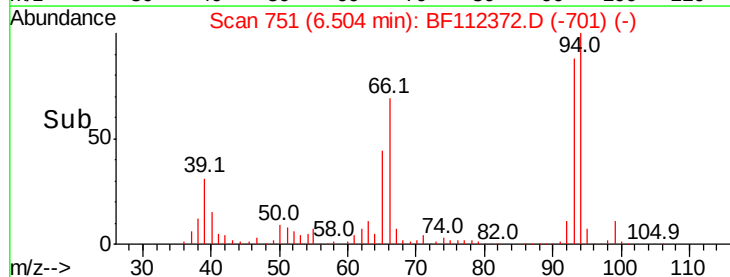
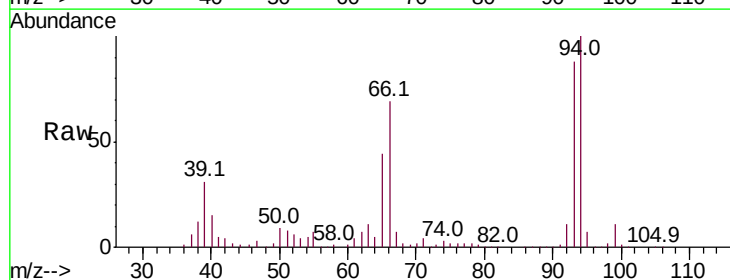
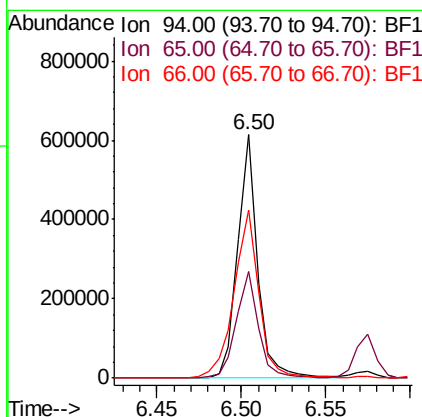
RT: 6.50 min Scan# 751

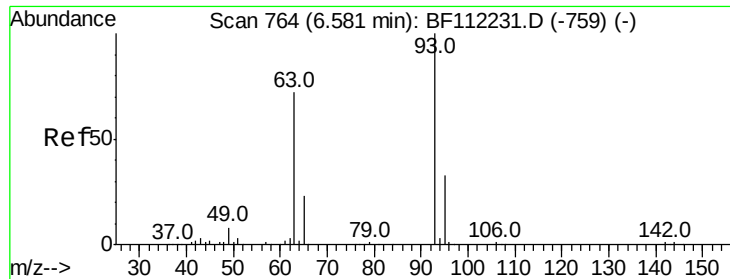
Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion:	94	Resp:	504371
Ion	Ratio	Lower	Upper
94	100		
65	43.5	20.3	60.3
66	69.0	42.4	82.4





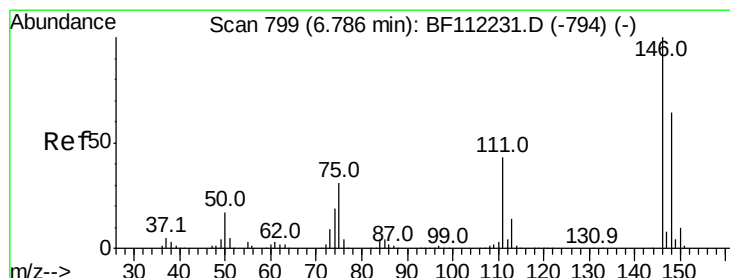
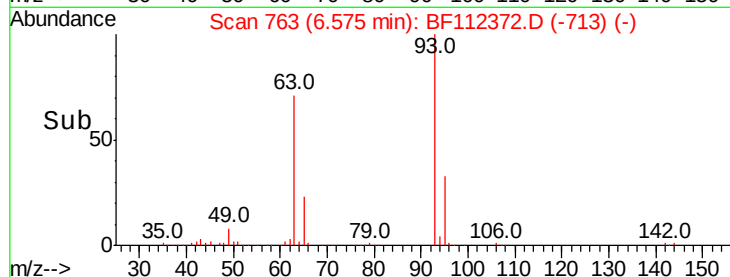
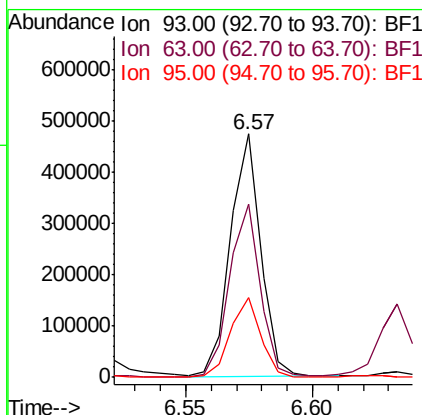
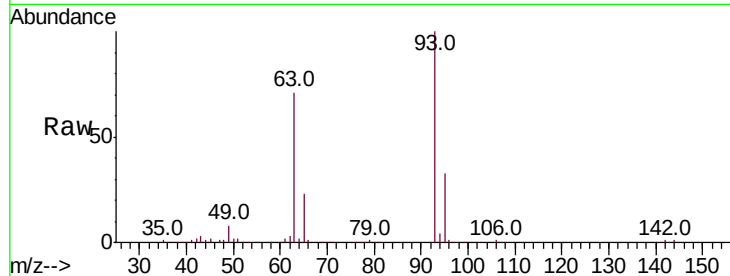
#11
bis(2-Chloroethyl)ether
Concen: 39.053 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	53.3	93.3
95	32.8	13.4	53.4

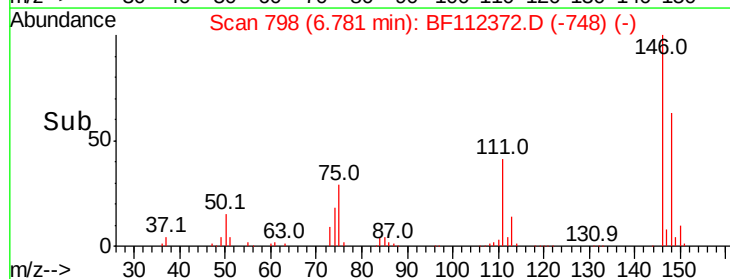
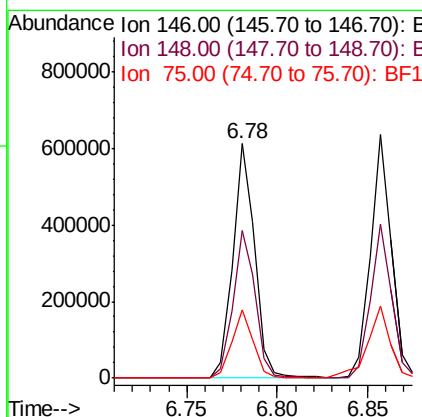
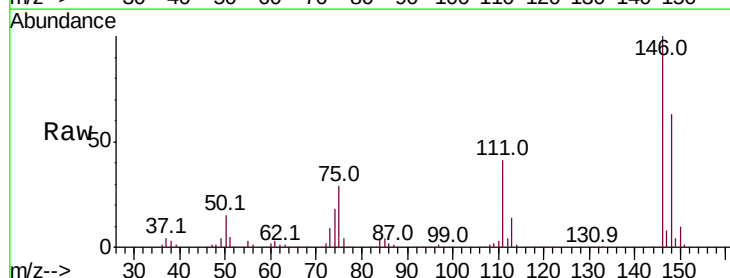
Manual Integrations
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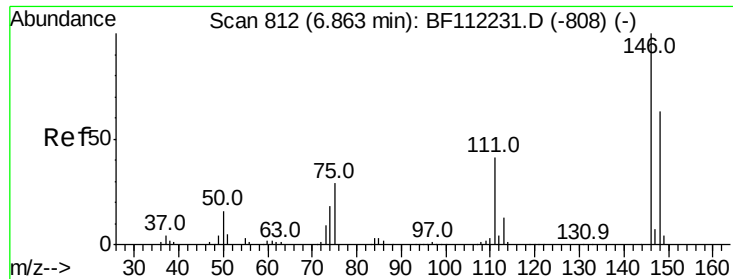
mohammad
2/5/2019 8:42:30 AM



#12
1,3-Dichlorobenzene
Concen: 39.149 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	29.1	23.1	34.7





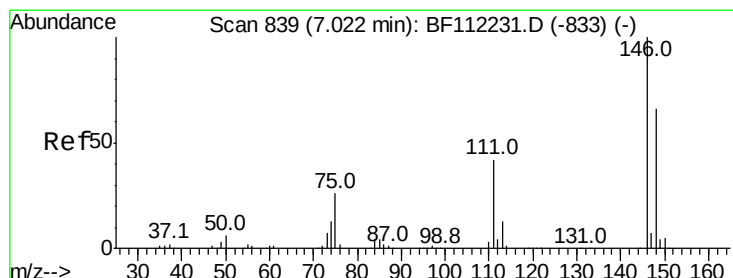
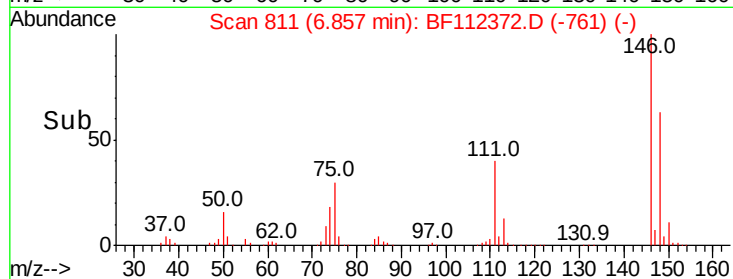
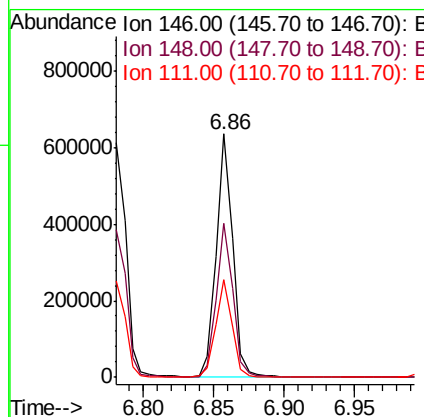
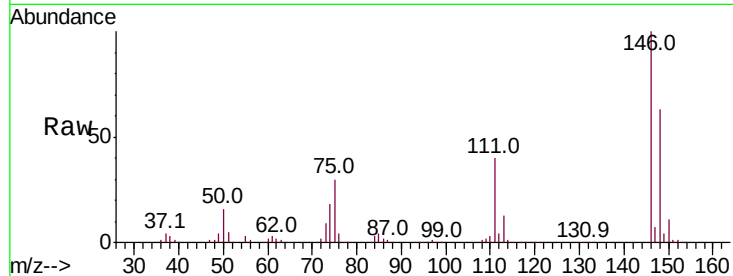
#13
 1,4-Dichlorobenzene
 Concen: 38.245 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.0	78.0
111	40.3	31.2	46.8

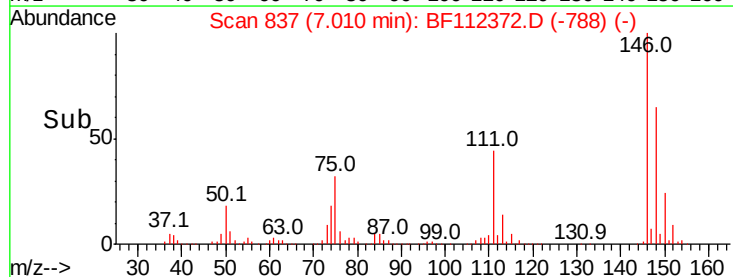
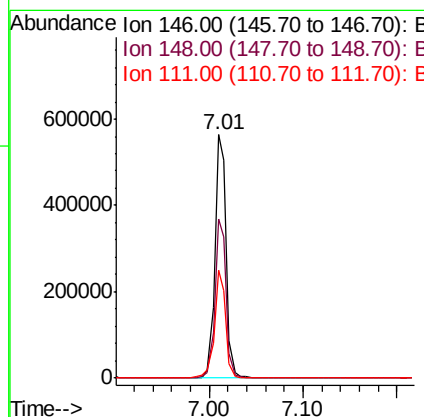
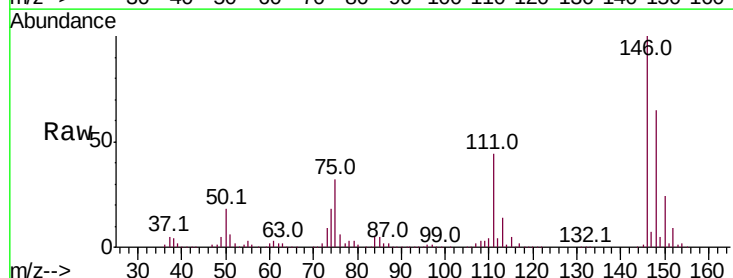
Manual Integrations
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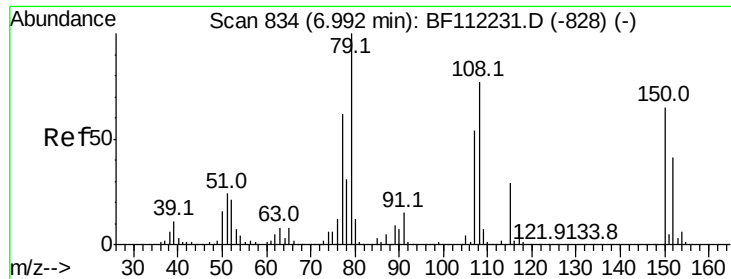
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.398 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	44.4	31.2	46.8





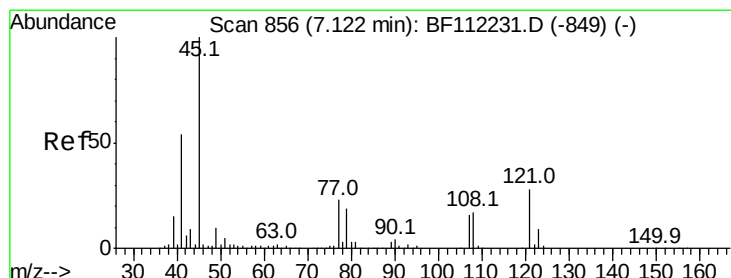
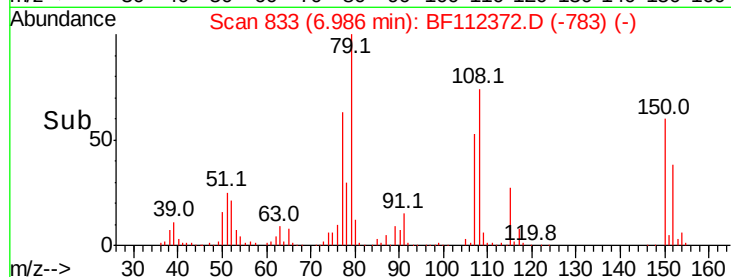
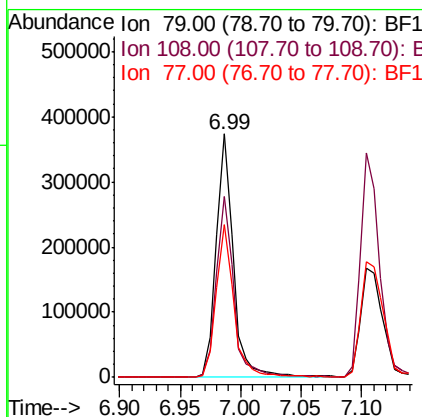
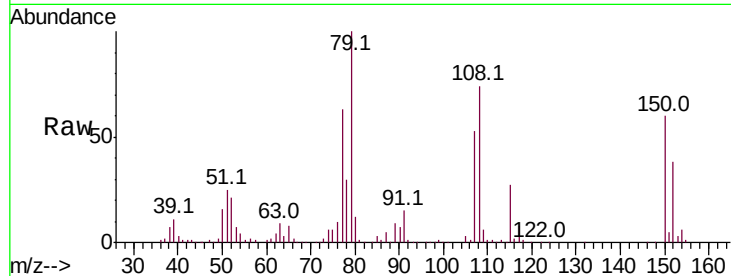
#15
Benzyl Alcohol
Concen: 37.313 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.5	64.2	96.2
77	62.8	50.3	75.5

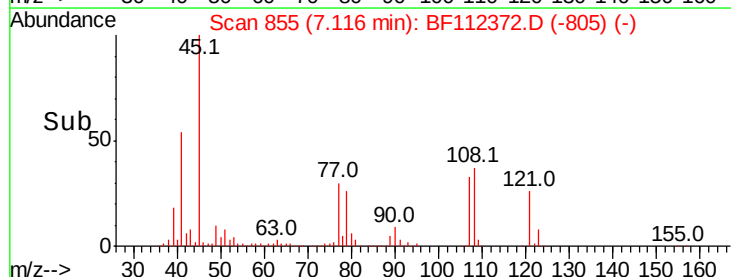
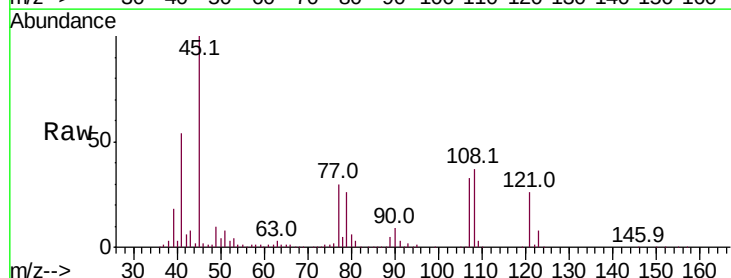
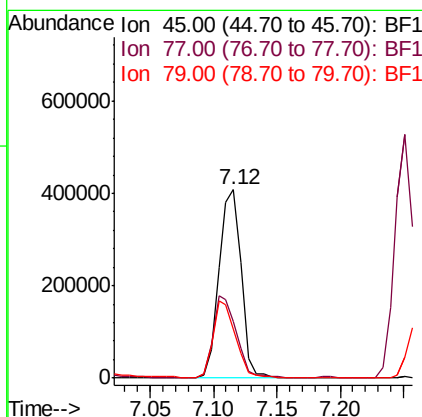
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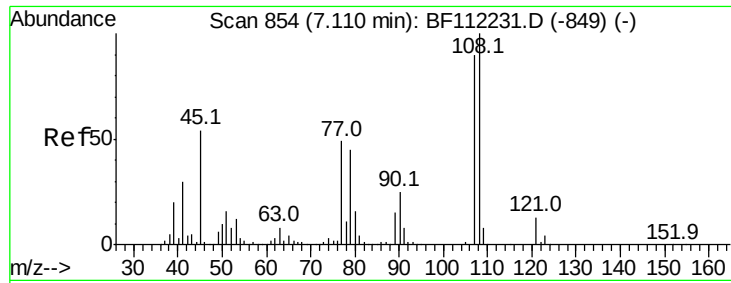
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.733 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.8	0.0	36.9
79	25.7	0.0	34.0





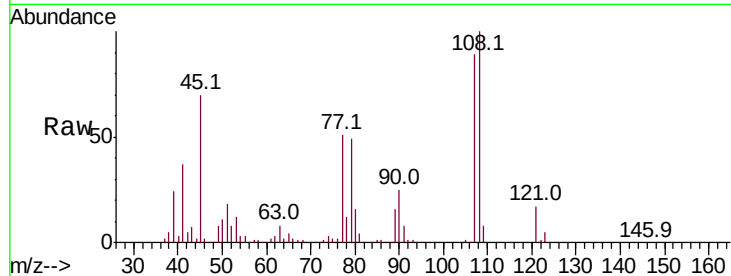
#17
2-Methylphenol
Concen: 36.939 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	91.3	136.9	
77	57.6	39.0	58.6	
79	54.6	37.0	55.4	

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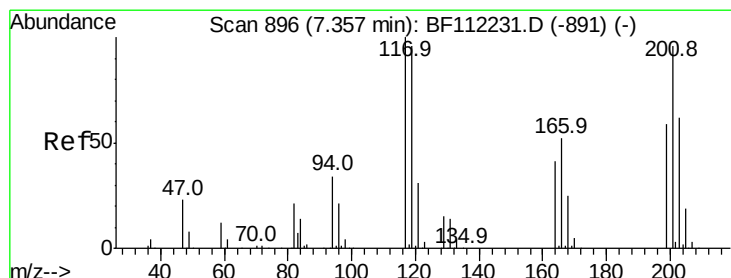
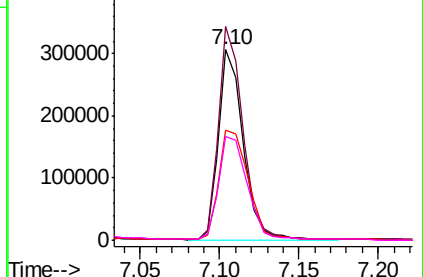
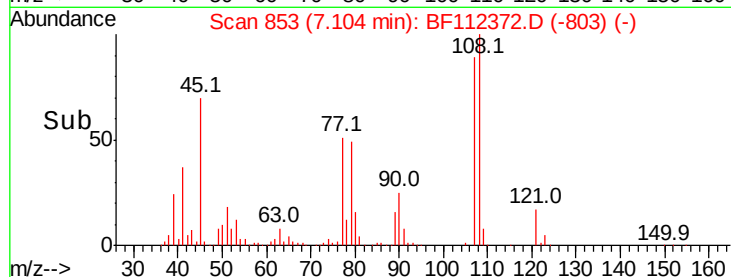
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

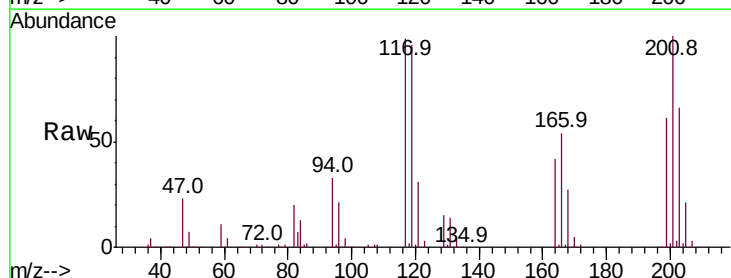
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.355 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	77.0	115.4	
201	101.2	74.1	111.1	

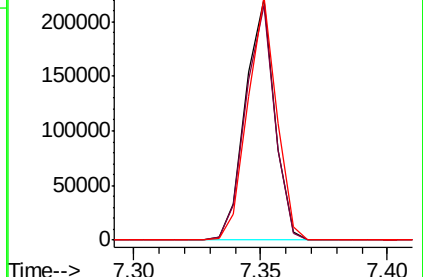
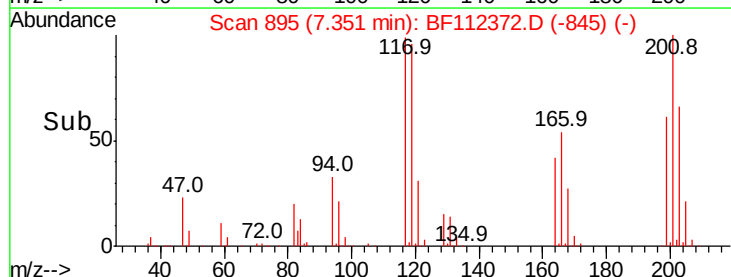


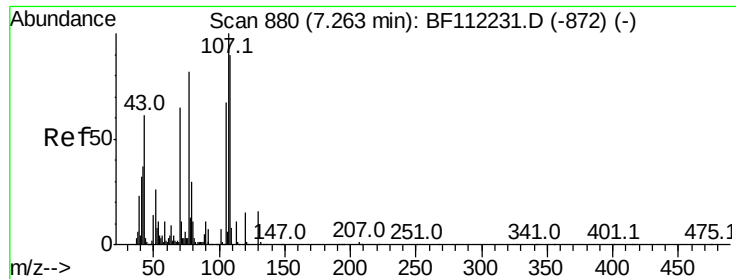
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





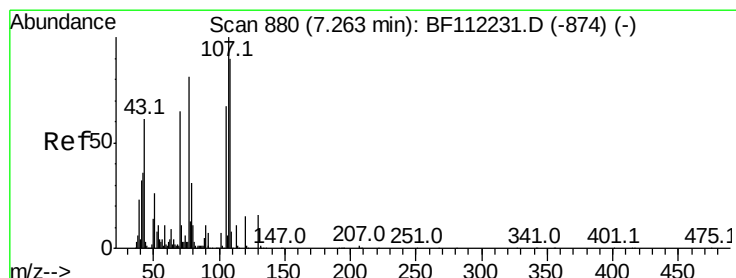
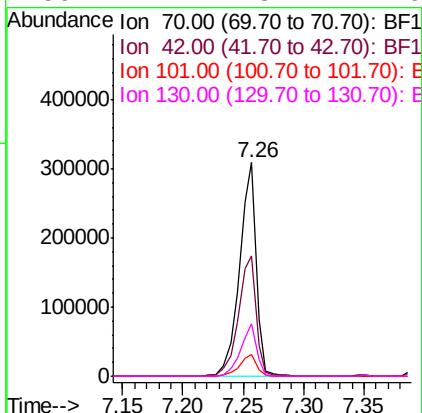
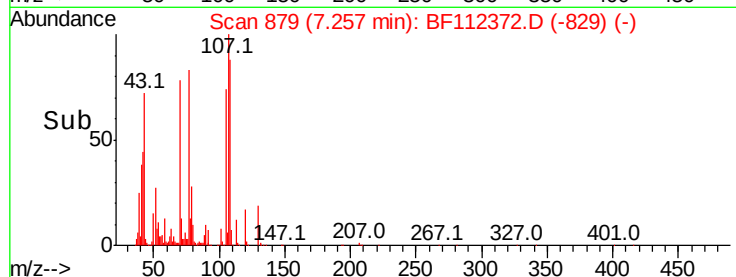
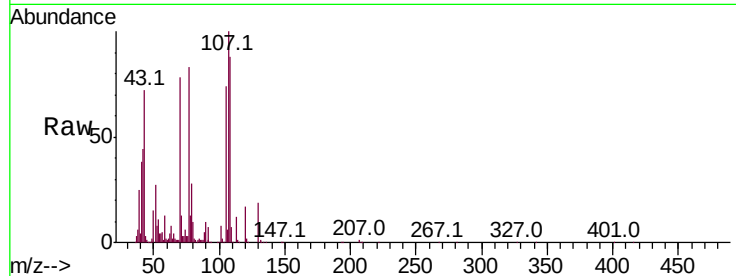
#19
n-Nitroso-di-n-propylamine
Concen: 37.469 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.6	71.4
101	10.1	7.9	11.9
130	24.4	18.4	27.6

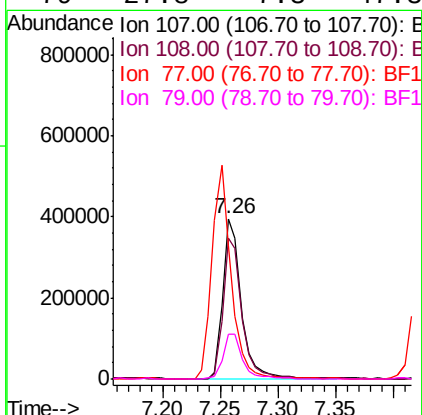
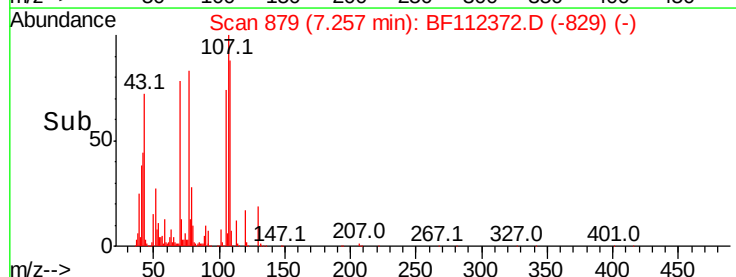
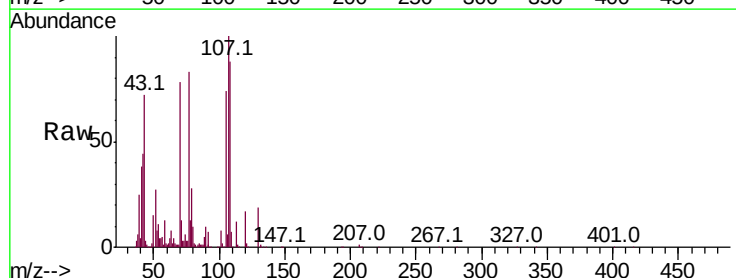
Manual Integrations
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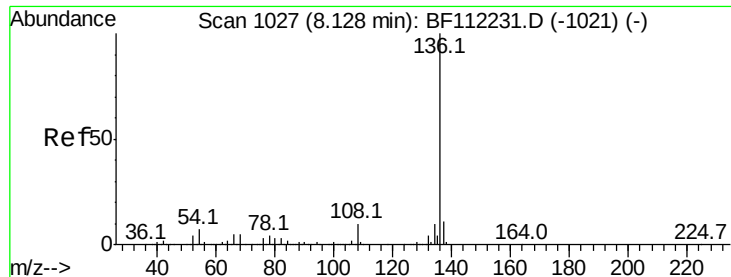
mohammad
2/5/2019 8:42:30 AM



#20
3+4-Methylphenols
Concen: 38.354 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	83.2	100.7	140.7#
79	27.8	7.3	47.3





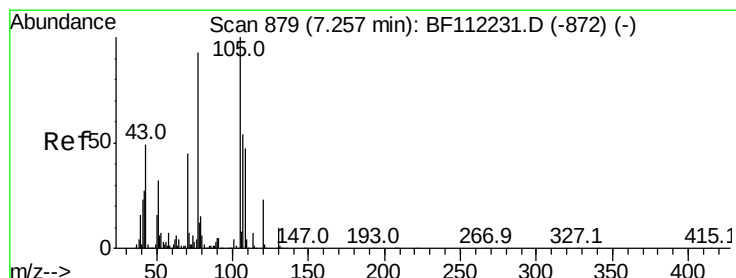
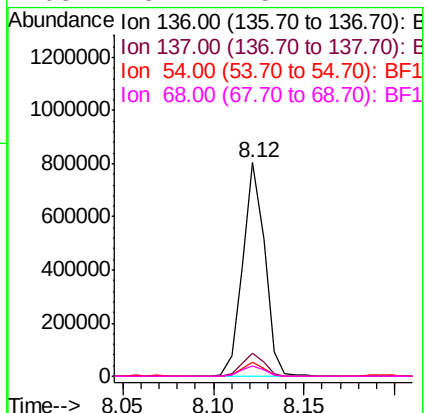
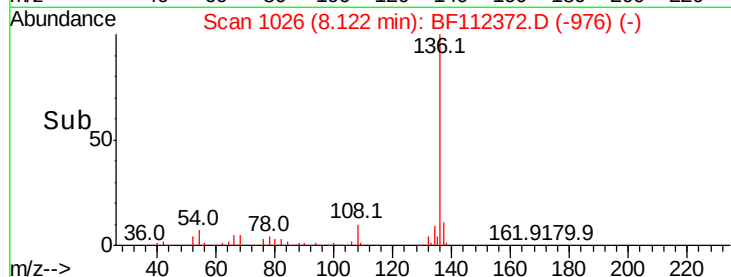
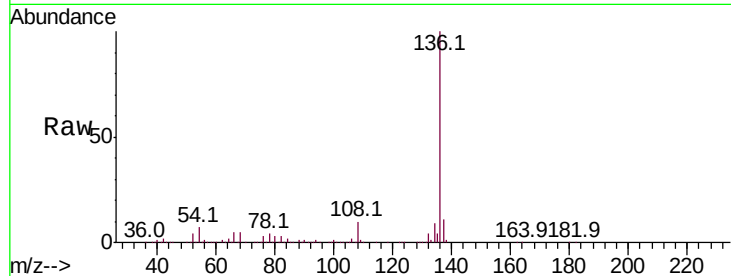
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		681262		
137	10.8	9.1	13.7		
54	6.6	5.9	8.9		
68	5.1	5.1	7.7#		

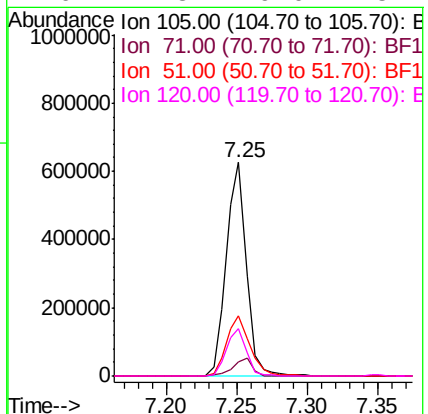
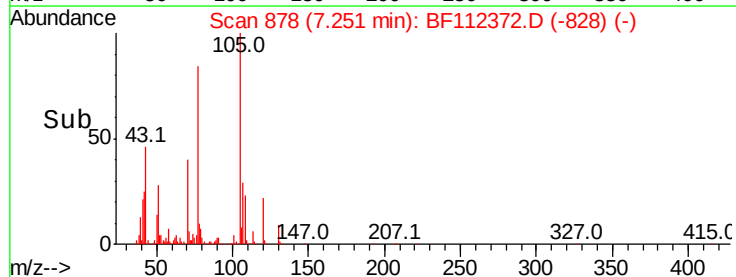
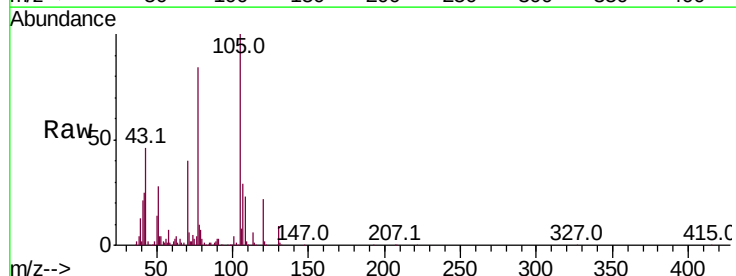
Manual Integrations
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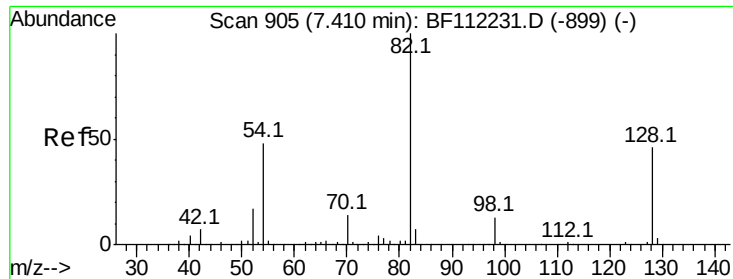
mohammad
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#22
Acetophenone
Concen: 37.306 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		618870		
71	6.5	4.6	6.8		
51	28.1	25.0	37.6		
120	22.3	19.0	28.4		





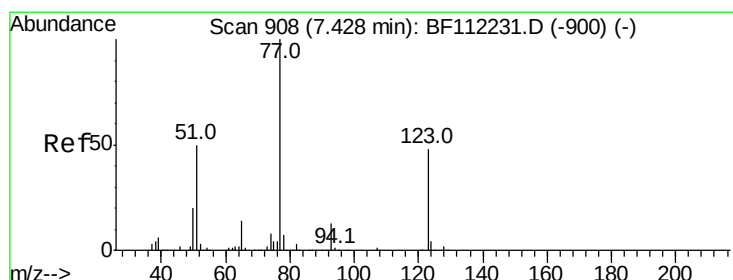
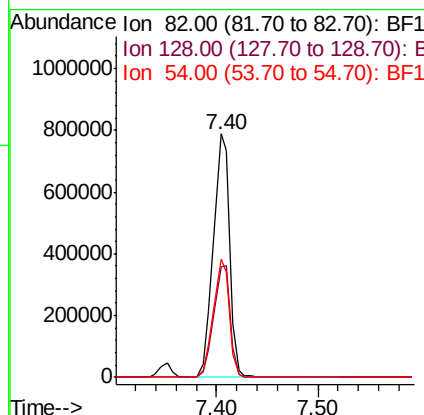
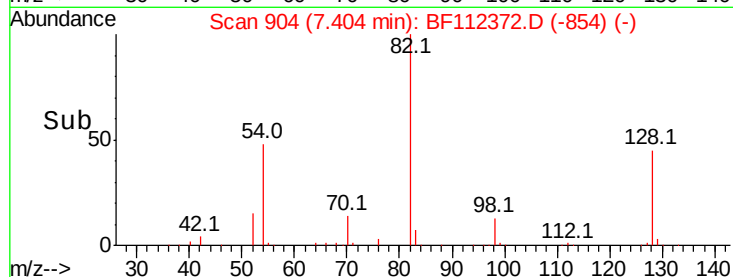
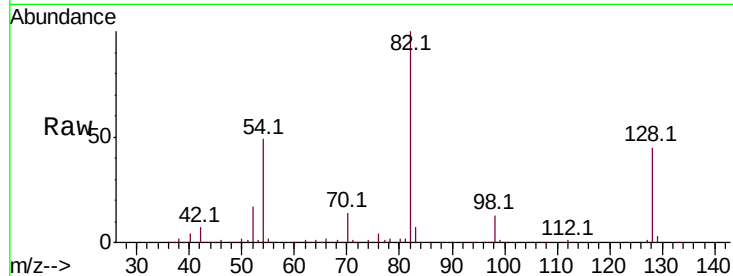
#23
Nitrobenzene-d5
Concen: 75.018 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.8	56.8
54	48.8	39.7	59.5

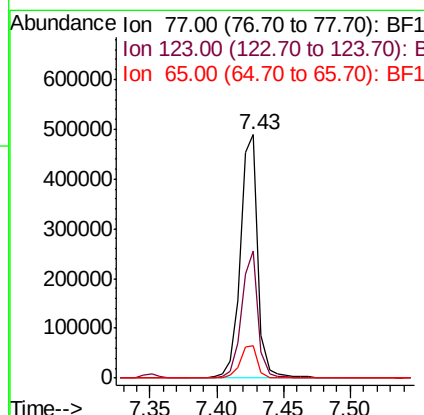
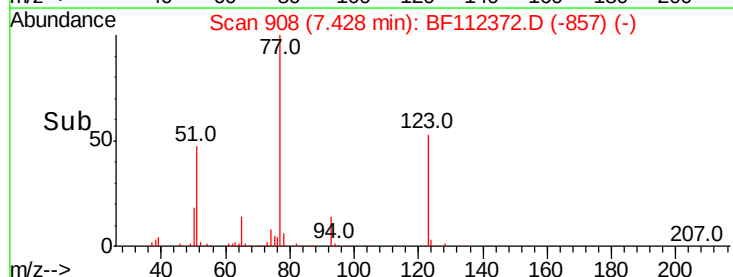
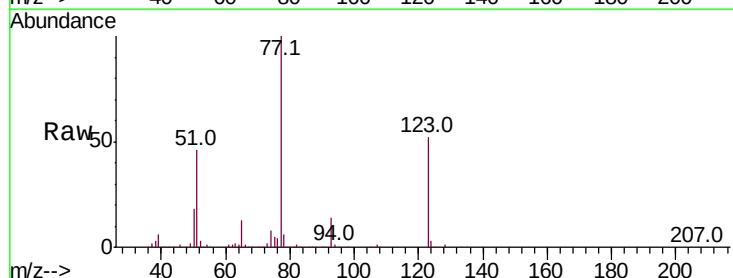
Manual Integrations
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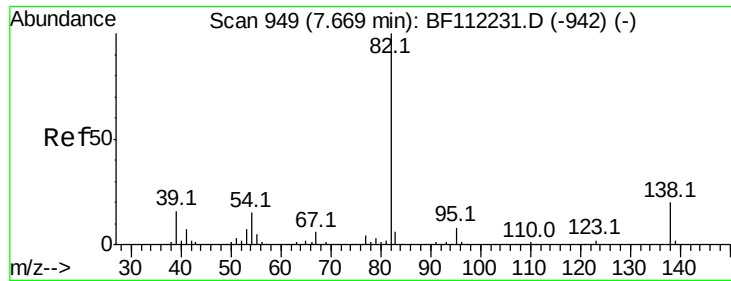
mohammad
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#24
Nitrobenzene
Concen: 37.467 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.1	38.4	57.6
65	13.5	10.6	15.8





#25

Isophorone

Concen: 37.391 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

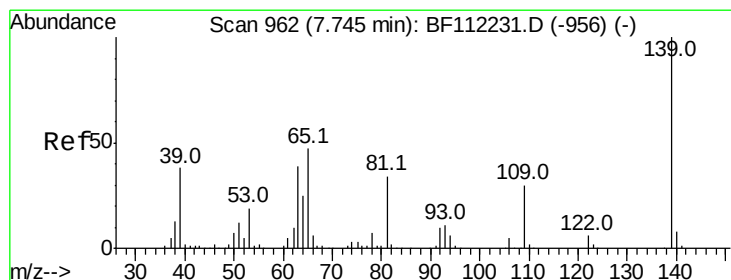
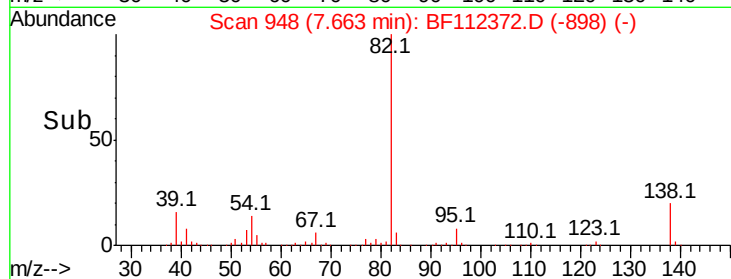
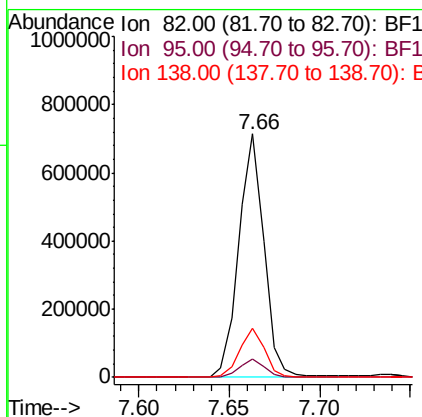
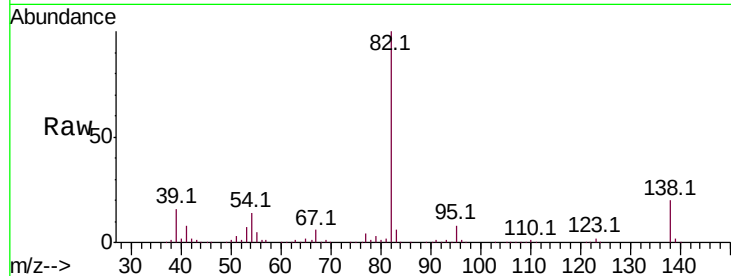
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	693552
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.7	8.5
138	20.4	15.4	23.0

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#26

2-Nitrophenol

Concen: 37.576 ng

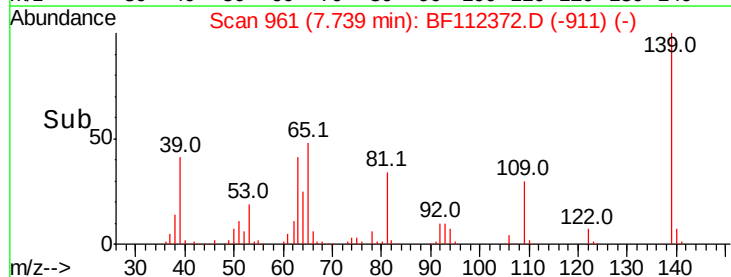
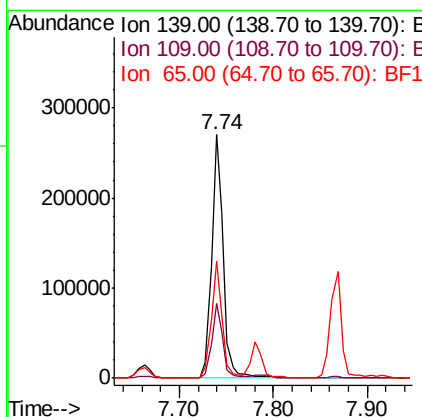
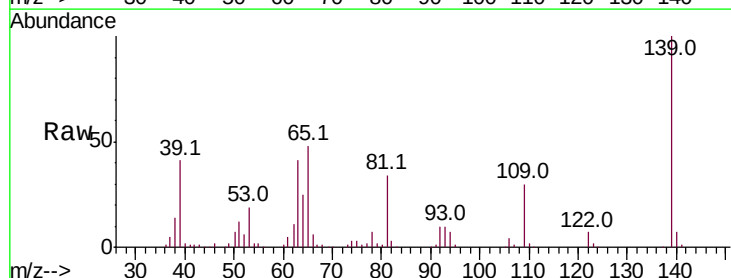
RT: 7.74 min Scan# 961

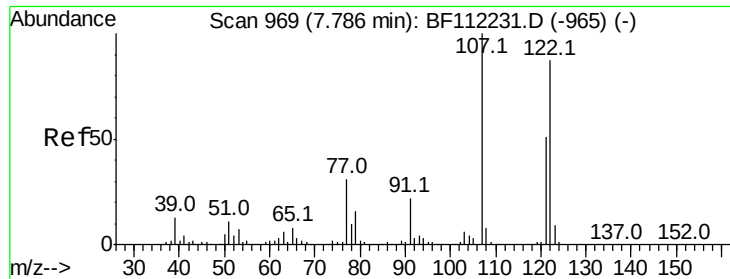
Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion:	139	Resp:	237121
Ion Ratio	Lower	Upper	
139	100		
109	30.5	20.8	31.2
65	48.1	34.4	51.6





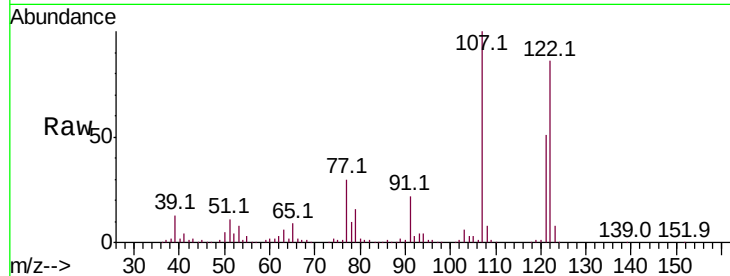
#27
2,4-Dimethylphenol
Concen: 38.104 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	85.4	128.0
121	59.4	47.0	70.4

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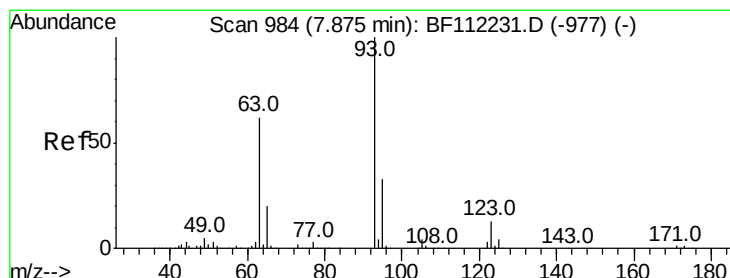
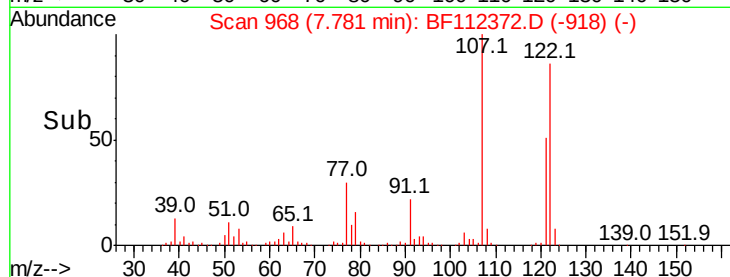
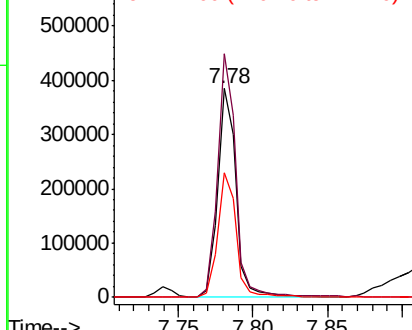


Abundance

Ion 122.00 (121.70 to 122.70): E

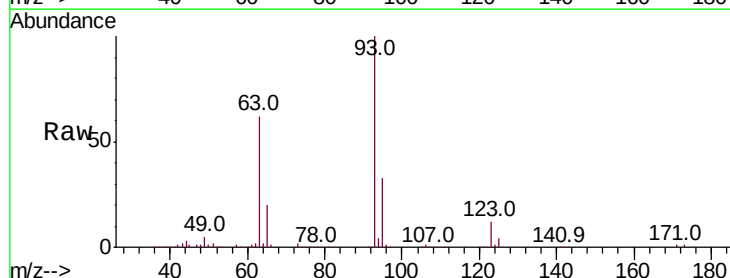
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.230 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	12.5	10.2	15.2

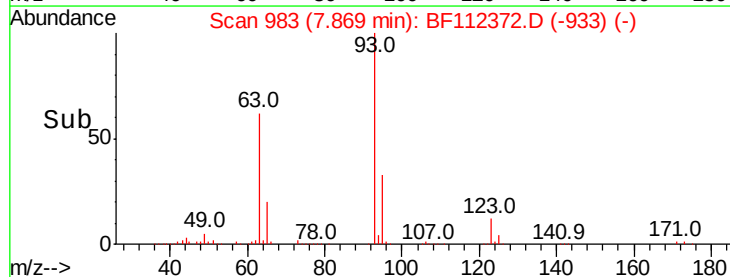
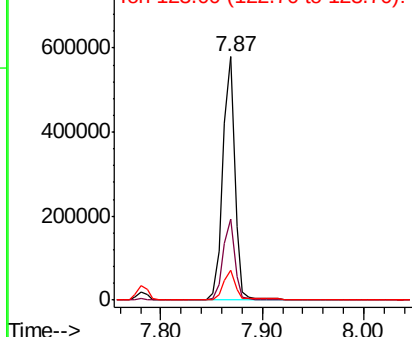


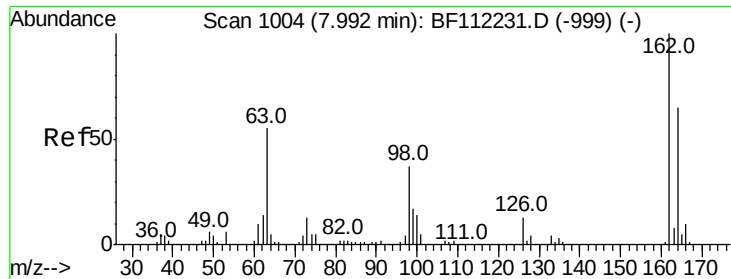
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





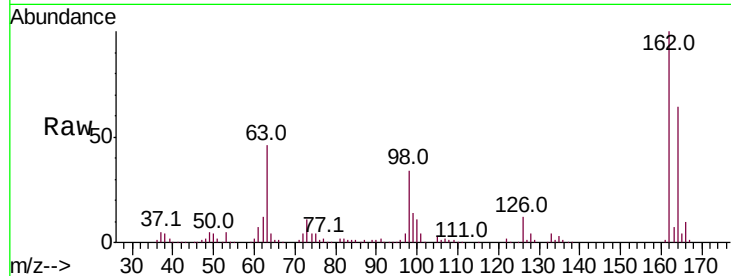
#29
 2,4-Dichlorophenol
 Concen: 39.151 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

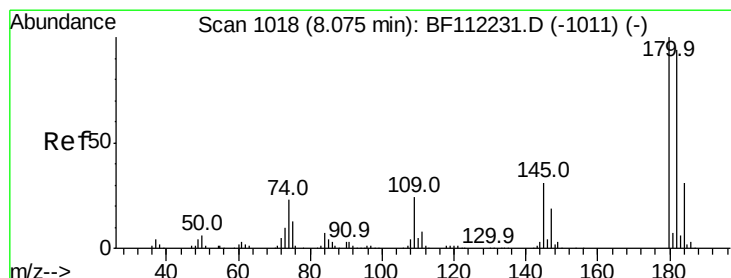
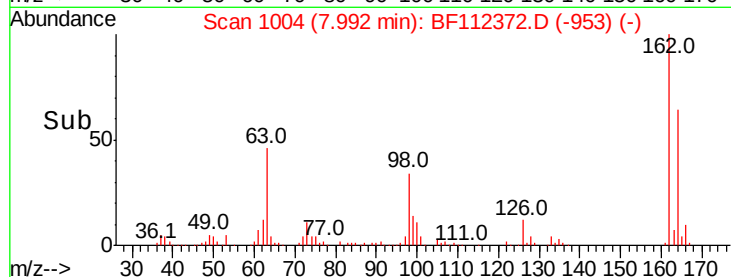
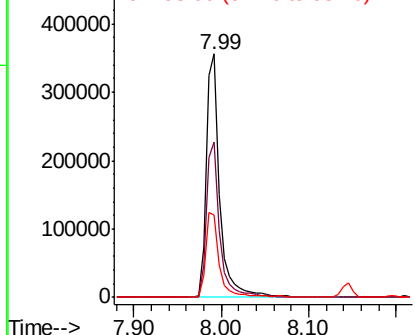
Tot Ion	Ratio	Resp	Lower	Upper
162	100	380925		
164	63.9		44.6	84.6
98	33.6		14.6	54.6

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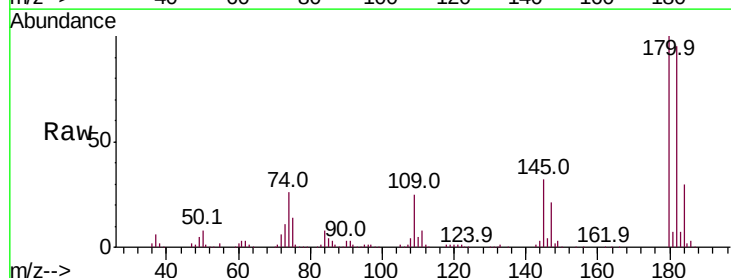


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

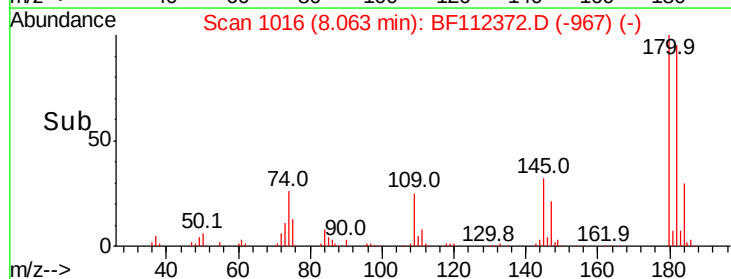
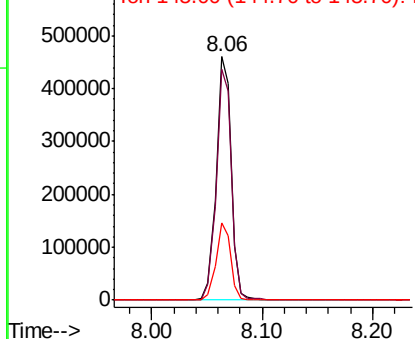


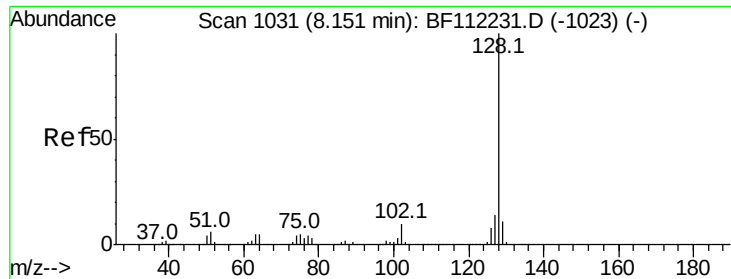
#30
 1,2,4-Trichlorobenzene
 Concen: 38.741 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	433270		
182	95.1		76.4	114.6
145	31.7		25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





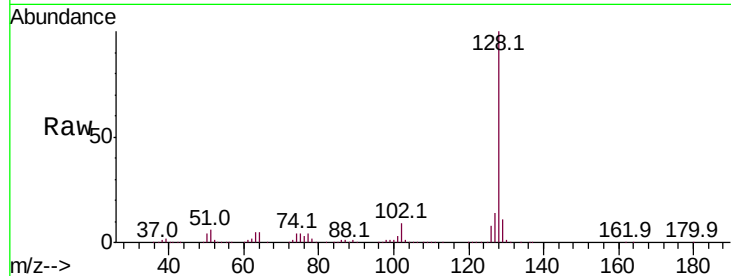
#31
Naphthalene
Concen: 37.518 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	13.8	11.1	16.7

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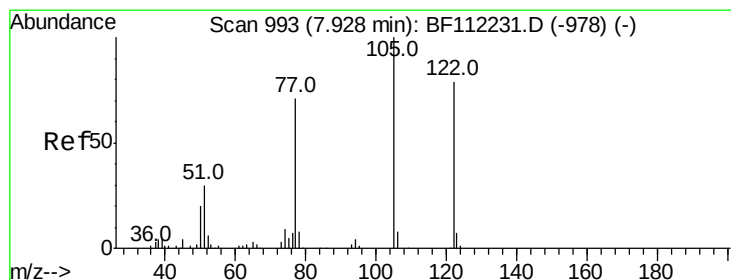
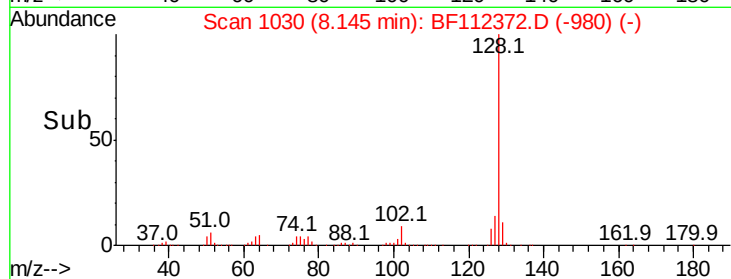
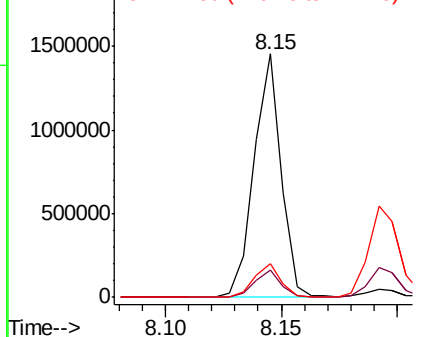


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.480 ng m
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

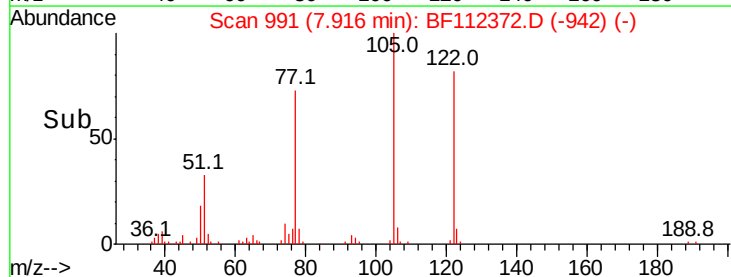
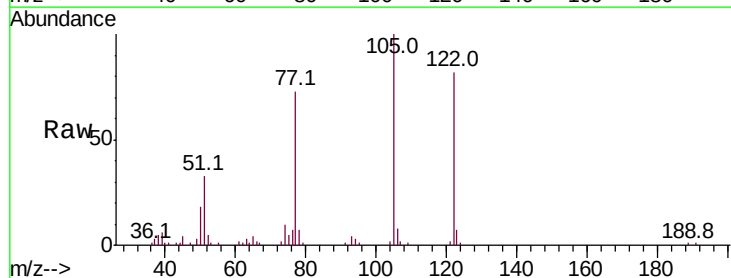
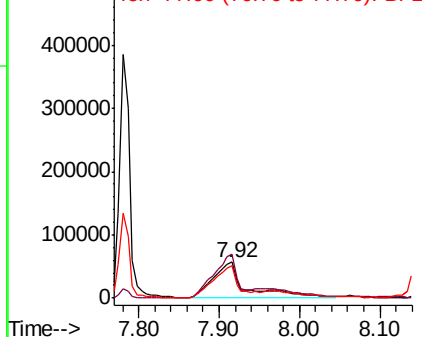
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	101.2	141.2
77	89.5	70.4	110.4

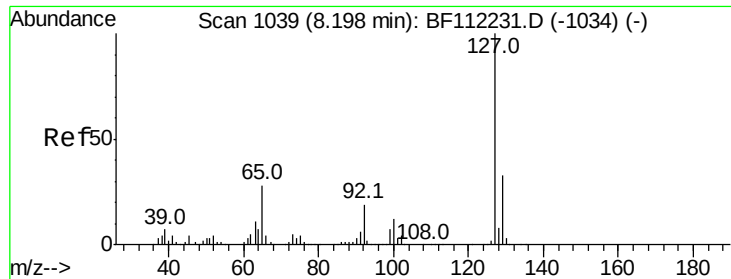
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





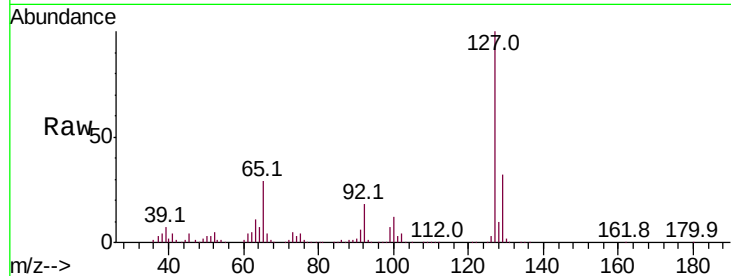
#33
4-Chloroaniline
Concen: 37.961 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.3	26.6	39.8
65	29.5	21.4	32.2
92	18.4	14.2	21.2

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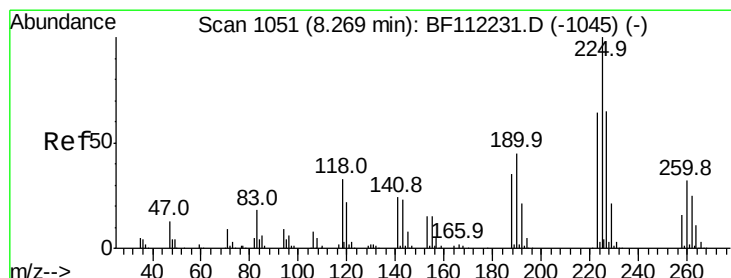
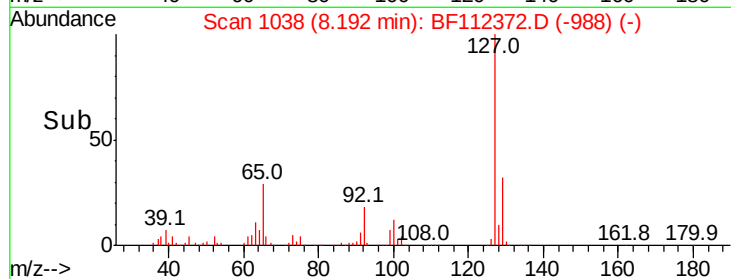
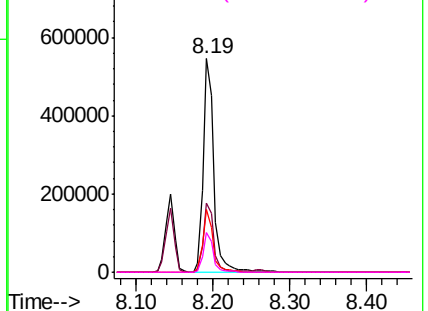
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.160 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

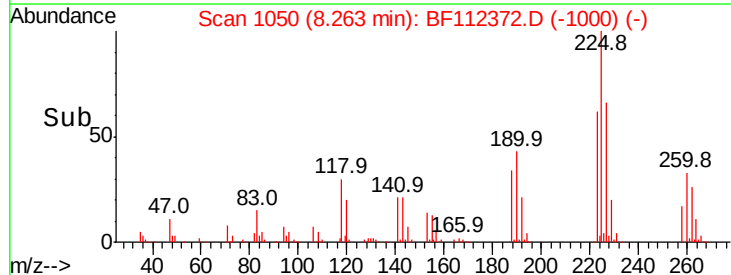
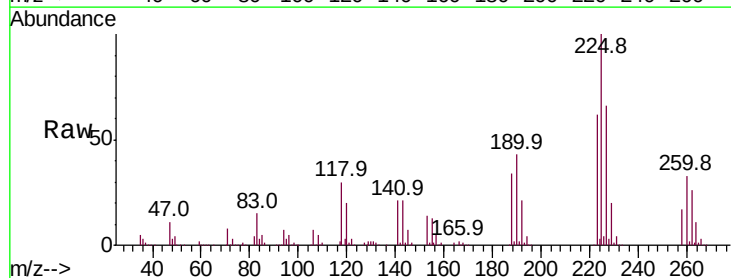
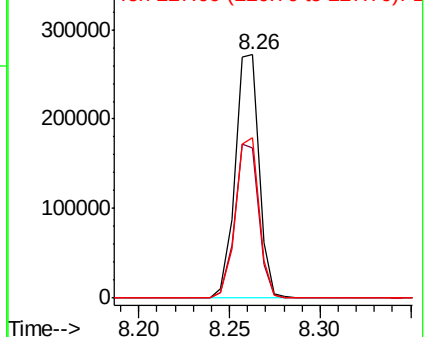
Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.8	50.3	75.5
227	65.7	51.8	77.8

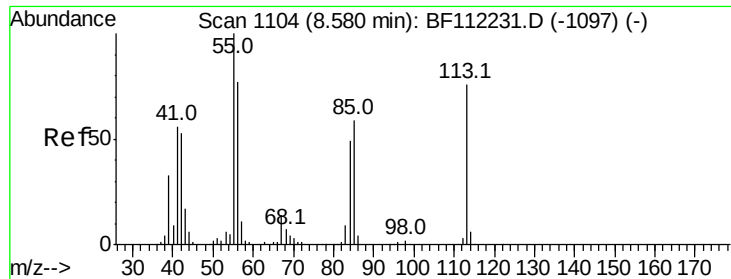
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





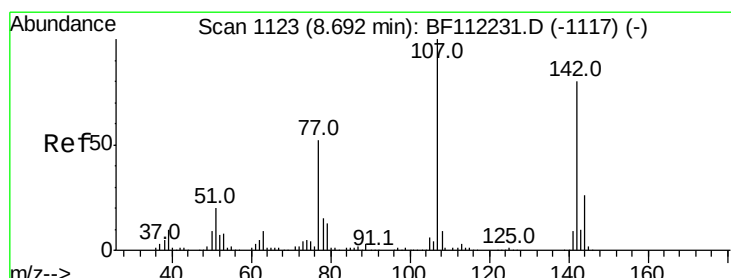
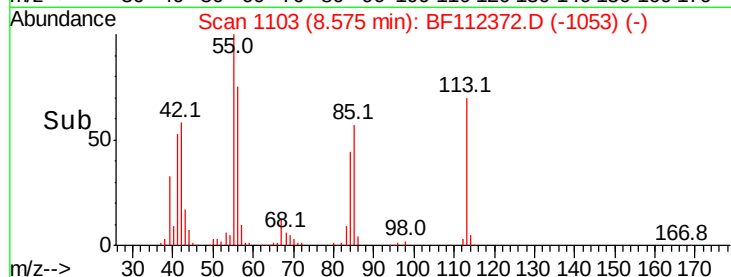
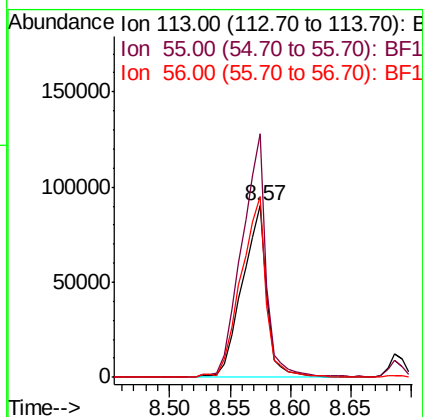
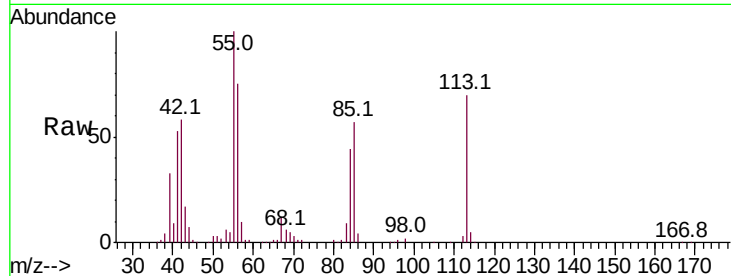
#35
 Caprolactam
 Concen: 37.321 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.0	121.6	161.6
56	105.8	86.7	126.7

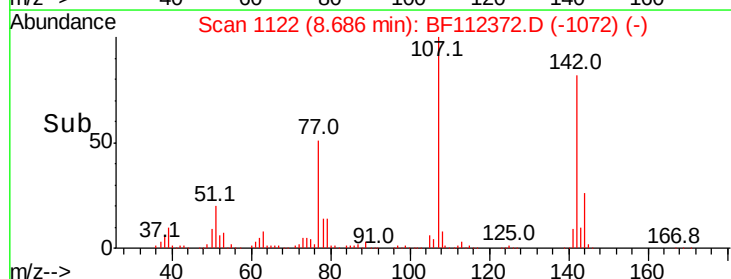
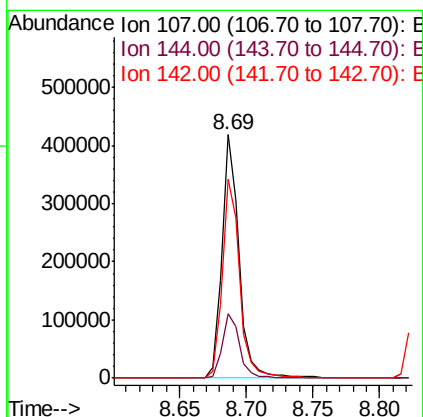
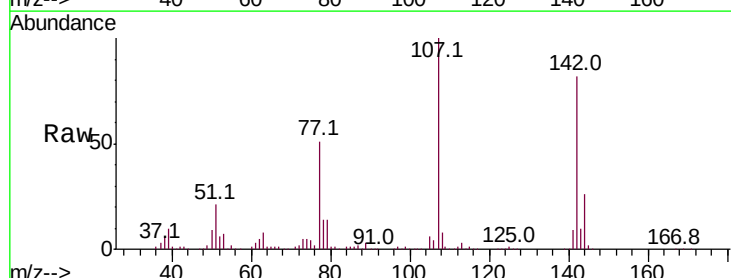
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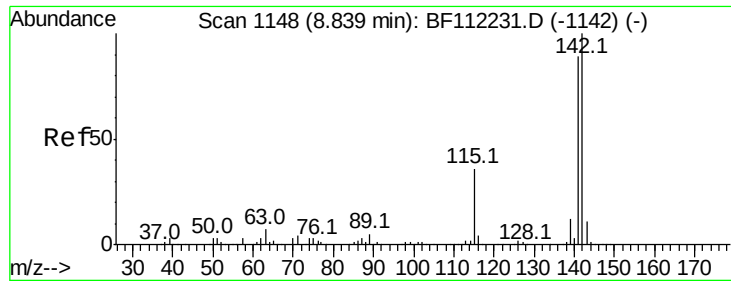
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#36
 4-Chloro-3-methylphenol
 Concen: 36.784 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	22.2	33.2
142	81.8	67.7	101.5





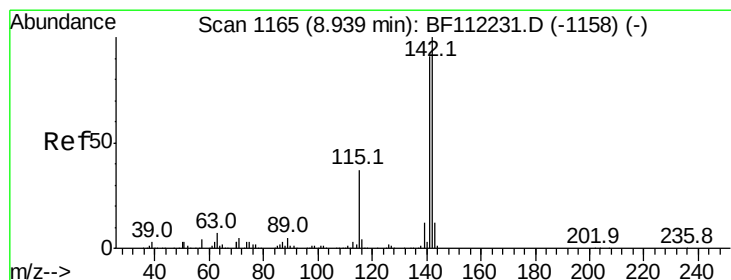
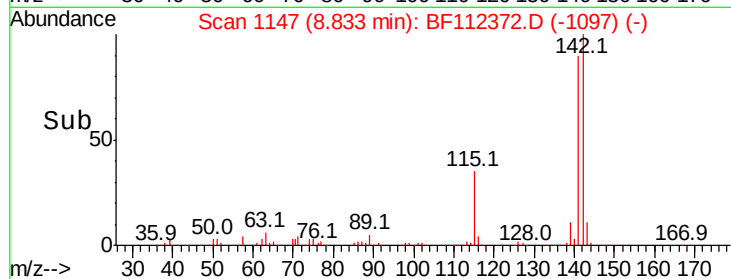
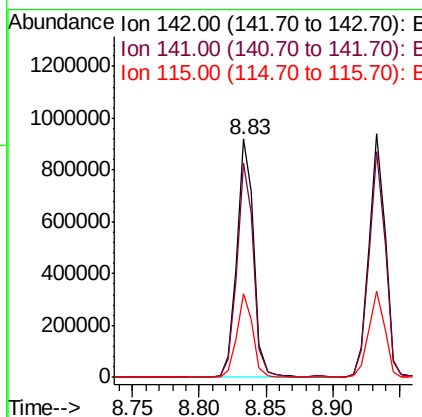
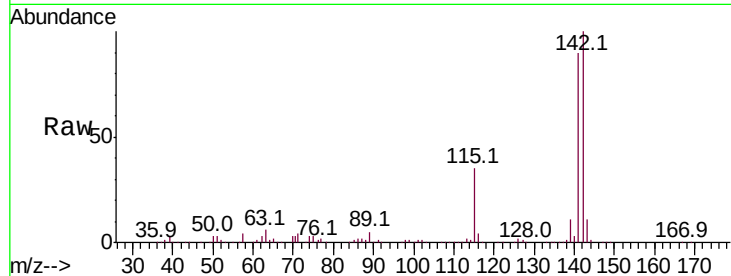
#37
2-Methylnaphthalene
Concen: 37.337 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	35.0	24.9	37.3

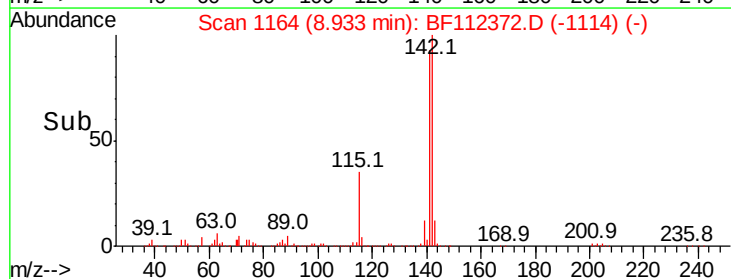
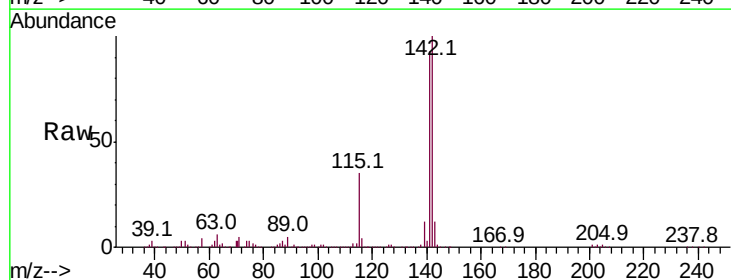
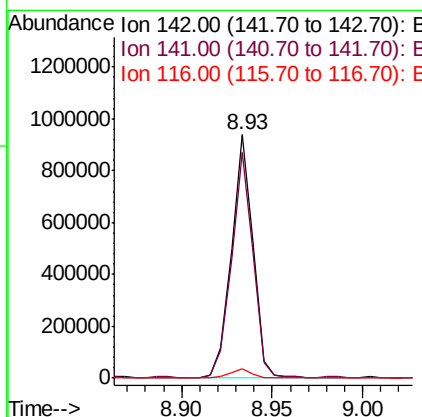
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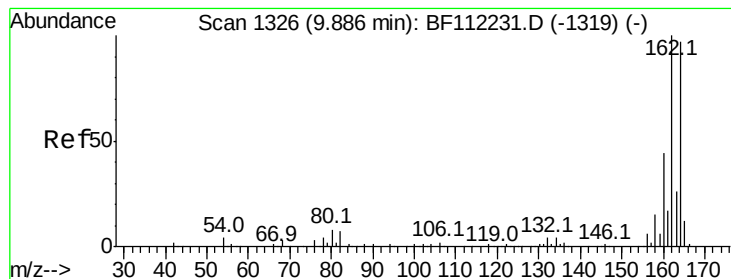
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#38
1-Methylnaphthalene
Concen: 36.997 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	72.6	108.8
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

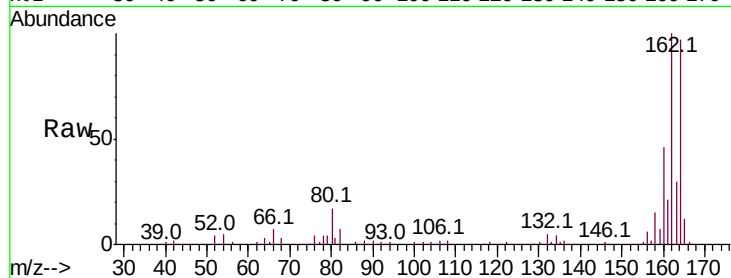
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	326793
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.2	123.4
160	47.1	36.2	54.4

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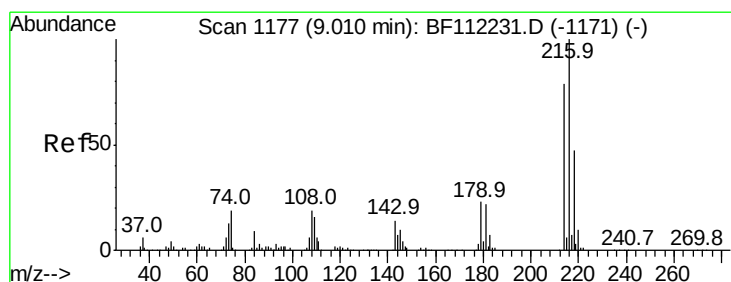
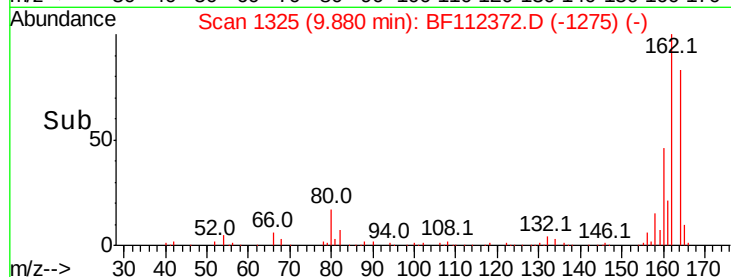
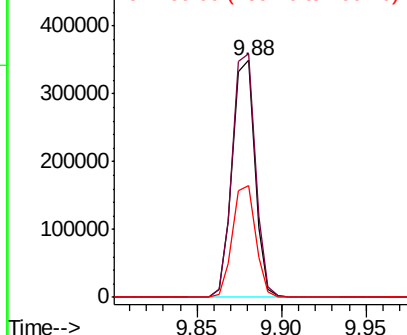


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.288 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion:	216	Resp:	421547
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.8	95.6
179	21.8	16.9	25.3
108	17.1	14.2	21.4

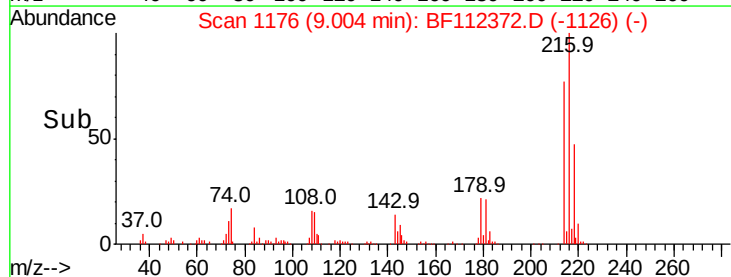
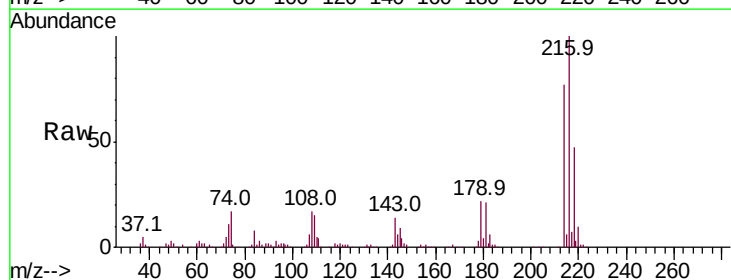
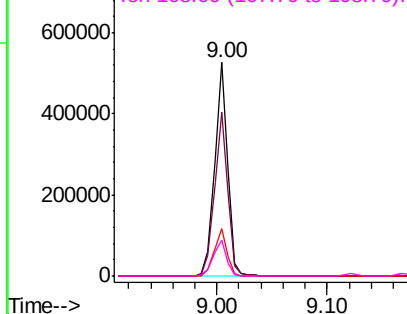
Abundance

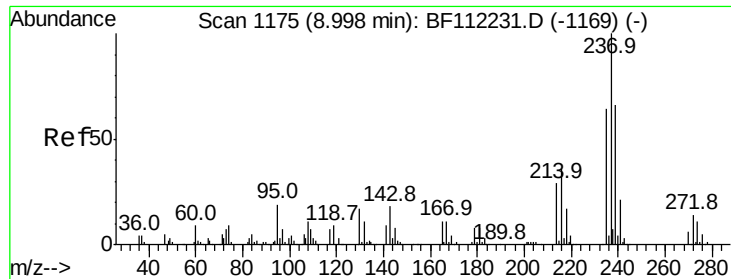
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





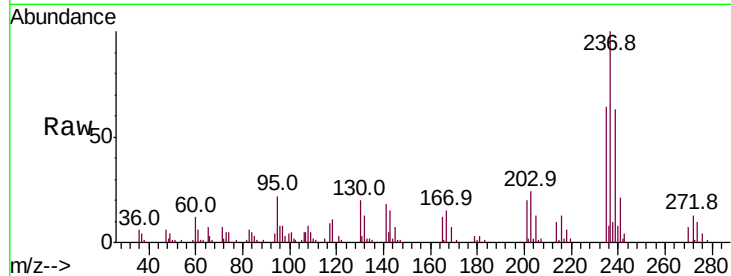
#41
Hexachlorocyclopentadiene
Concen: 15.654 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

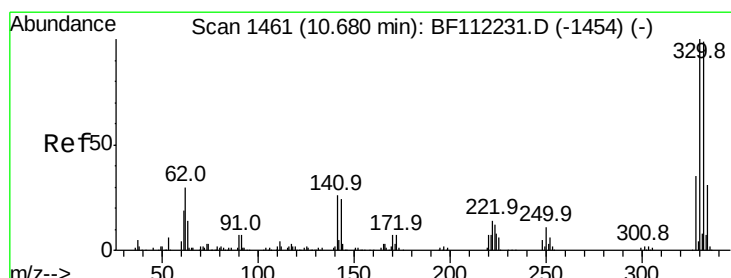
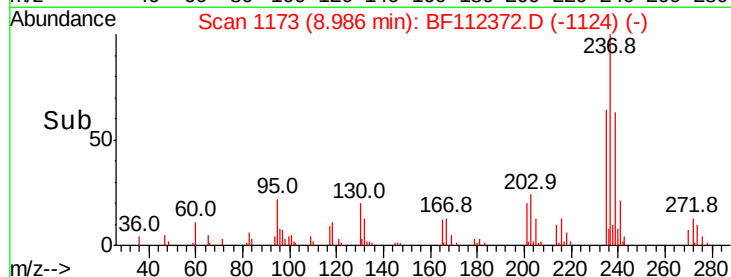
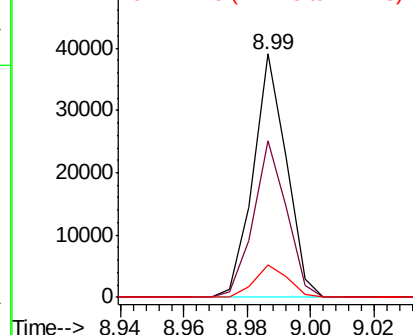
Tot Ion:	237	Resp:	28382
Ion Ratio	Lower	Upper	
237	100		
235	64.2	44.0	84.0
272	13.4	0.0	33.3

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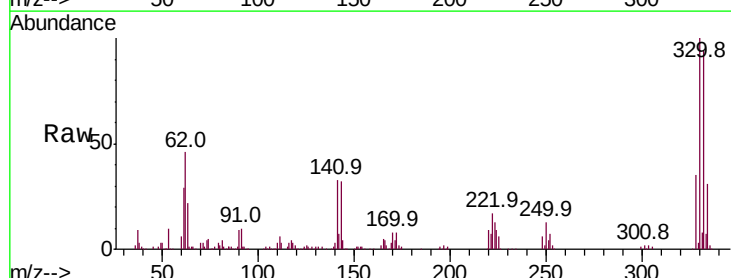


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

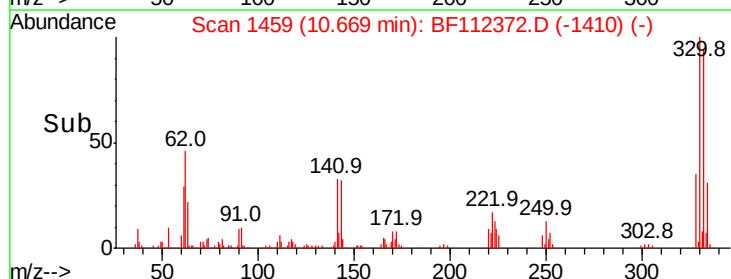
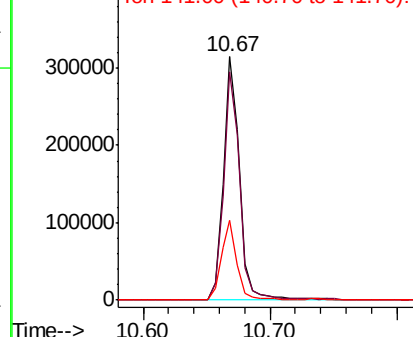


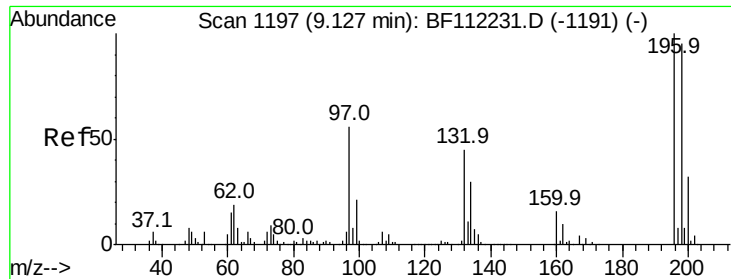
#42
2,4,6-Tribromophenol
Concen: 74.286 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion:	330	Resp:	282566
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.6	114.8
141	31.7	24.3	36.5



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





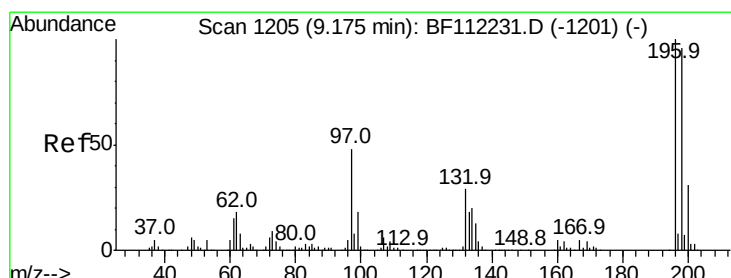
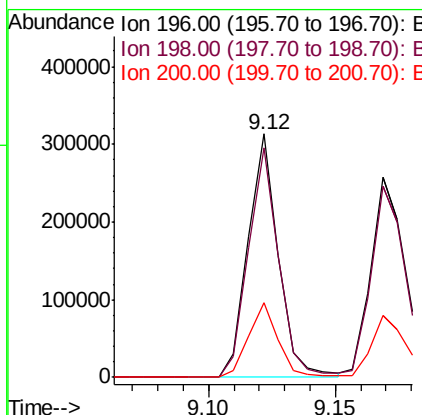
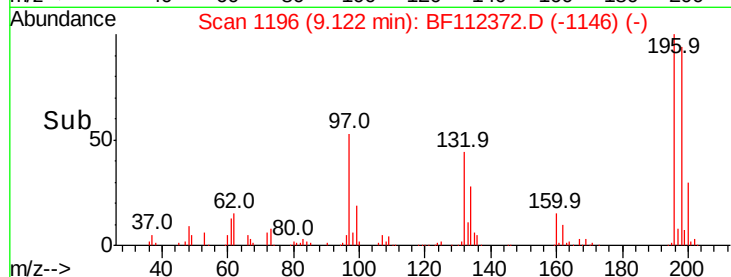
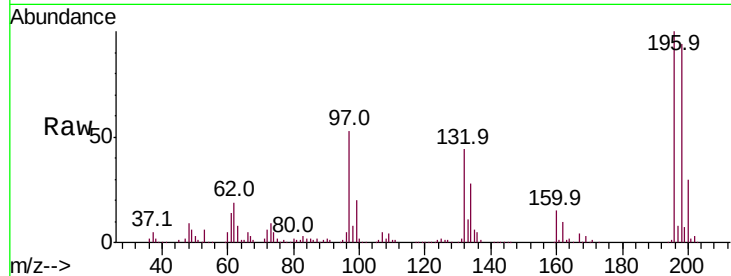
#43
 2,4,6-Trichlorophenol
 Concen: 39.468 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	261042
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.2	114.4
200	30.5	24.3	36.5

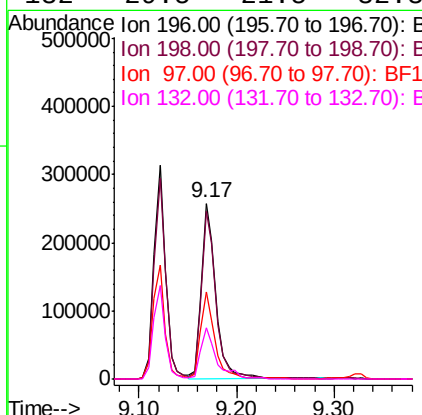
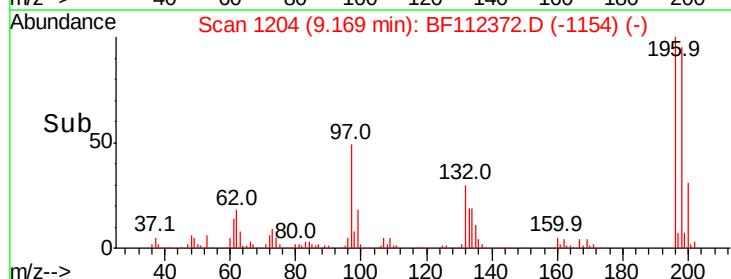
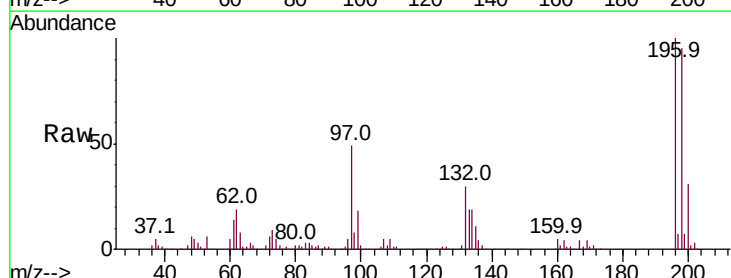
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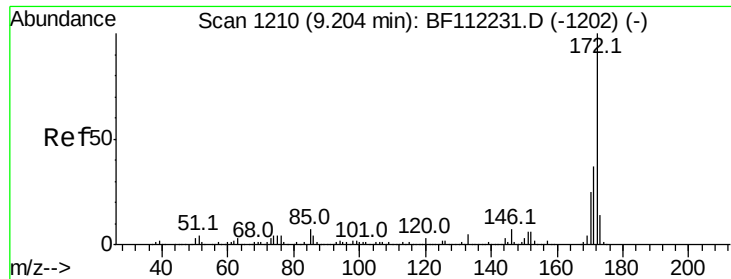
mohammad
 2/5/2019 8:42:30 AM



#44
 2,4,5-Trichlorophenol
 Concen: 38.193 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion:	196	Resp:	264007
Ion Ratio	Lower	Upper	
196	100		
198	95.5	76.0	114.0
97	49.5	36.4	54.6
132	29.5	21.5	32.3





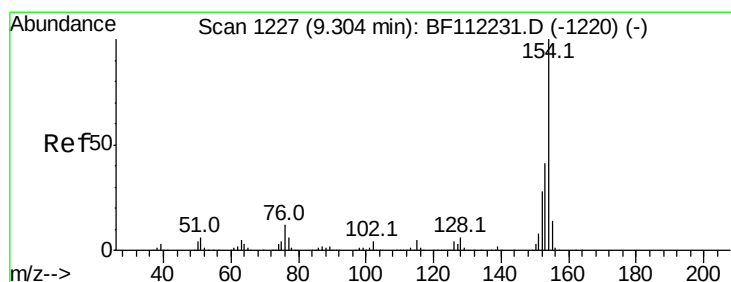
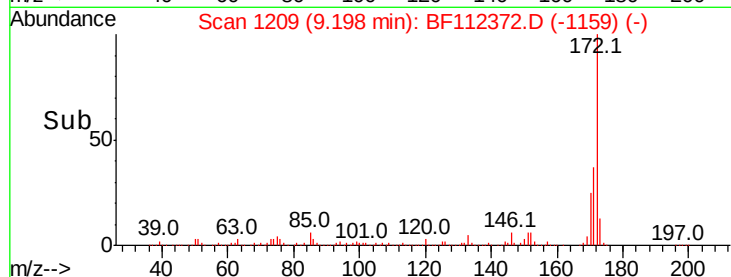
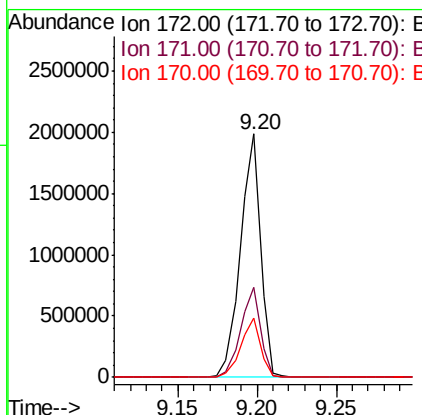
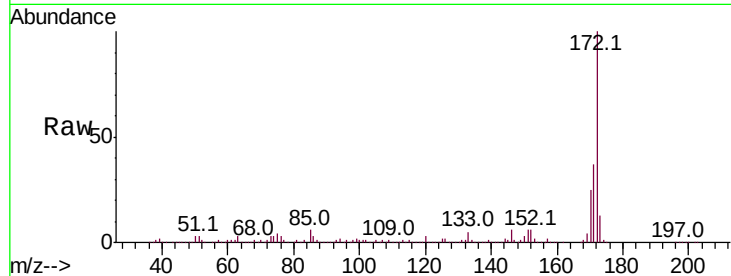
#45
2-Fluorobiphenyl
Concen: 75.764 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.6	20.2	30.4

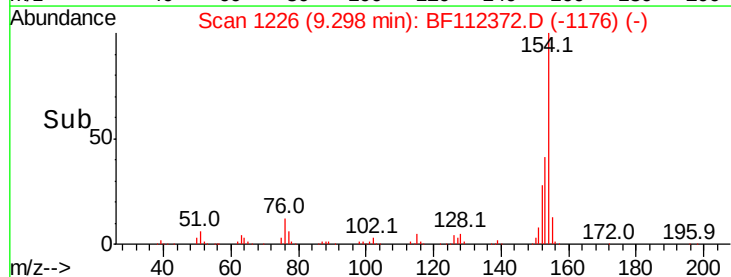
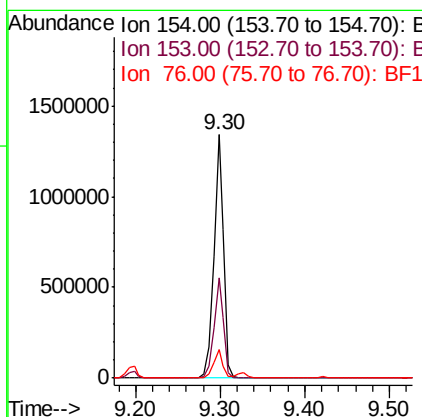
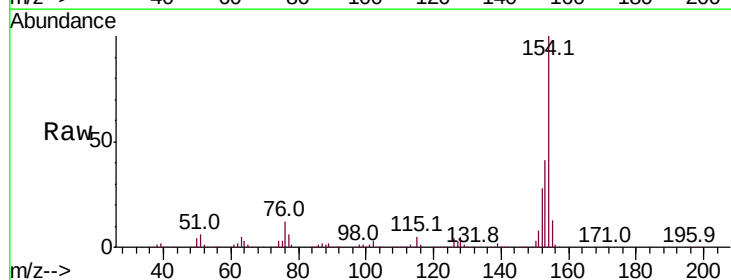
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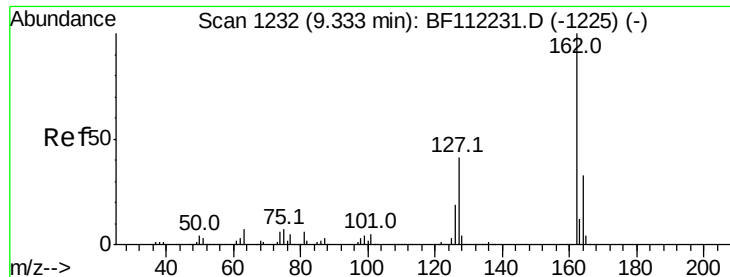
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#46
1,1'-Biphenyl
Concen: 38.791 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.5	61.5
76	11.6	0.0	33.1





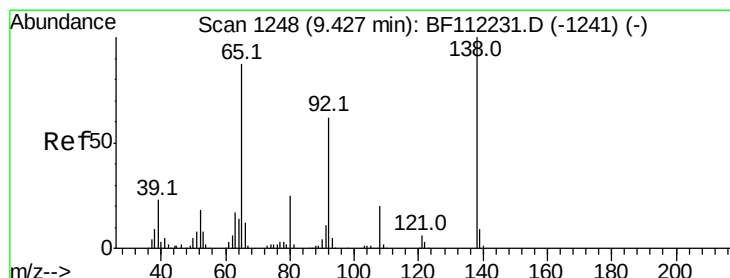
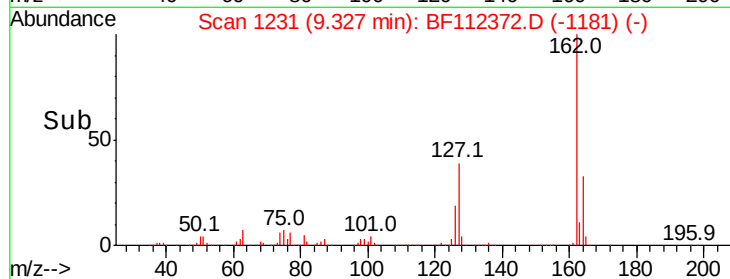
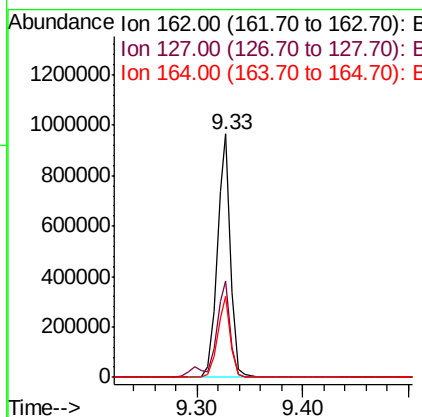
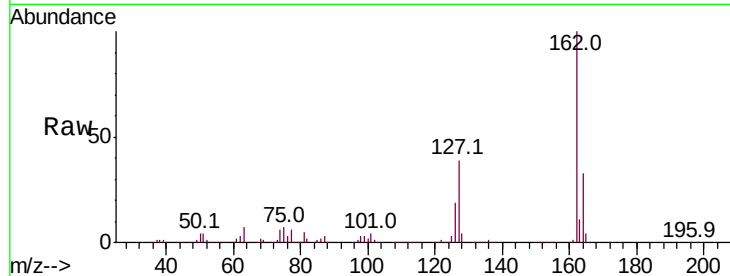
#47
2-Chloronaphthalene
Concen: 38.438 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.5	30.4	45.6	
164	33.3	27.4	41.2	

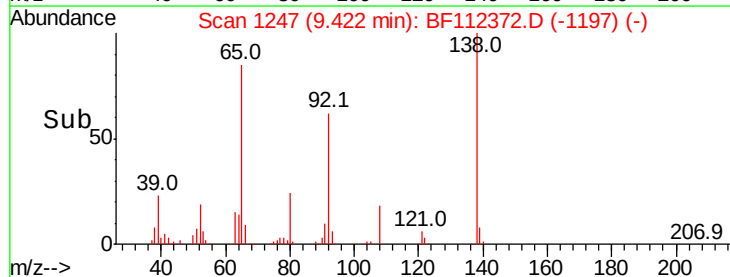
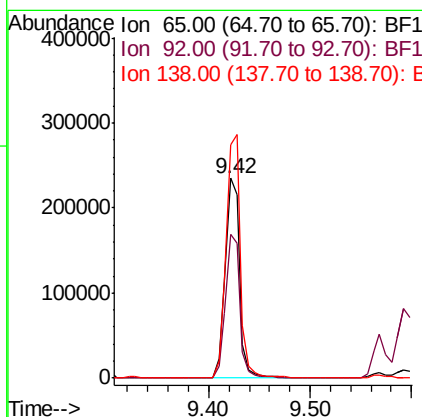
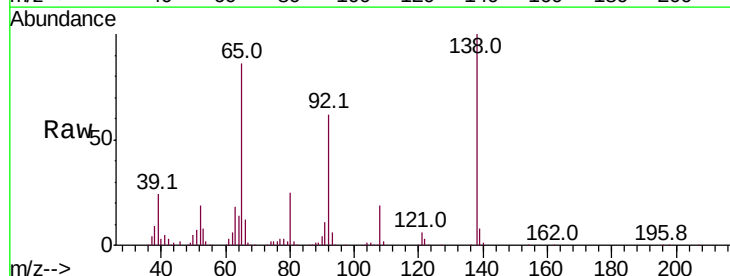
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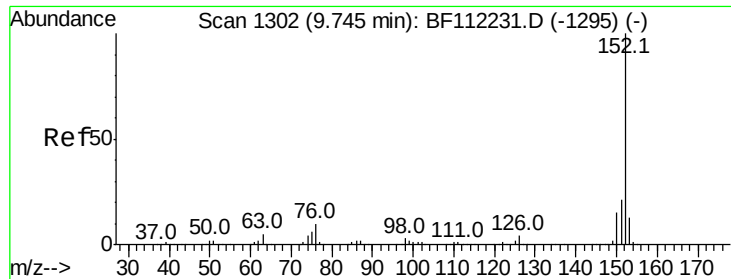
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#48
2-Nitroaniline
Concen: 38.569 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.9	60.4	90.6	
138	116.5	104.4	156.6	





#49

Acenaphthylene

Concen: 38.114 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1237650

Ion Ratio Lower Upper

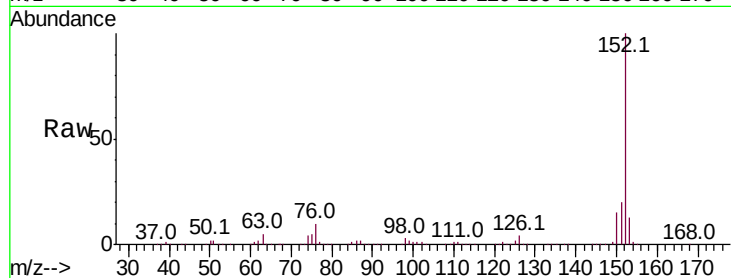
152 100

151 20.5 17.0 25.6

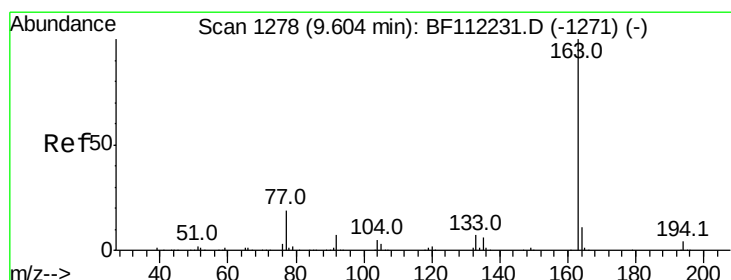
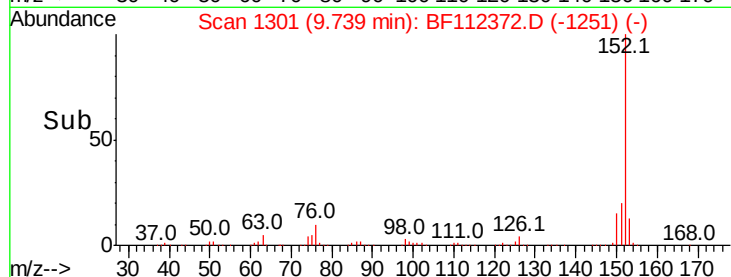
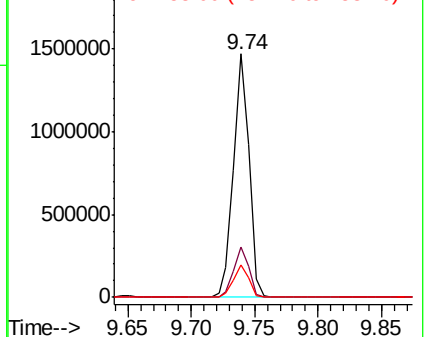
153 13.3 11.2 16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.621 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

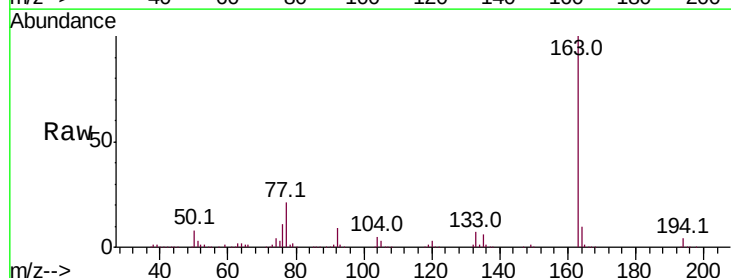
Tgt Ion:163 Resp: 980598

Ion Ratio Lower Upper

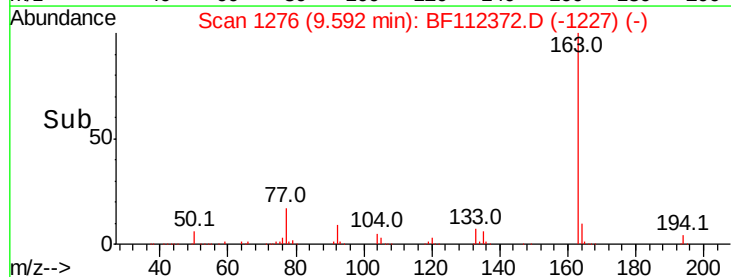
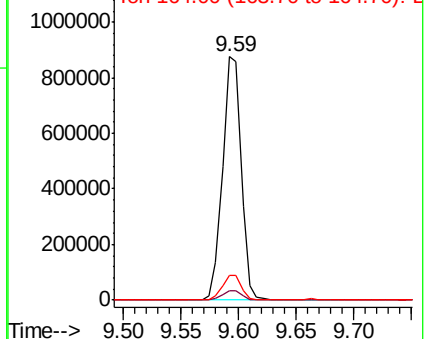
163 100

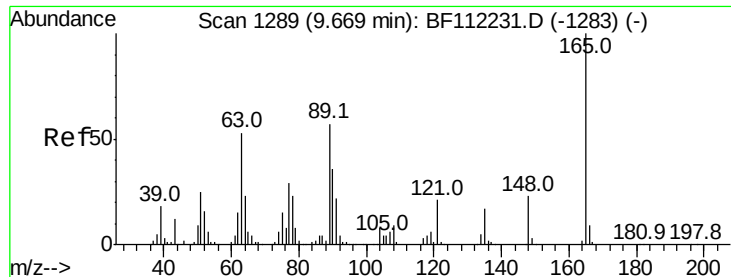
194 3.7 3.3 4.9

164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
1200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.180 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 217109

Ion Ratio Lower Upper

165 100

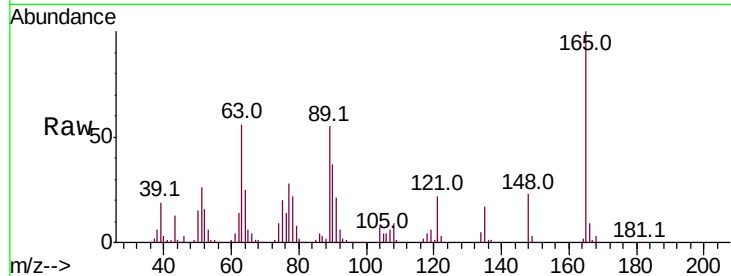
63 55.7 33.8 50.8#

89 55.1 36.9 55.3

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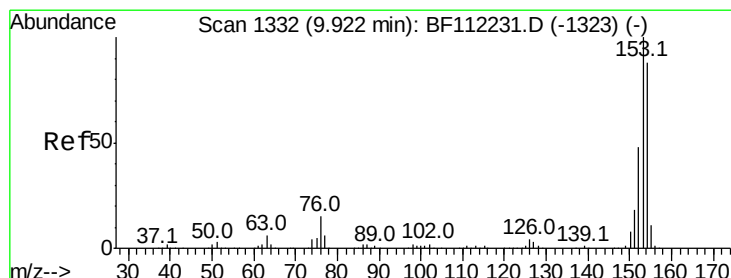
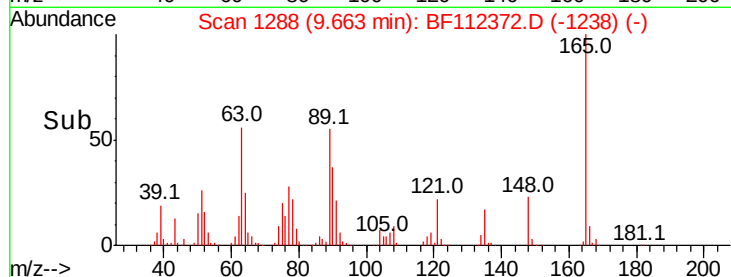
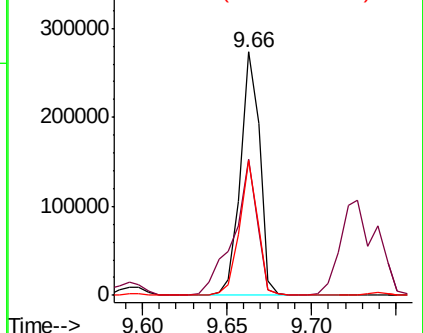
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.094 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

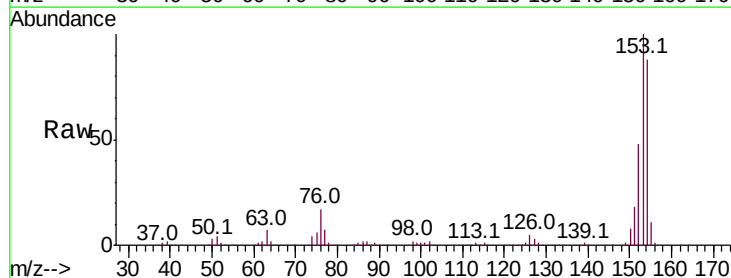
Tgt Ion:154 Resp: 738953

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

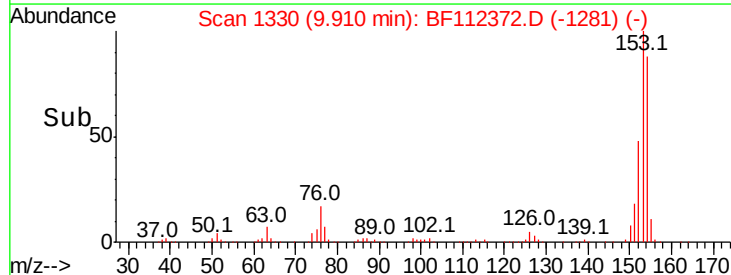
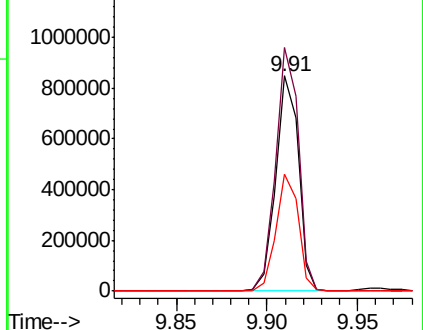
152 54.2 43.5 65.3

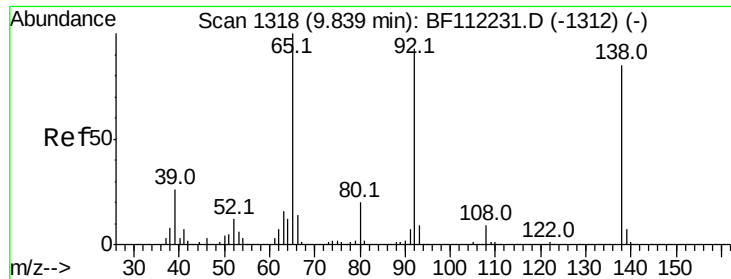


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





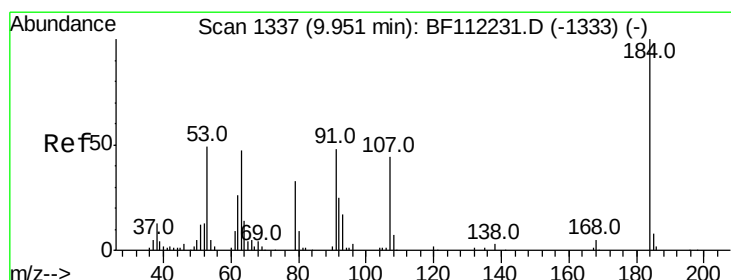
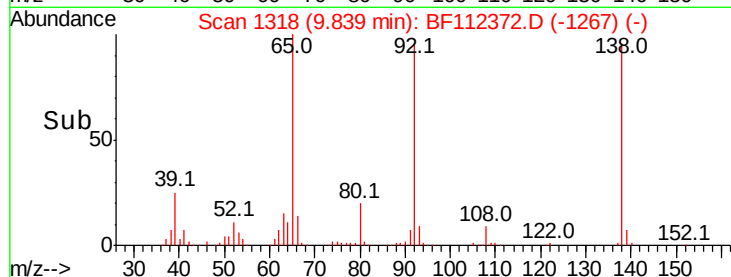
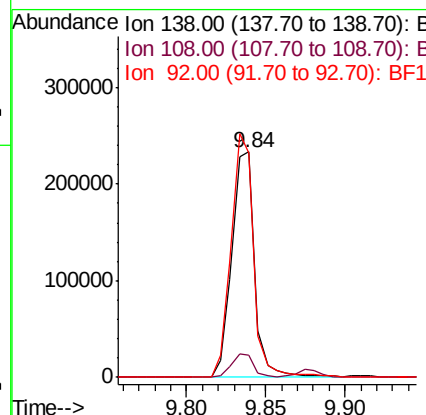
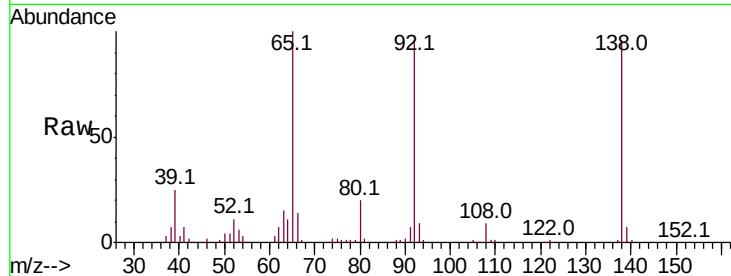
#53
 3-Nitroaniline
 Concen: 37.885 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138	Resp:	233390
Ion Ratio	Lower	Upper
138 100		
108 9.8	9.8	14.6
92 99.9	79.4	119.2

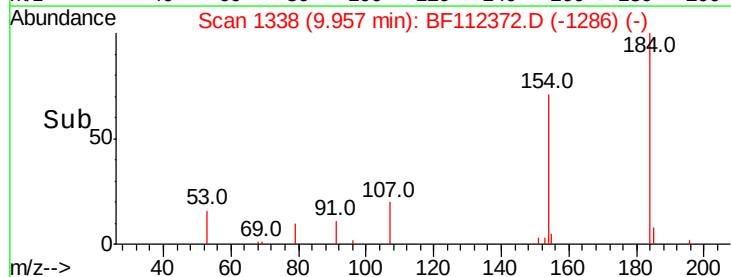
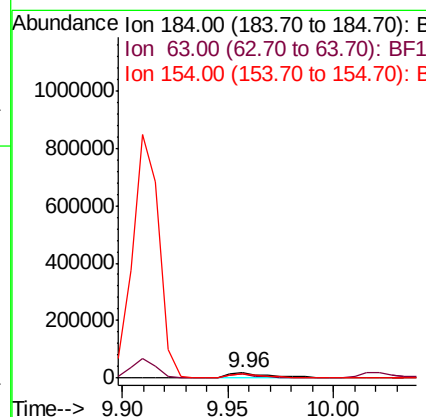
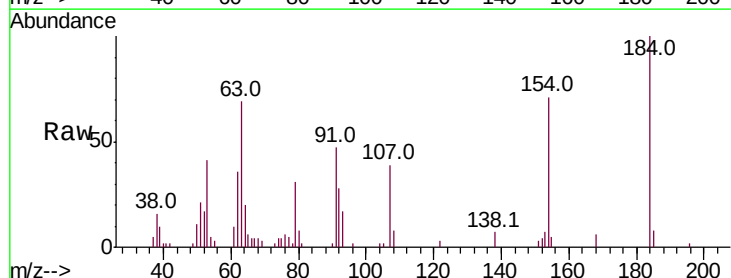
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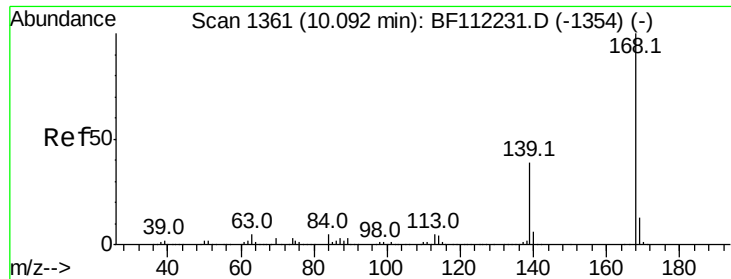
mohammad
 2/5/2019 8:42:30 AM



#54
 2,4-Dinitrophenol
 Concen: 14.517 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion:184	Resp:	26492
Ion Ratio	Lower	Upper
184 100		
63 68.9	47.1	70.7
154 70.9	48.9	73.3





#55

Dibenzofuran

Concen: 37.603 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1114680

Ion Ratio Lower Upper

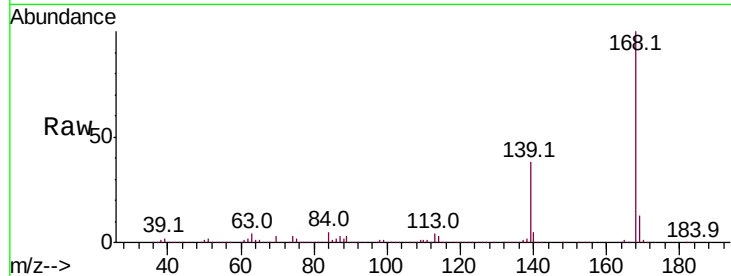
168 100

139 37.8 29.2 43.8

169 13.3 11.4 17.0

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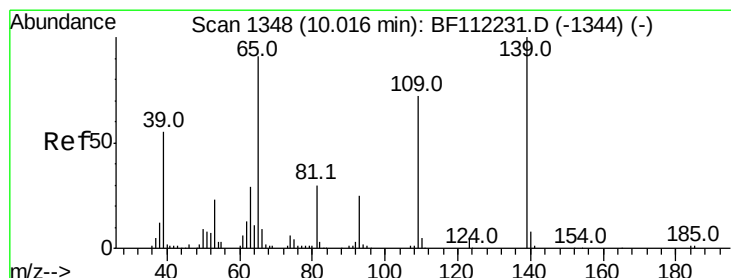
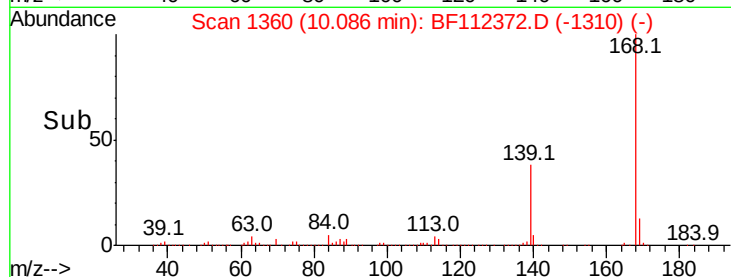
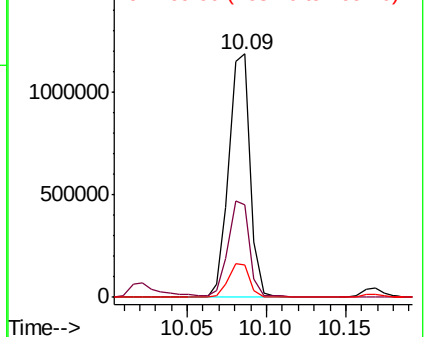


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 28.438 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

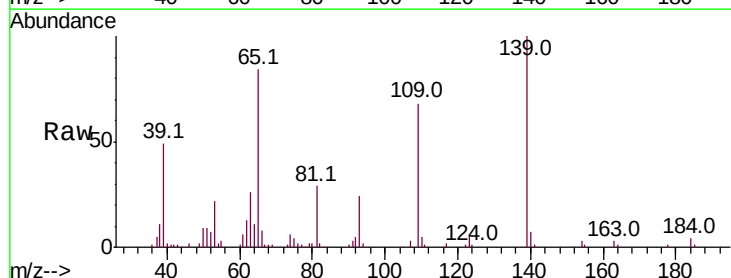
Tgt Ion:139 Resp: 92624

Ion Ratio Lower Upper

139 100

109 68.2 42.8 82.8

65 84.4 66.1 106.1

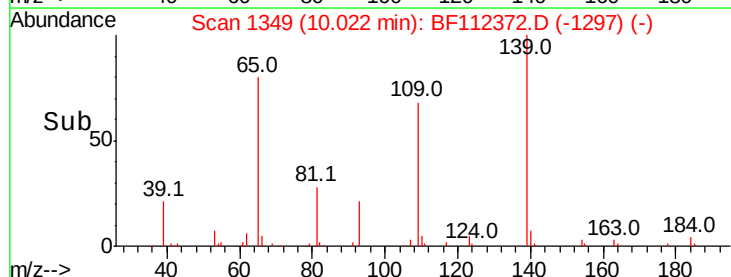
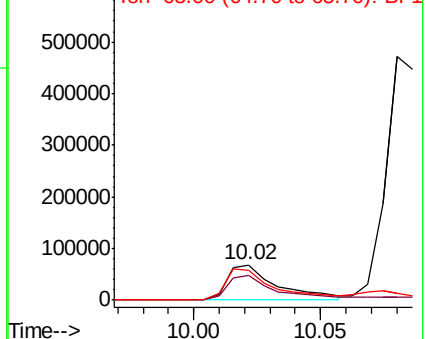


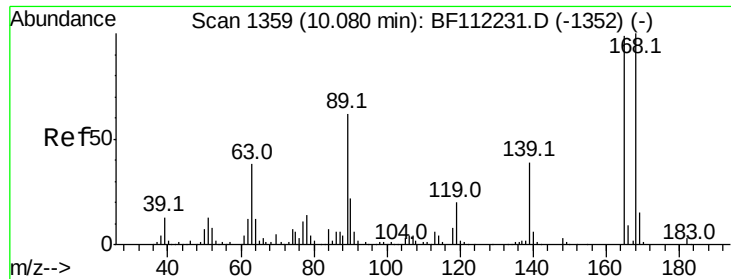
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





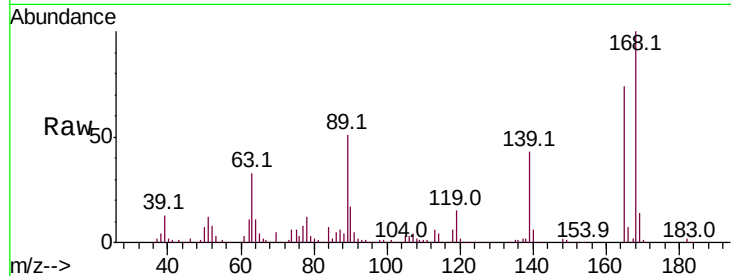
#57
2,4-Dinitrotoluene
Concen: 37.295 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

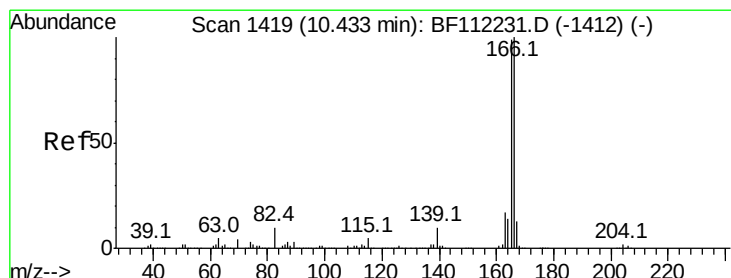
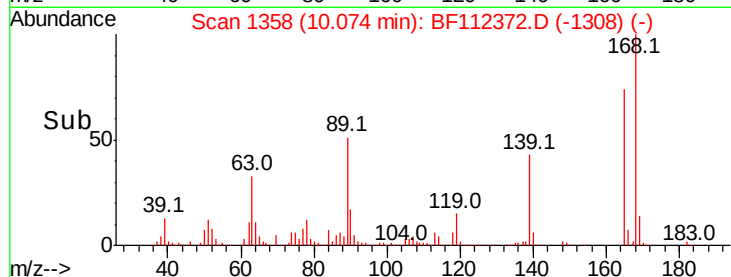
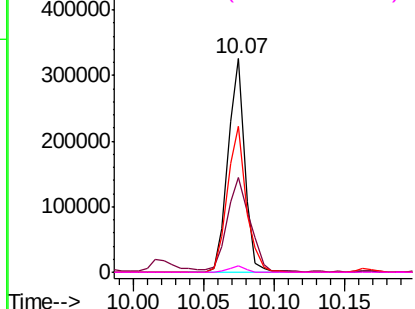
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	44.2	27.9	41.9#
89	68.1	47.9	71.9
182	3.0	2.2	3.4

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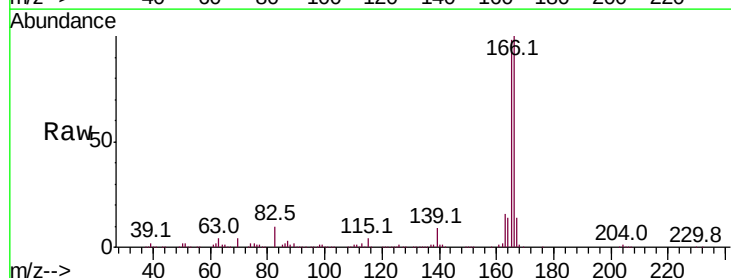


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

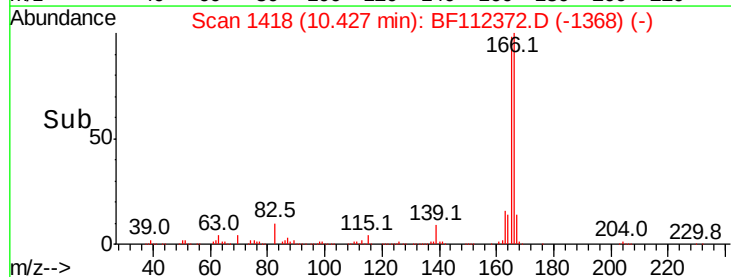
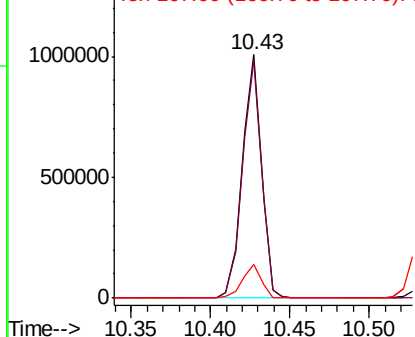


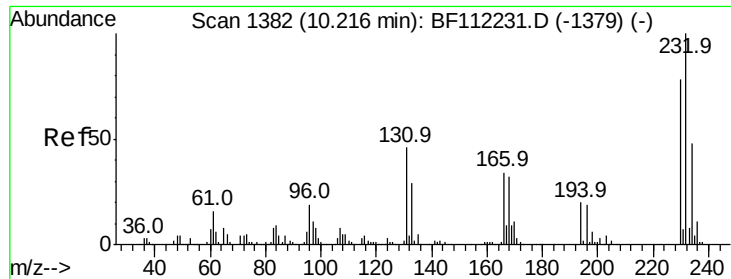
#58
Fluorene
Concen: 38.053 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.7	77.1	115.7
167	13.6	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.400 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 200593
Ion Ratio Lower Upper

232 100

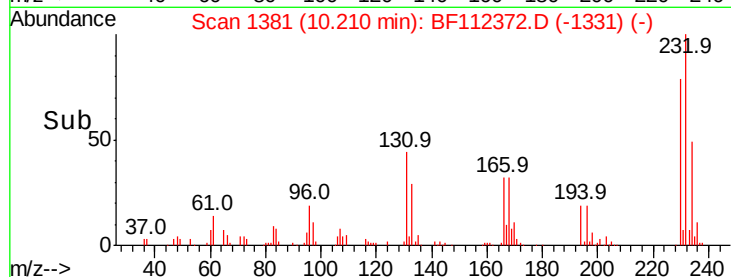
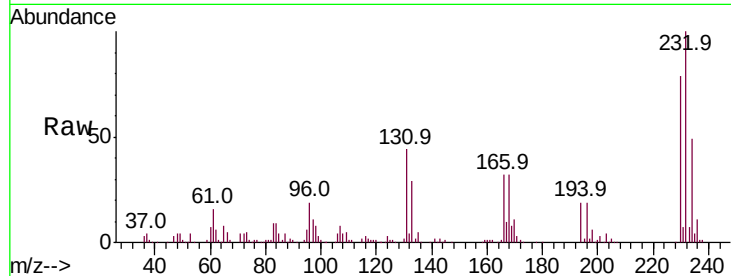
131 44.7 33.9 50.9

130 2.6 1.8 2.6

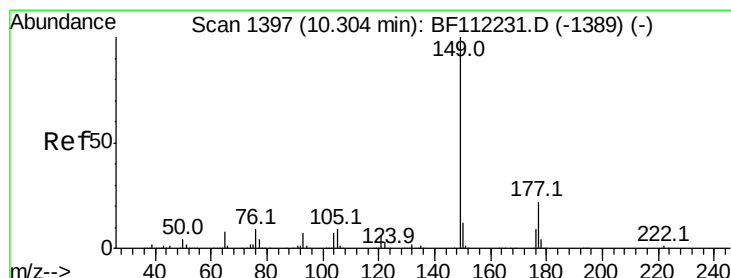
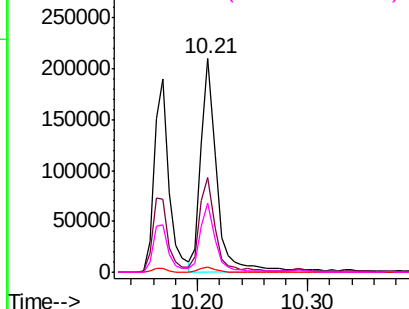
166 30.5 23.6 35.4

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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.110 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF112372.D

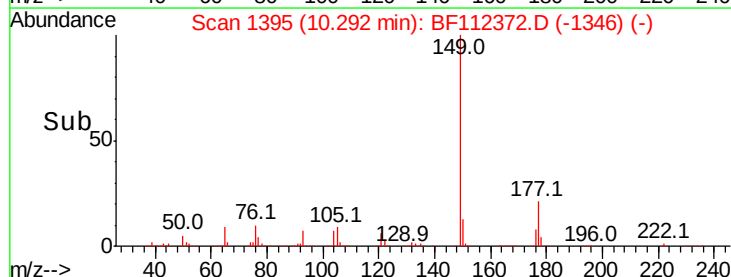
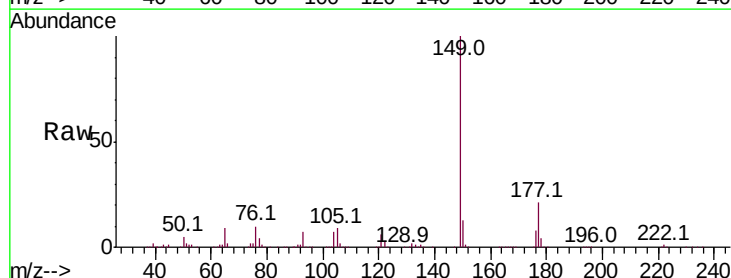
Acq: 4 Feb 2019 9:39

Tgt Ion:149 Resp: 985441
Ion Ratio Lower Upper

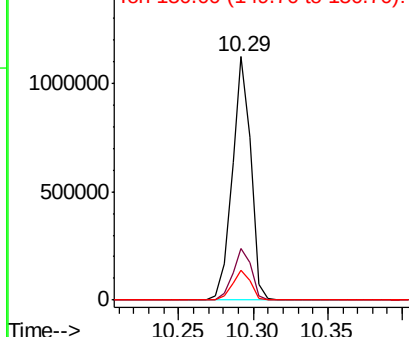
149 100

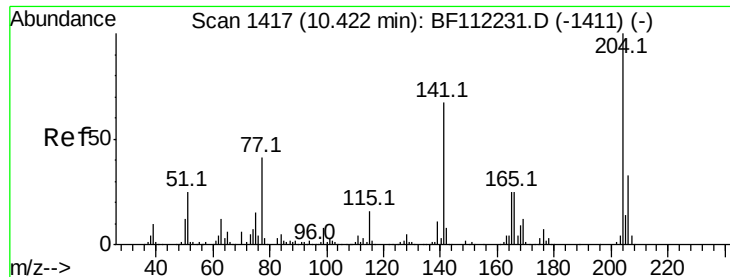
177 21.3 18.2 27.2

150 12.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 38.358 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

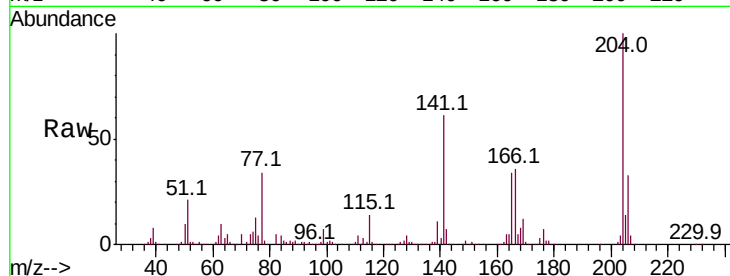
ClientSampleId :

SSTDCCC040

Tot Ion:	204	Resp:	462864
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.5	39.7
141	61.0	45.9	68.9

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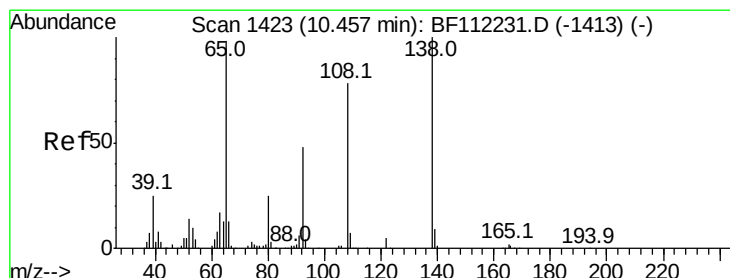
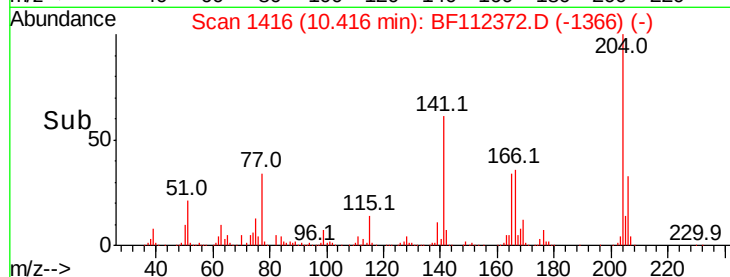
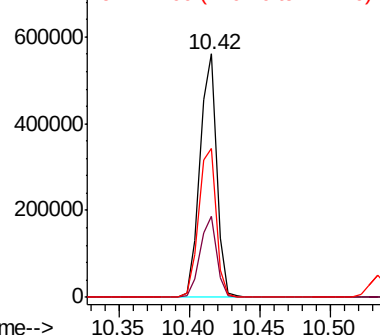


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 36.571 ng

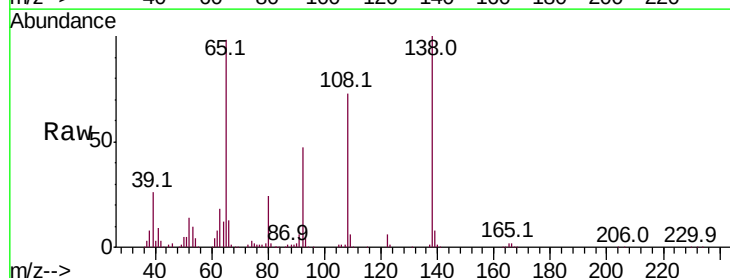
RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion:	138	Resp:	220982
Ion Ratio	Lower	Upper	
138	100		
92	46.9	30.6	70.6
108	73.0	50.0	90.0

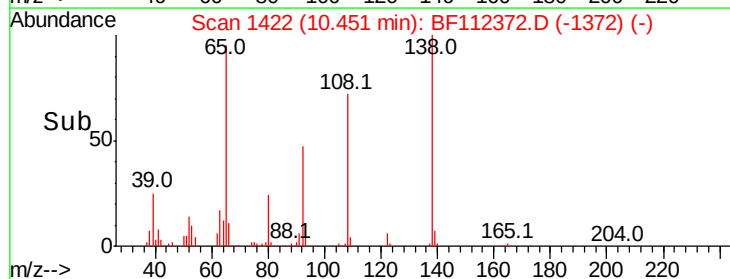
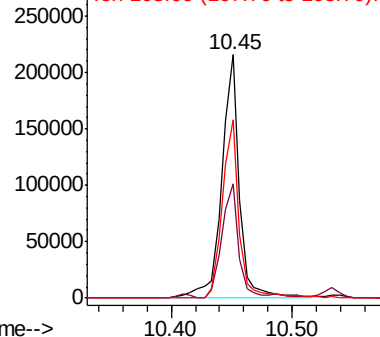


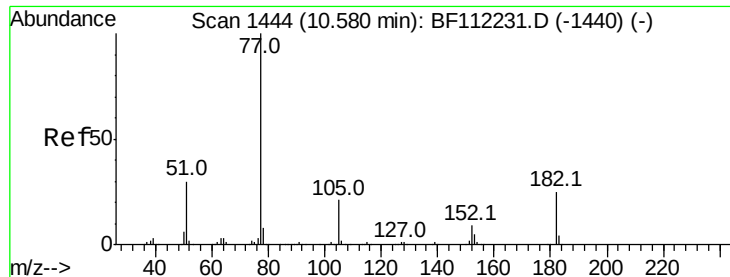
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.083 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

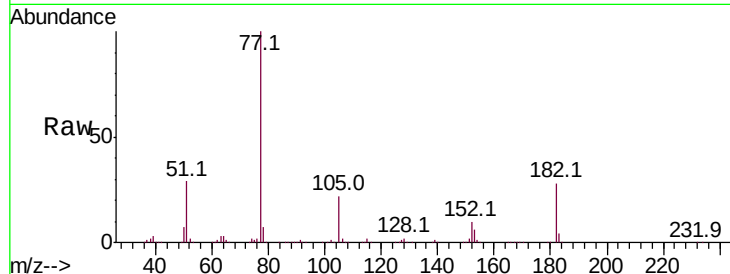
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	5.7	45.7
105	21.8	1.4	41.4
51	29.4	9.5	49.5

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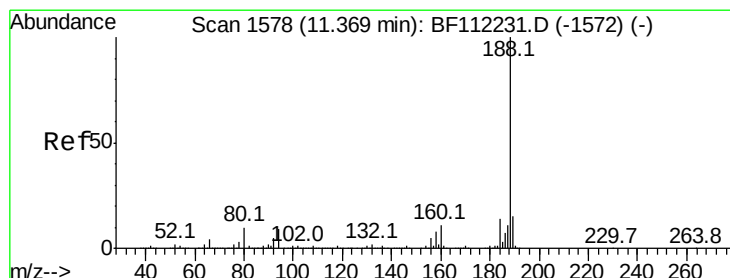
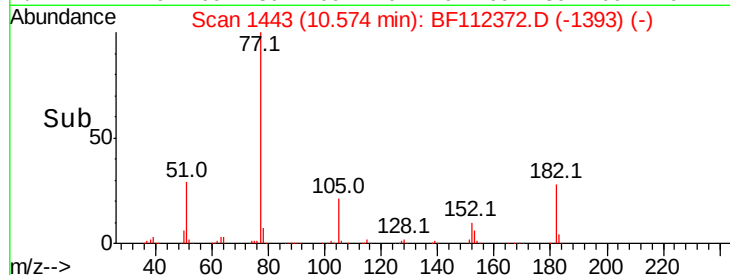
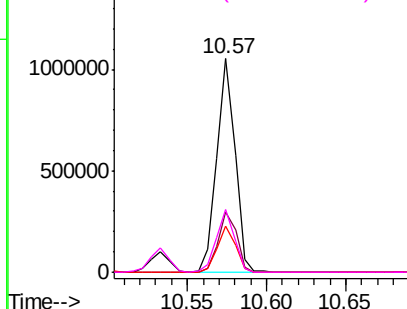


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

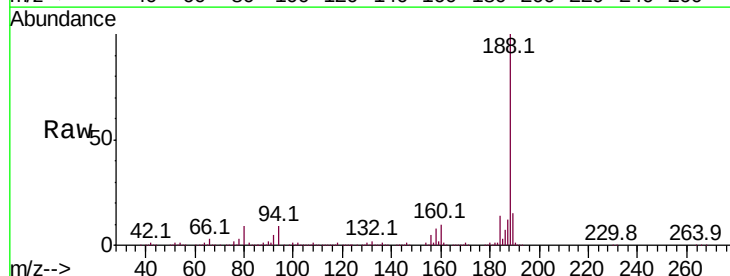
RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

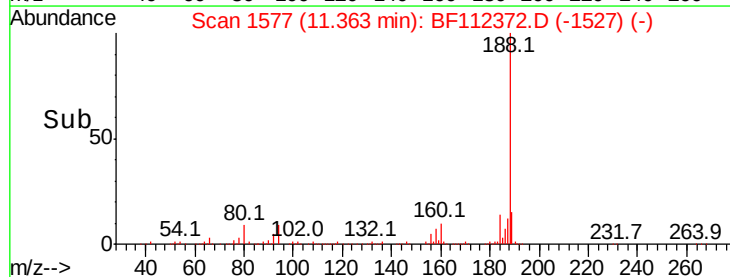
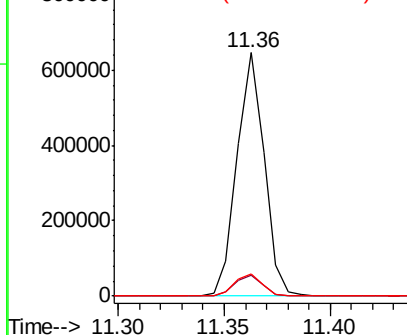
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	8.9	8.9	13.3

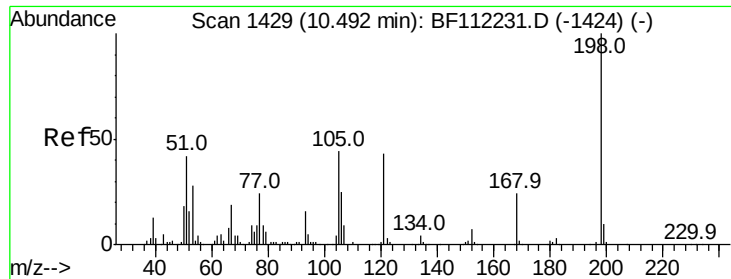


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 23.892 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

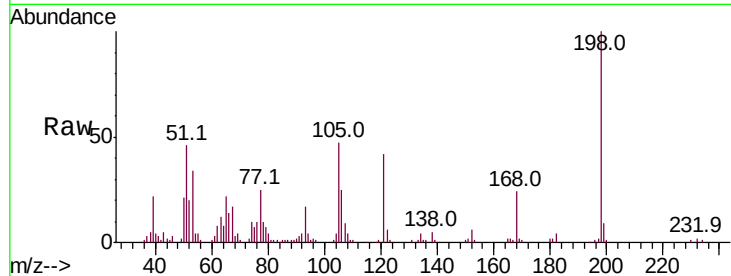
ClientSampleId :

SSTDCCC040

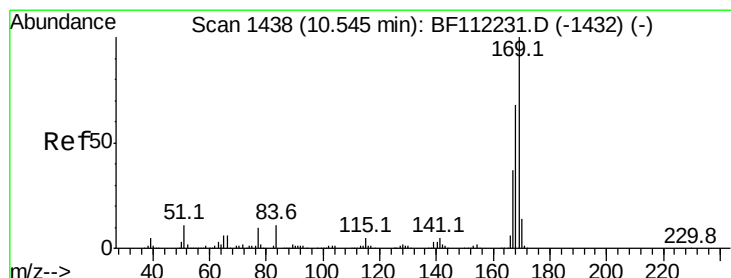
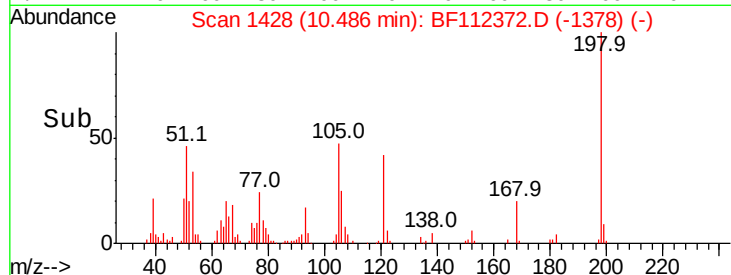
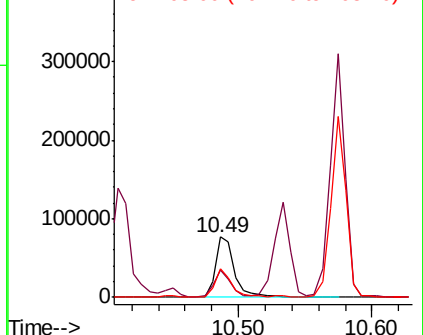
Tot Ion:	198	Resp:	77554
Ion Ratio	Lower	Upper	
198	100		
51	45.5	17.2	57.2
105	46.6	21.9	61.9

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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



#66

n-Nitrosodiphenylamine

Concen: 41.176 ng

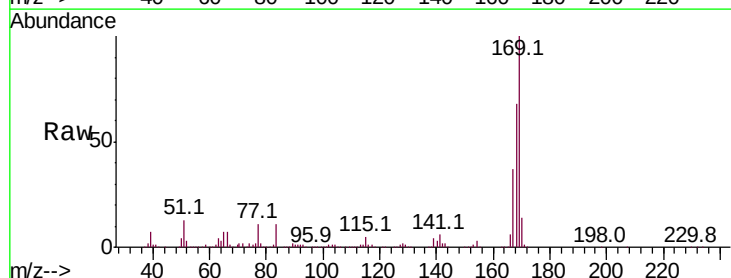
RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

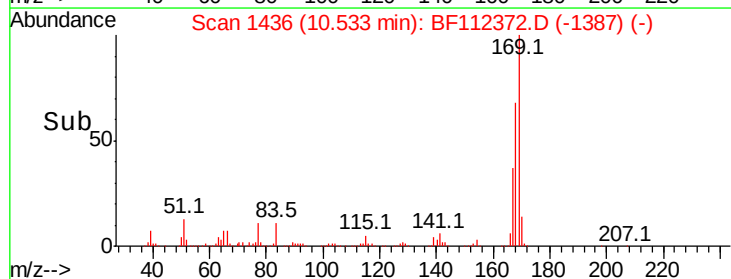
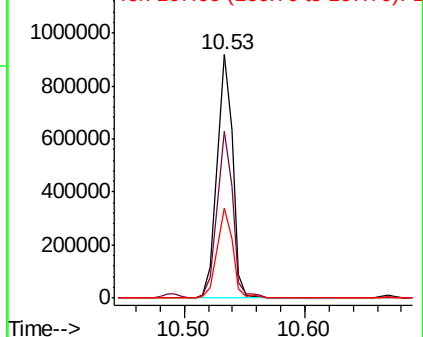
Lab File: BF112372.D

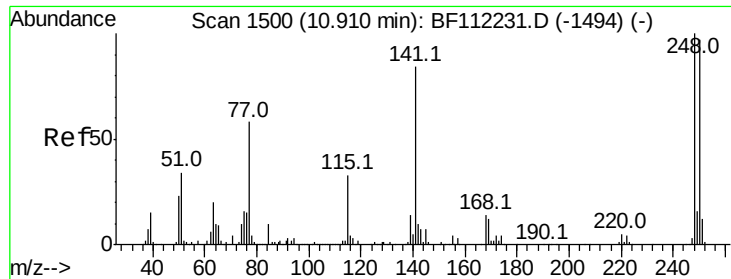
Acq: 4 Feb 2019 9:39

Tgt Ion:	169	Resp:	803445
Ion Ratio	Lower	Upper	
169	100		
168	68.3	53.9	80.9
167	36.7	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





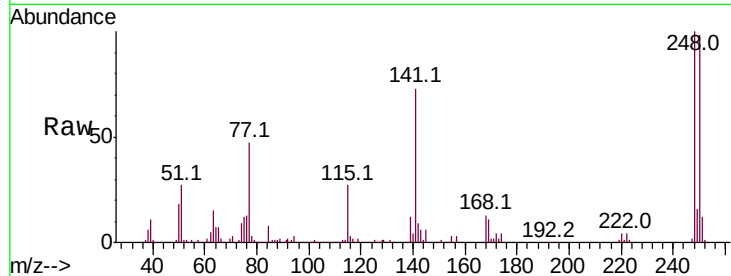
#67
4-Bromophenyl-phenylether
Concen: 40.980 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.7	119.5
141	73.5	60.3	90.5

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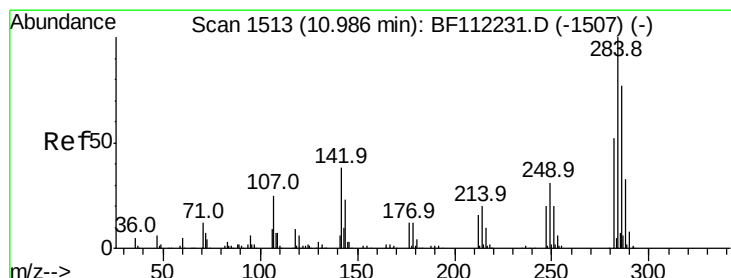
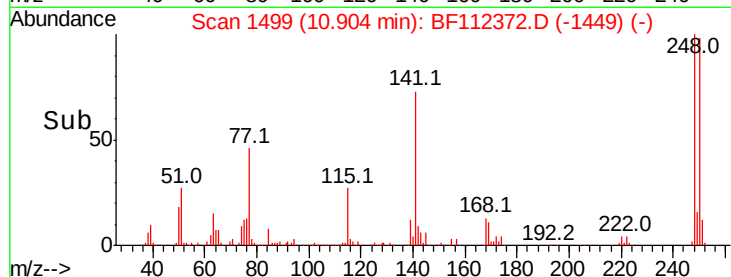
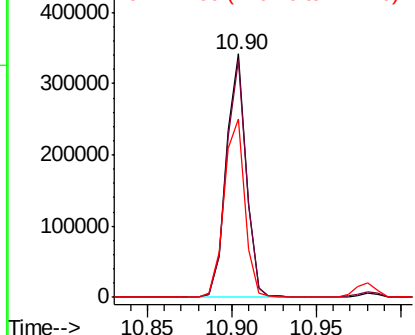


Abundance

Ion 248.00 (247.70 to 248.70): E

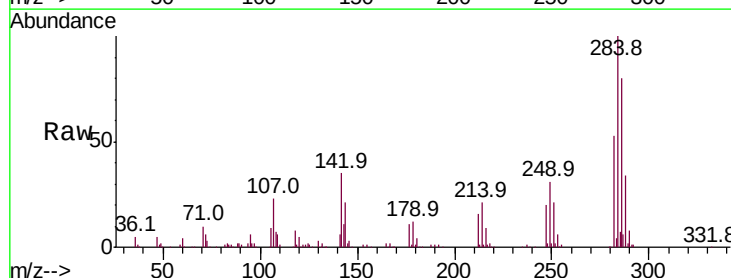
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.753 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.6	41.4
249	31.3	24.1	36.1

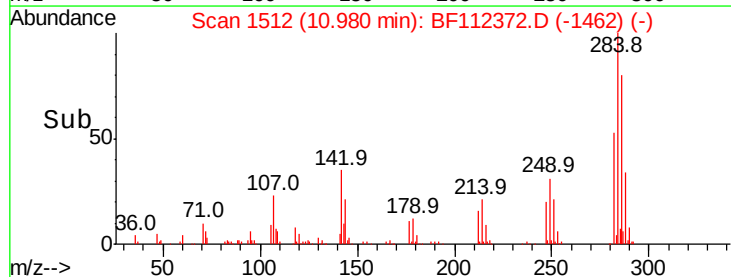
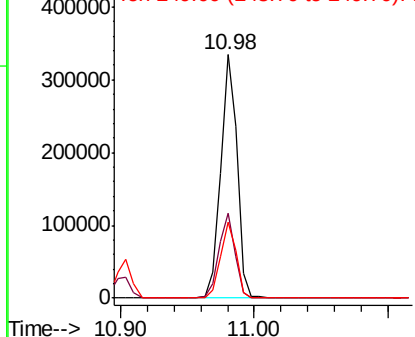


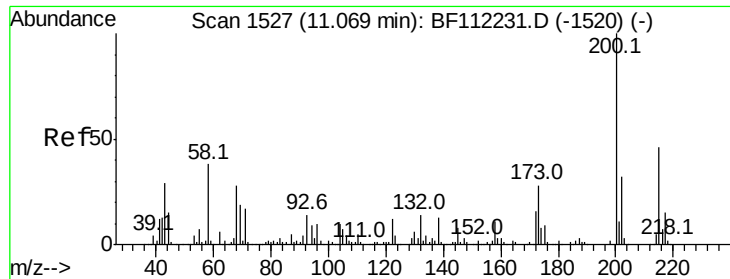
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





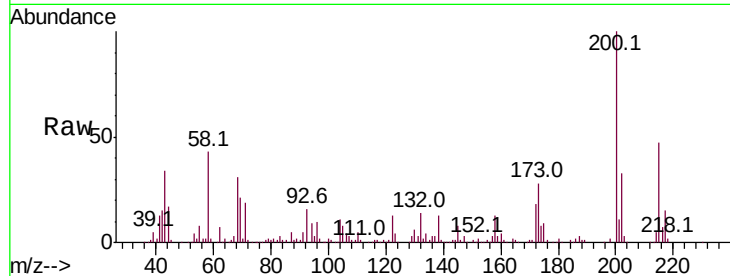
#69
Atrazine
Concen: 40.311 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.1	47.1
215	47.0	30.4	70.4

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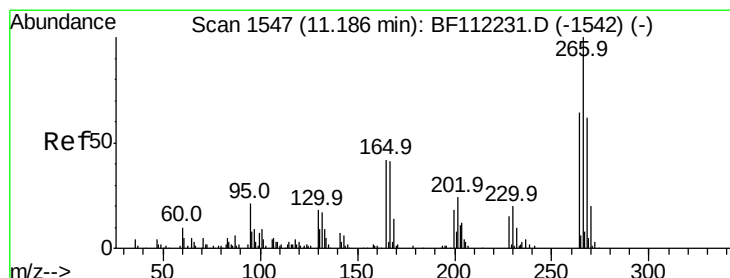
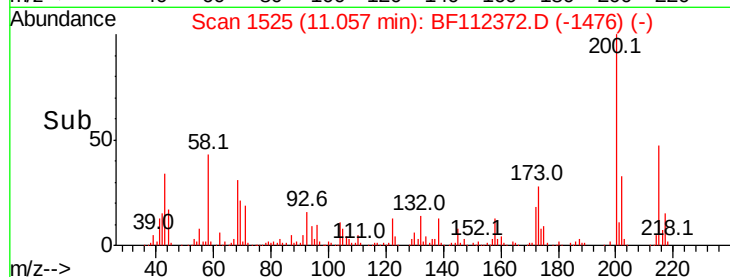
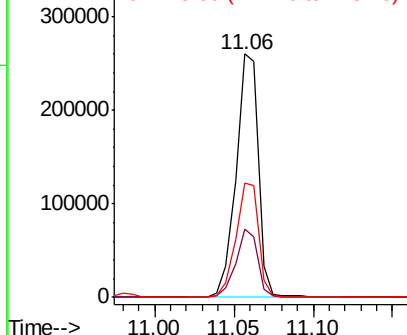


Abundance

Ion 200.00 (199.70 to 200.70): E

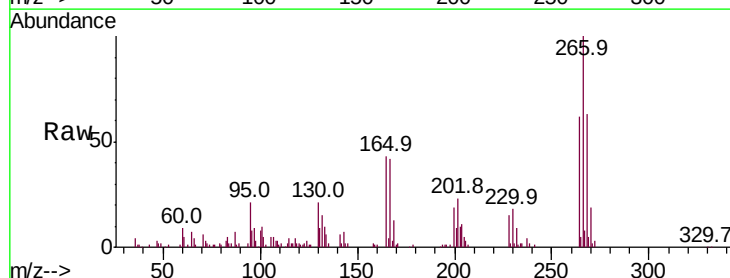
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 34.045 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.2	76.8
264	61.6	50.9	76.3

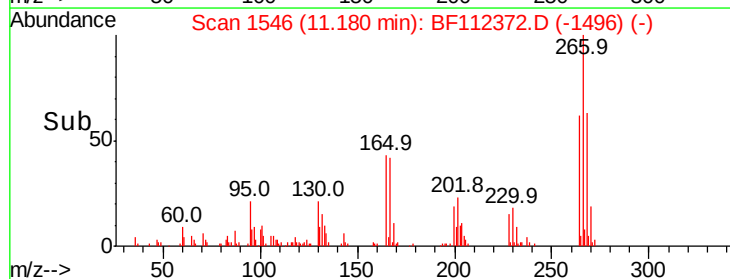
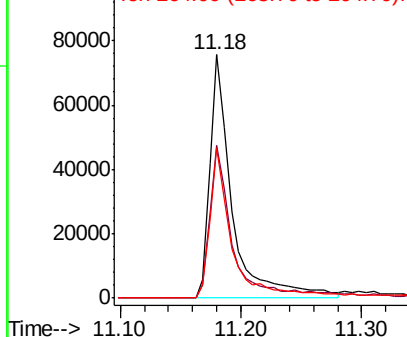


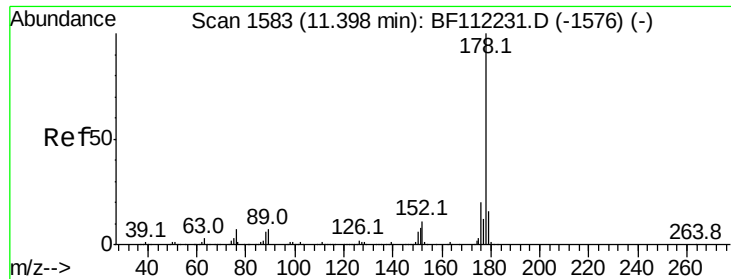
Abundance

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





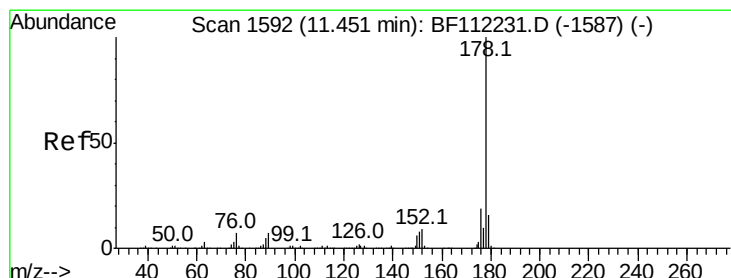
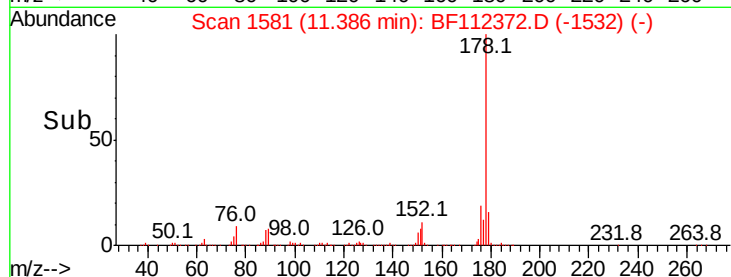
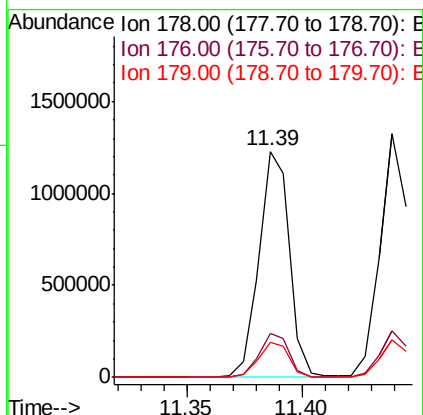
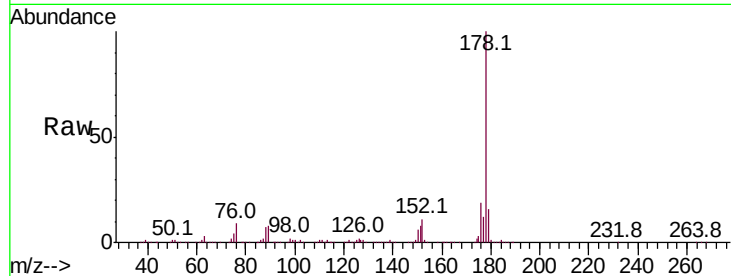
#71
Phenanthrene
Concen: 37.518 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	15.6	13.0	19.4

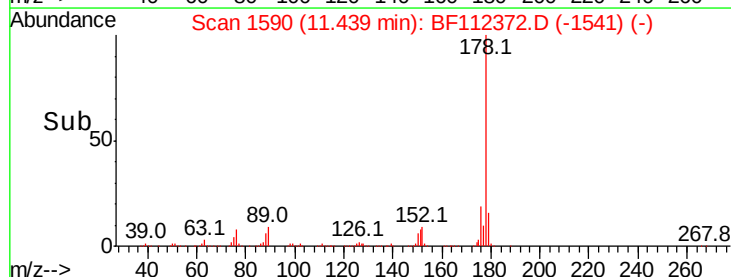
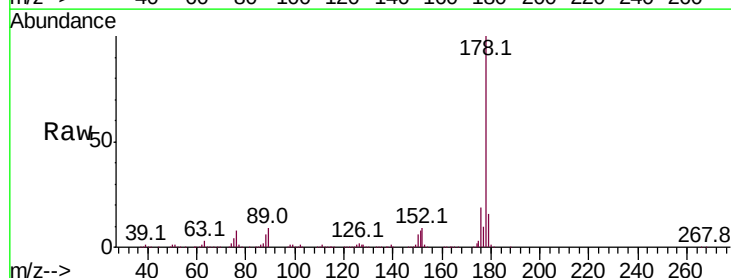
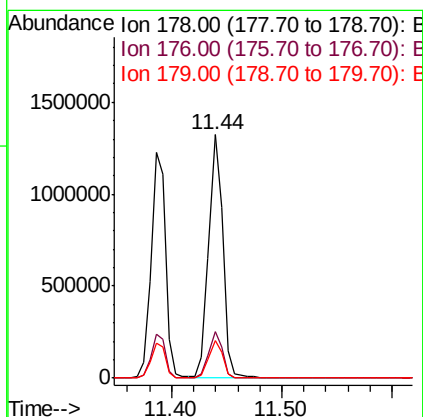
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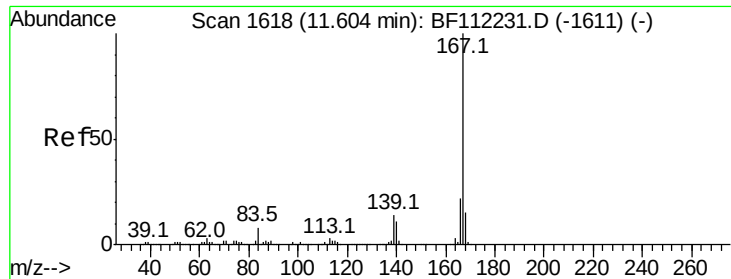
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#72
Anthracene
Concen: 38.203 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.6	12.8	19.2





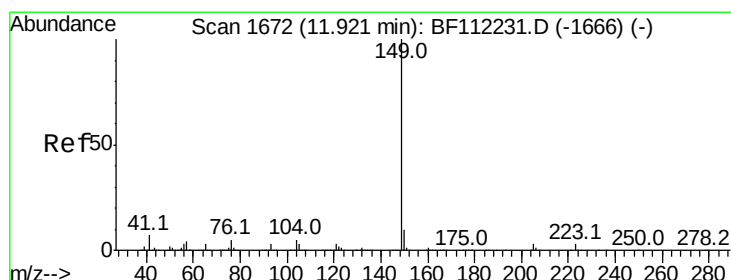
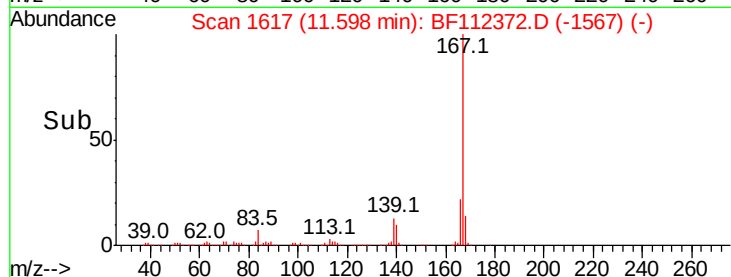
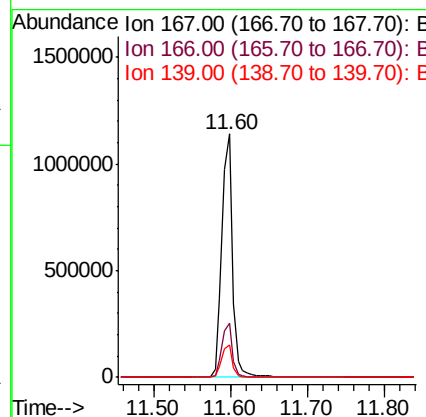
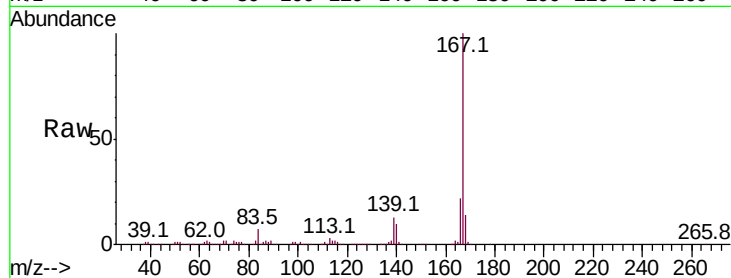
#73
 Carbazole
 Concen: 36.750 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	13.1	10.2	15.2

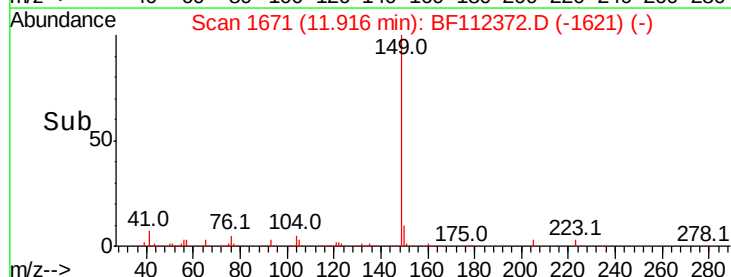
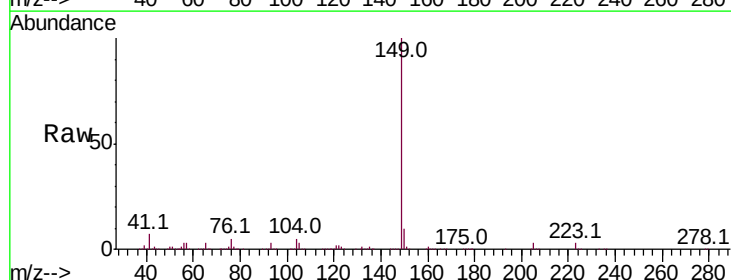
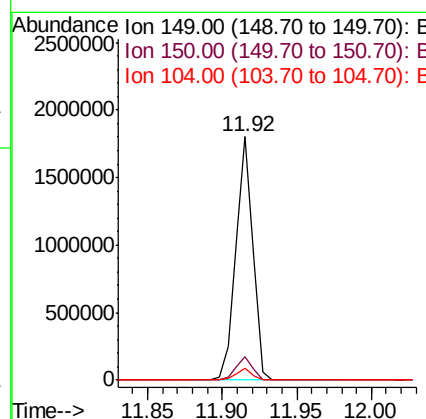
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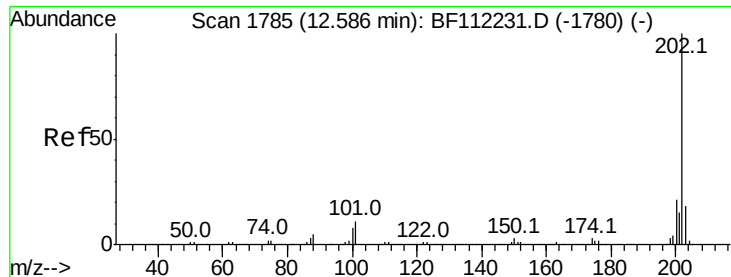
mohammad
 2/5/2019 8:42:30 AM



#74
 Di-n-butylphthalate
 Concen: 39.989 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.9	3.9	5.9





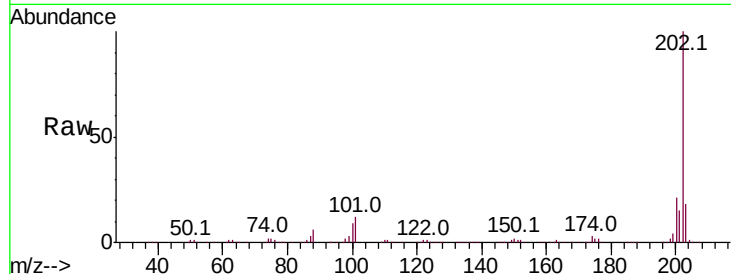
#75
Fluoranthene
Concen: 32.157 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1038130		
101	12.0	0.0	31.8	
203	18.1	0.0	38.4	

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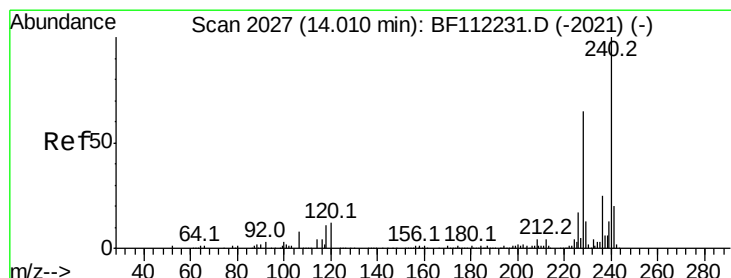
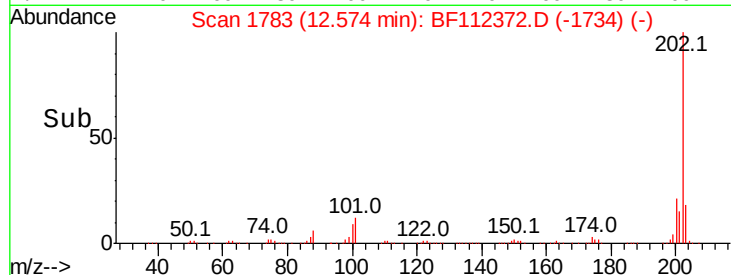
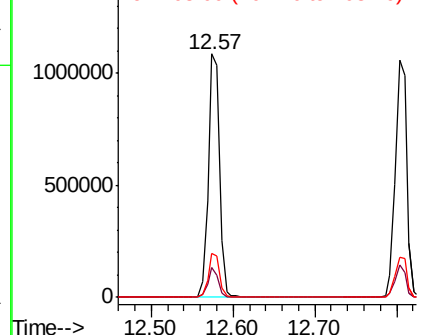


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

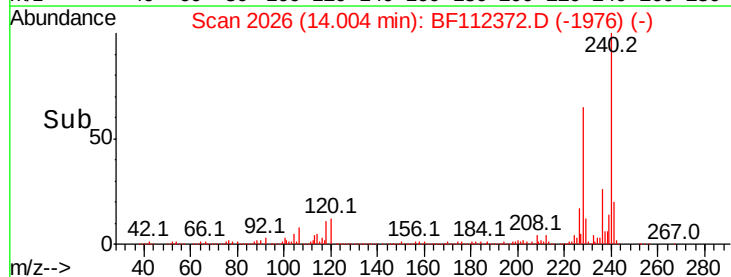
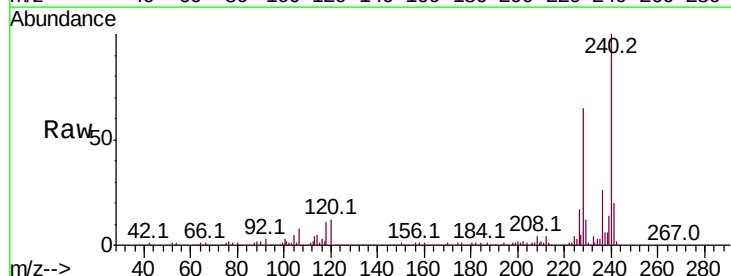
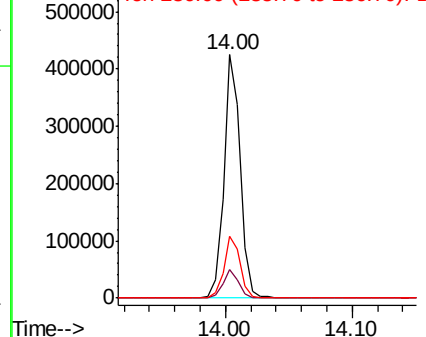
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	381864		
120	11.6	9.0	13.6	
236	25.6	20.7	31.1	

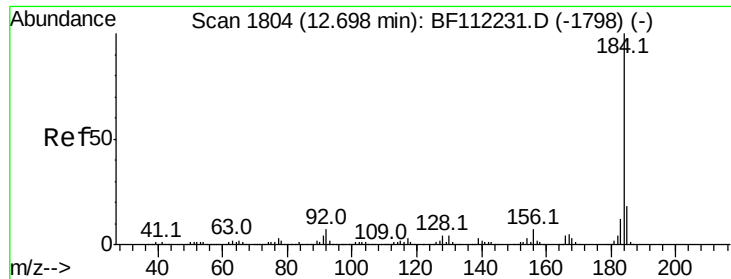
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.587 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

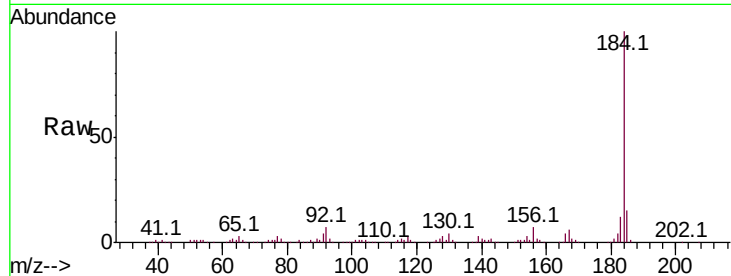
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.9	20.9
183	11.9	10.0	15.0

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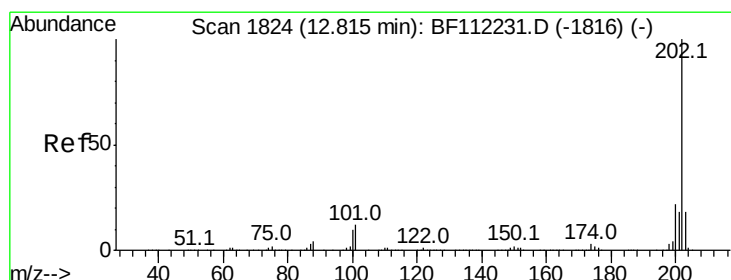
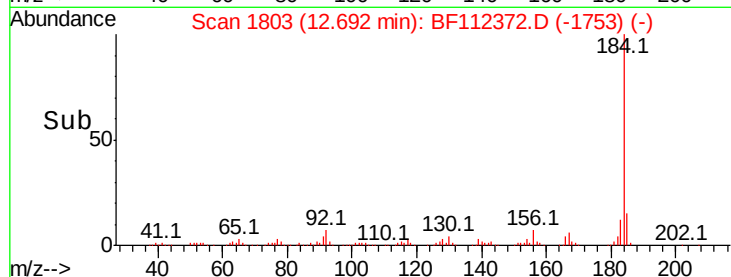
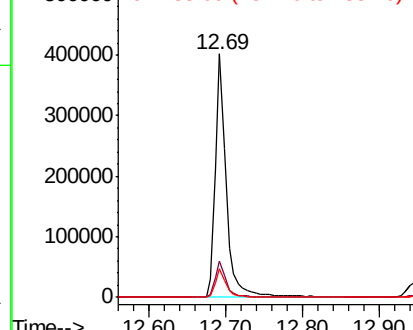


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.423 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

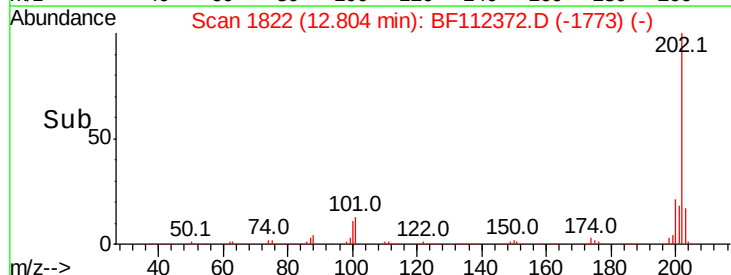
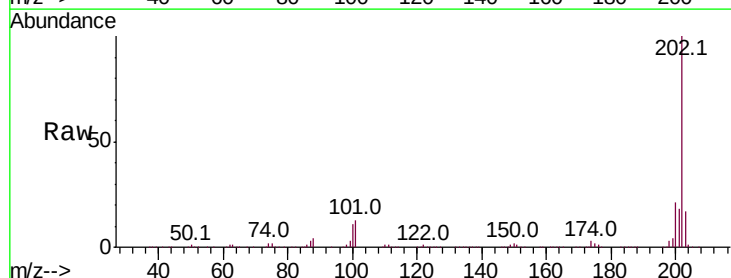
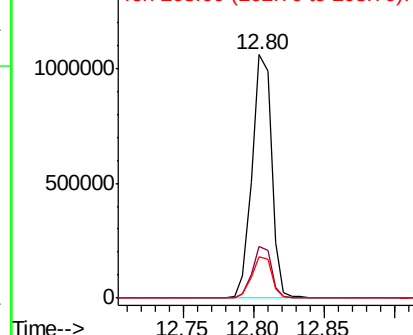
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.1	14.6	22.0

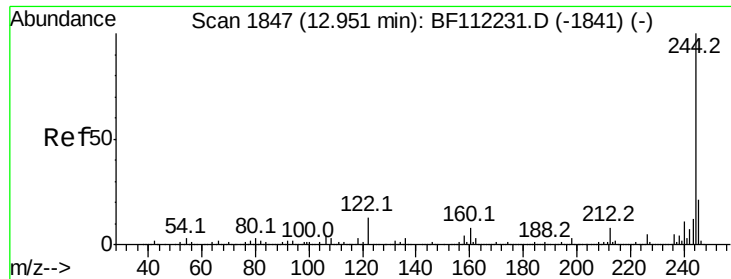
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





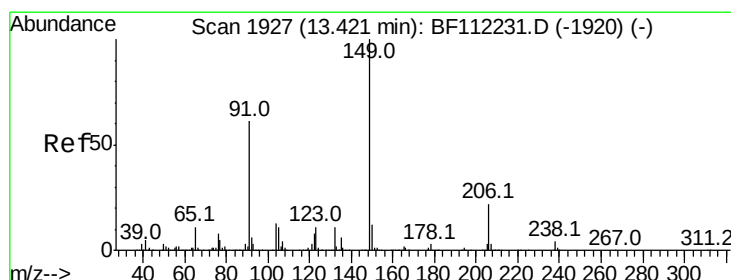
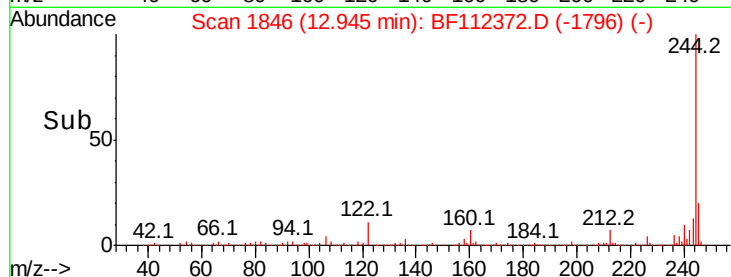
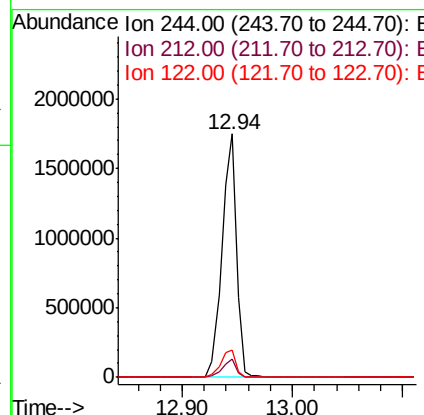
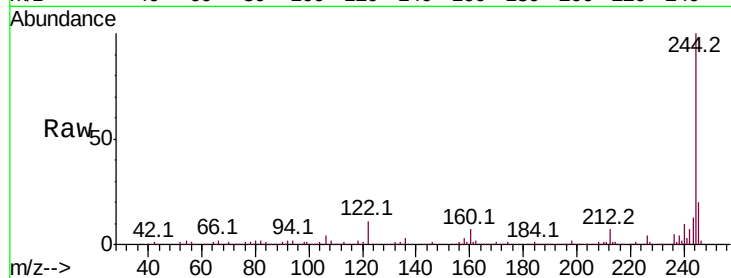
#79
 Terphenyl-d14
 Concen: 78.504 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 1591658
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.2 9.8 14.6

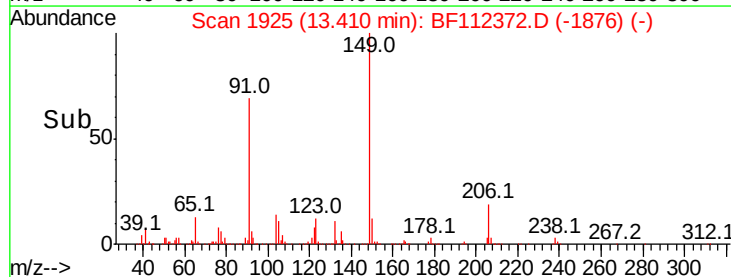
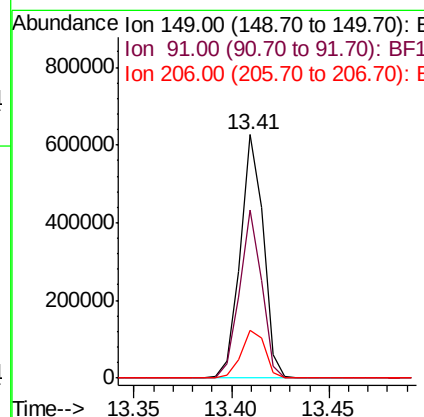
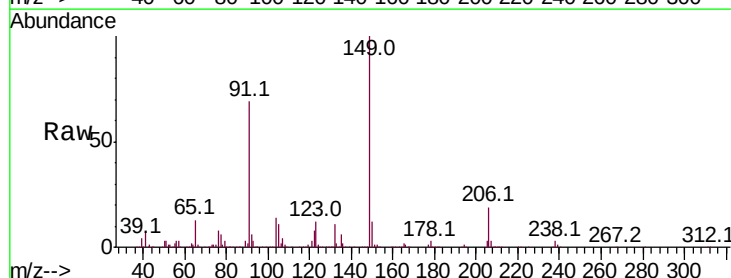
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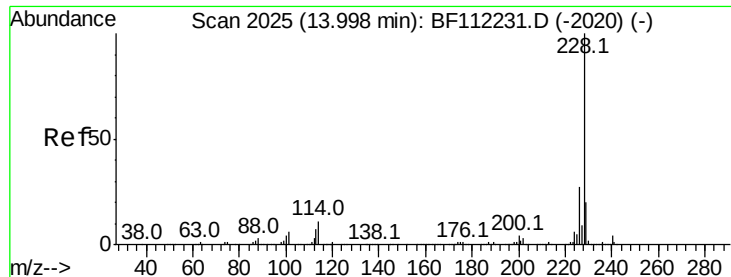
mohammad
 2/5/2019 8:42:30 AM



#80
 Butylbenzylphthalate
 Concen: 40.185 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion:149 Resp: 514014
 Ion Ratio Lower Upper
 149 100
 91 69.1 50.3 75.5
 206 19.4 18.2 27.4





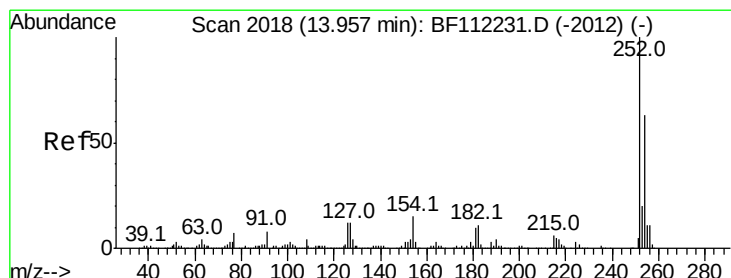
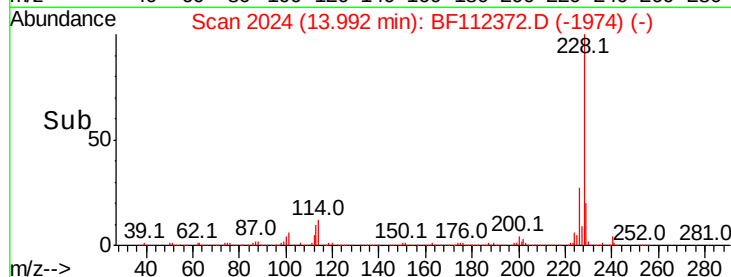
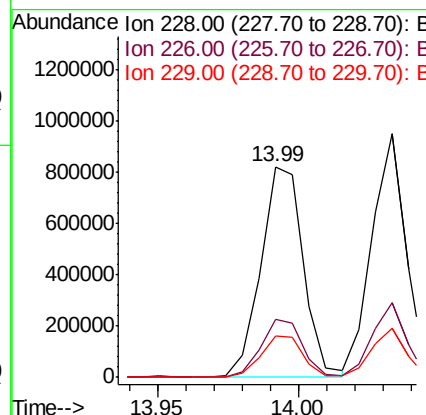
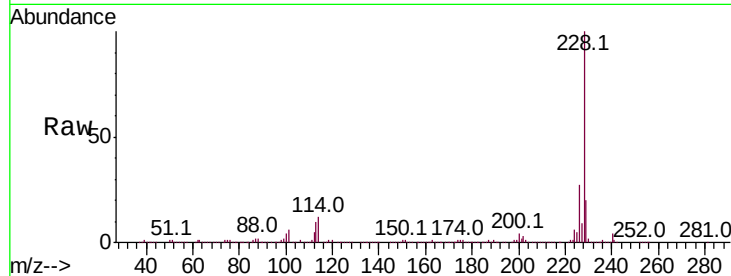
#81
Benzo(a)anthracene
Concen: 38.162 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	19.7	16.5	24.7

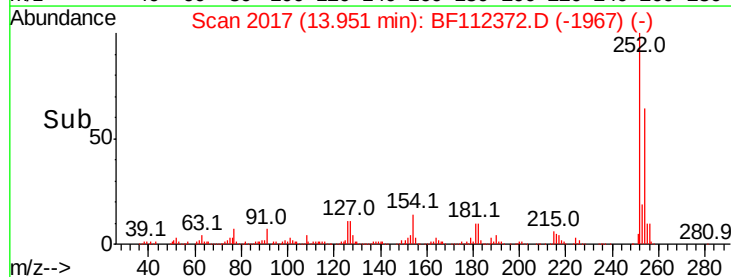
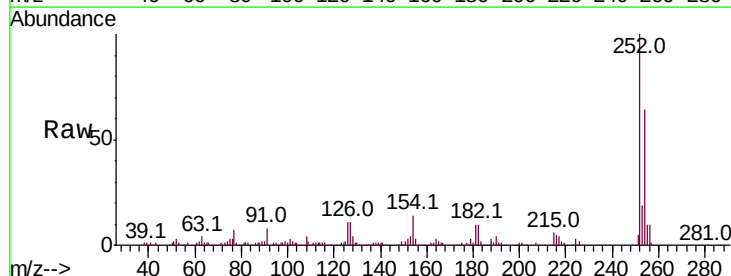
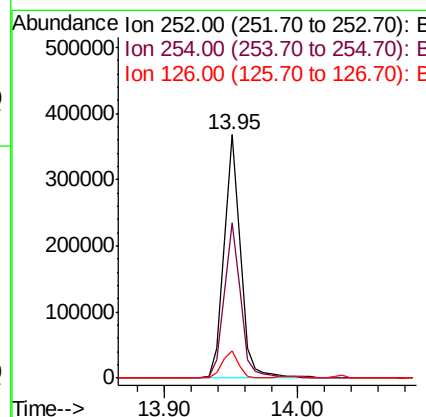
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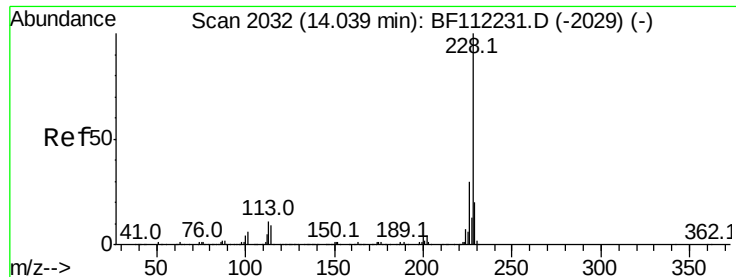
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 38.735 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.6	77.4
126	11.5	8.6	12.8





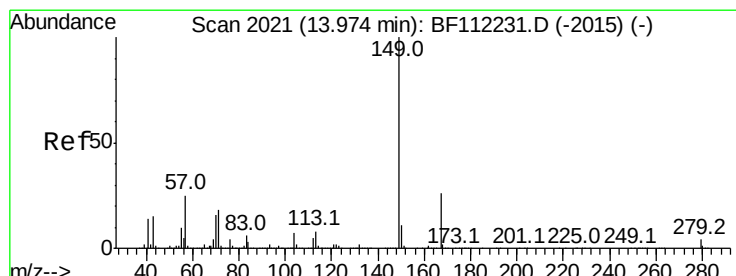
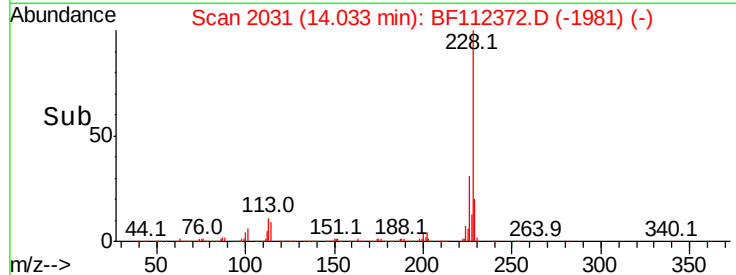
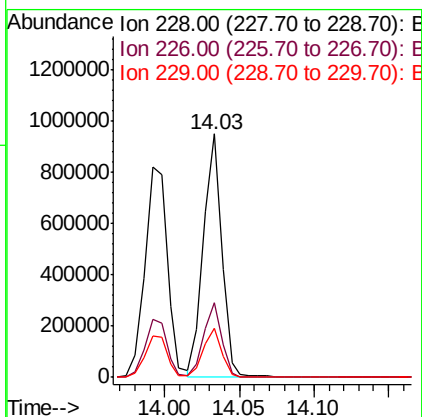
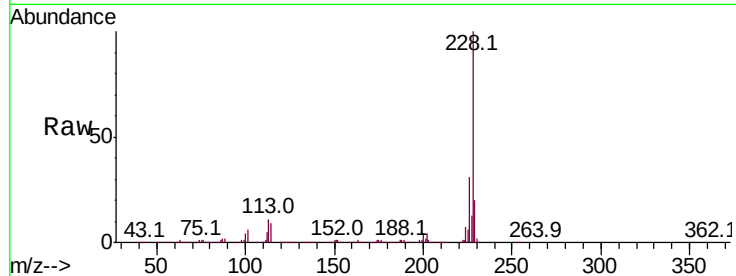
#83
 Chrvsene
 Concen: 37.773 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.0	16.6	24.8

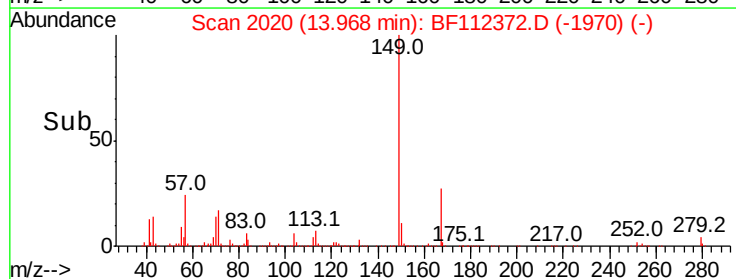
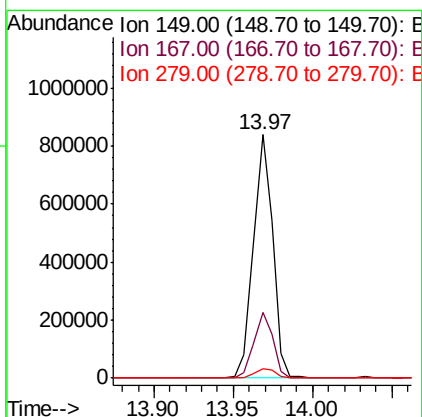
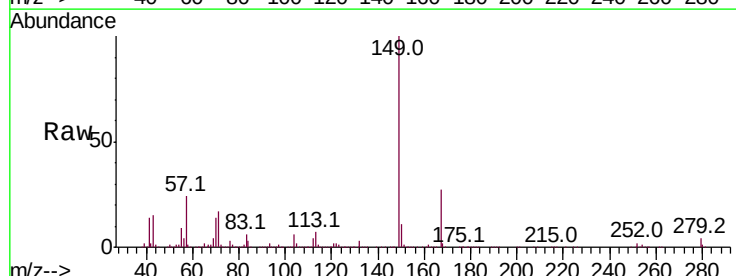
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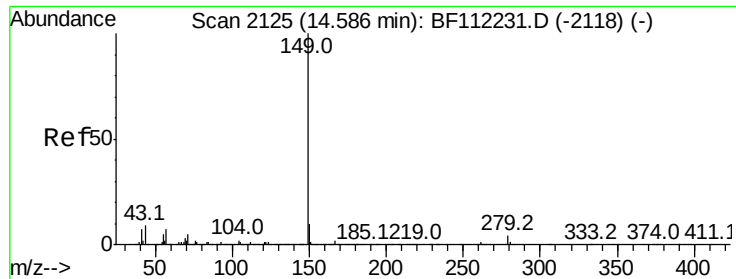
mohammad
 2/5/2019 8:42:30 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.161 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112372.D
 Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.5	33.7
279	4.0	3.8	5.6





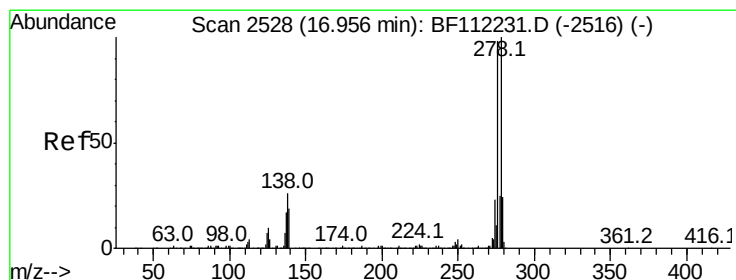
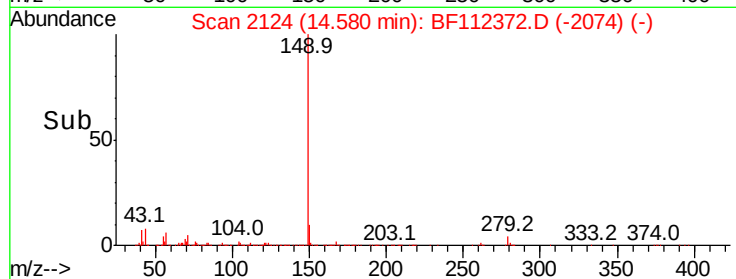
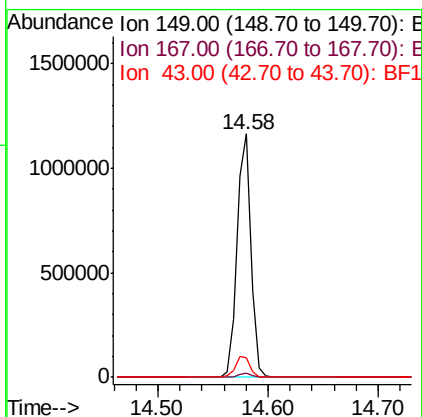
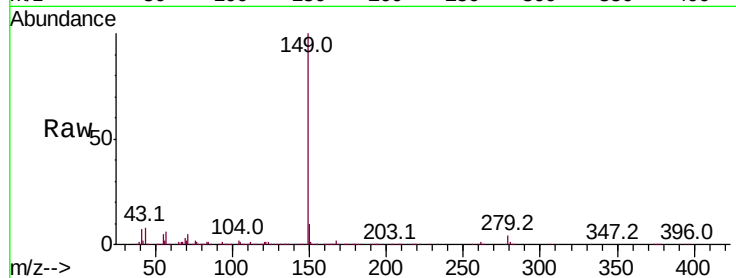
#85
Di-n-octyl phthalate
Concen: 36.812 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.7	7.8	11.6

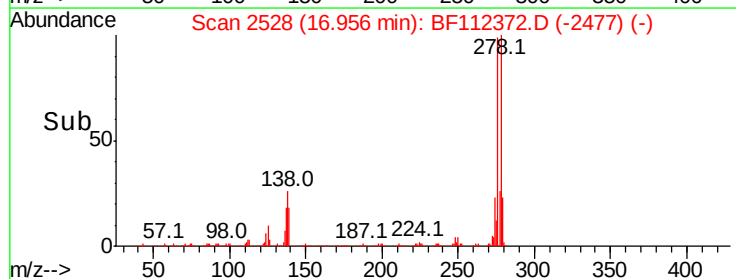
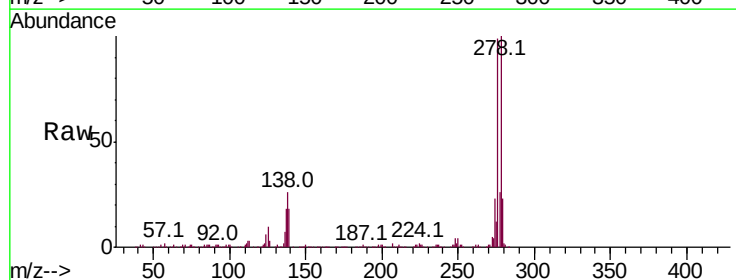
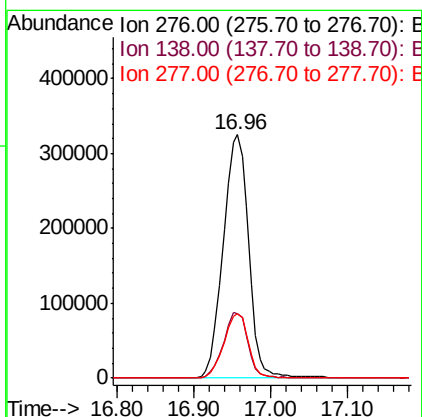
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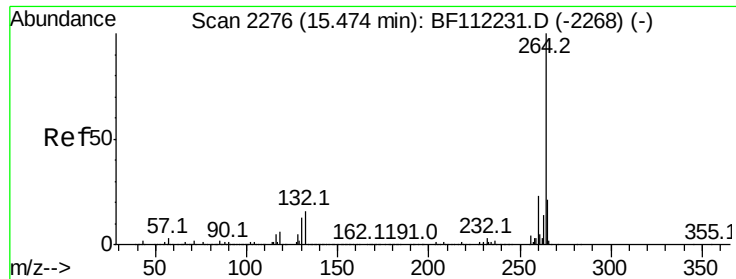
mohammad
2/5/2019 8:42:30 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.207 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Instrument :

BNA_F

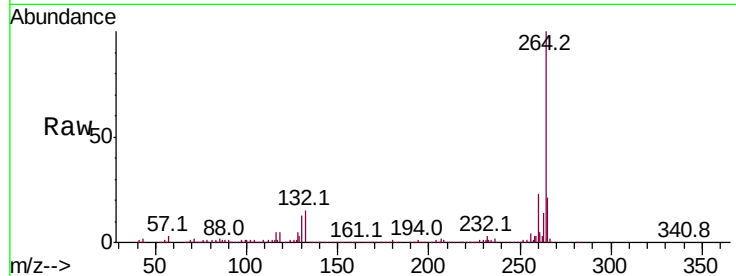
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	368696
Ion Ratio		Lower	Upper
264	100		
260	22.7	18.2	27.2
265	20.6	17.0	25.4

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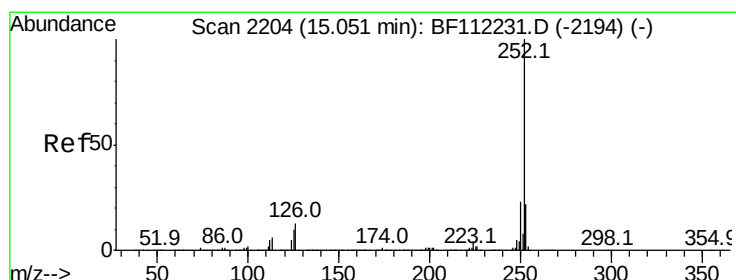
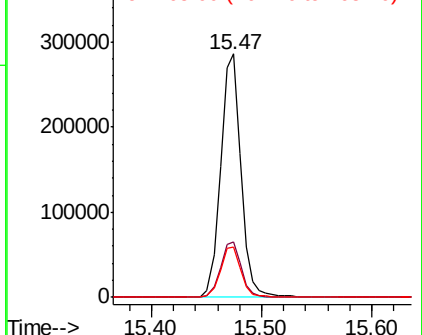
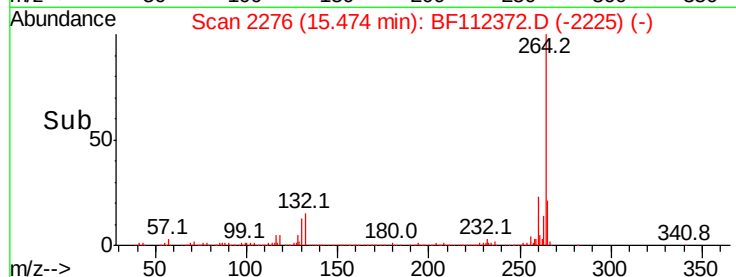


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.246 ng

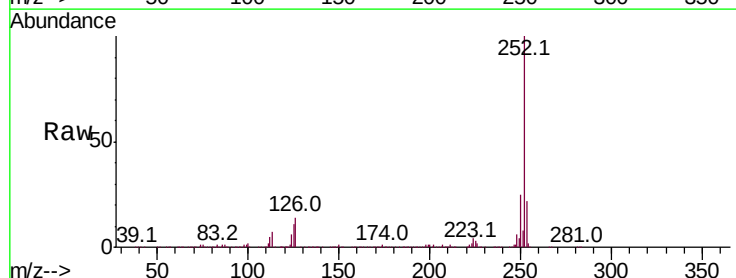
RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112372.D

Acq: 4 Feb 2019 9:39

Tgt Ion:	252	Resp:	777164
Ion Ratio		Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.0	8.7	13.1

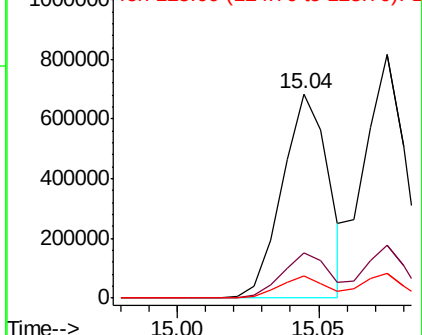
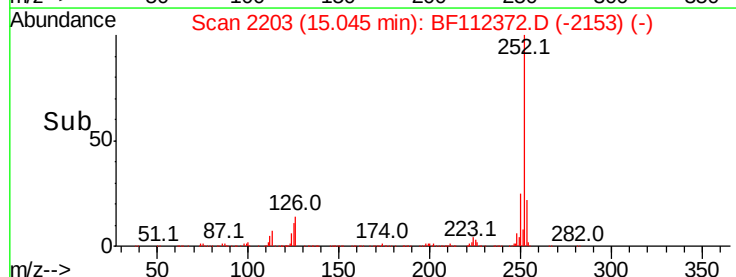


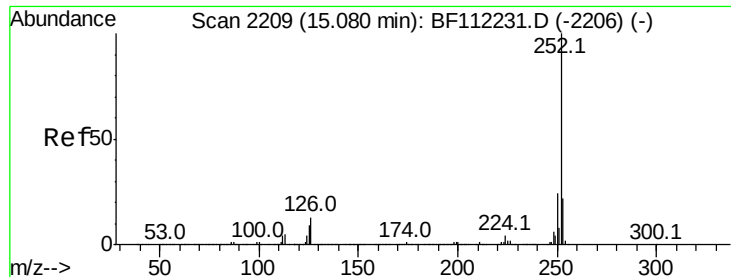
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





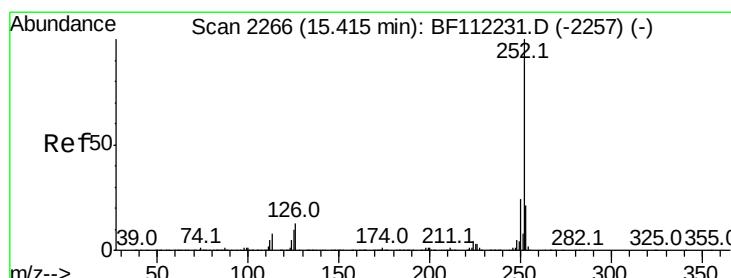
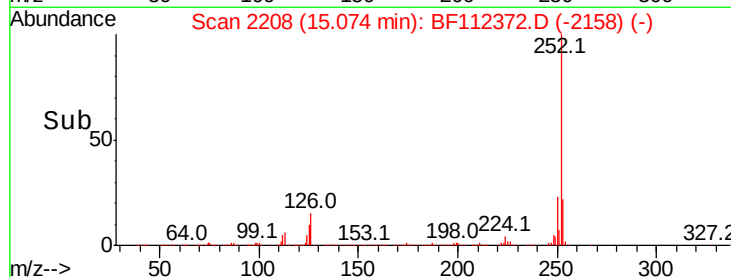
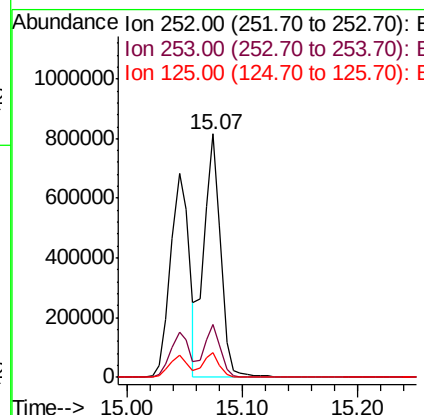
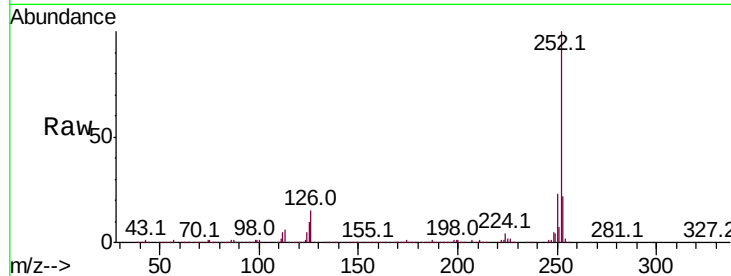
#89
Benzo(k)fluoranthene
Concen: 39.114 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	826115		
253	21.6		18.0	27.0
125	10.3		9.1	13.7

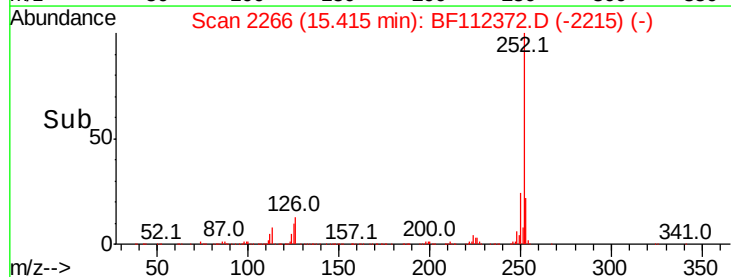
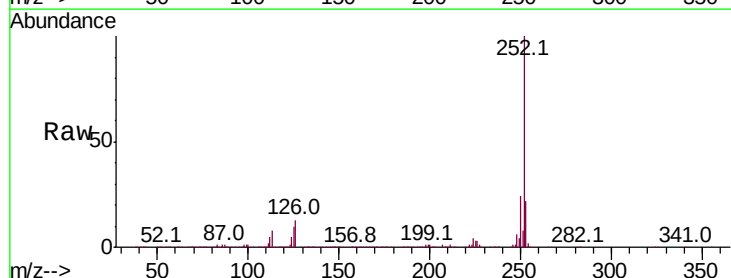
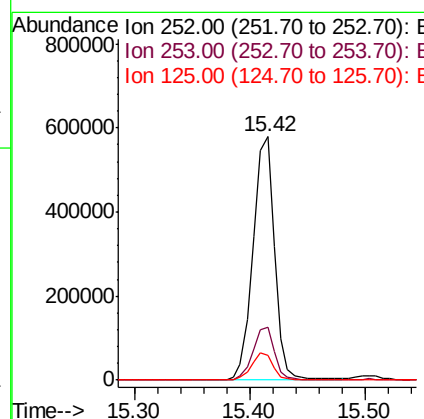
Manual Integrations
APPROVED

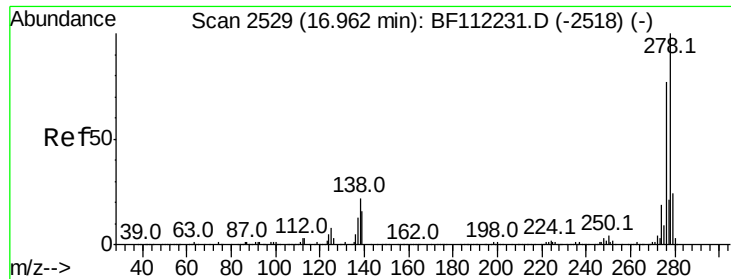
mohammad
2/5/2019 8:42:30 AM



#90
Benzo(a)pyrene
Concen: 38.192 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	757744		
253	21.6		17.5	26.3
125	10.2		9.0	13.4





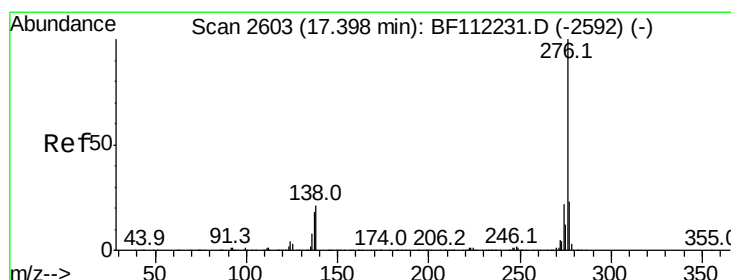
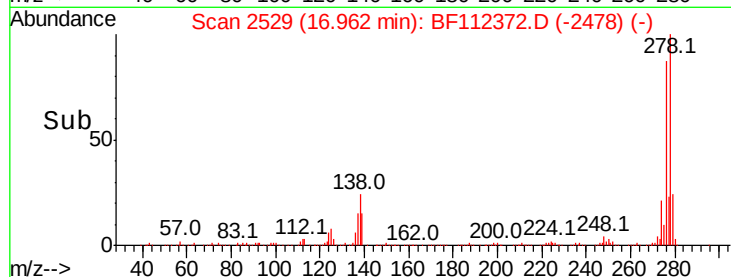
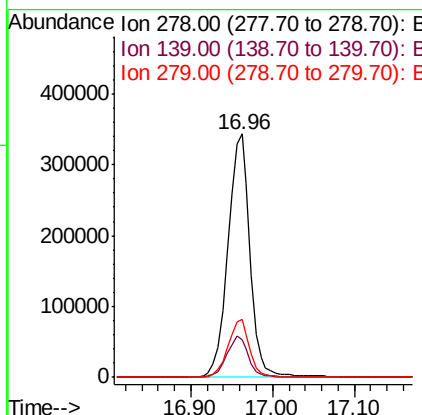
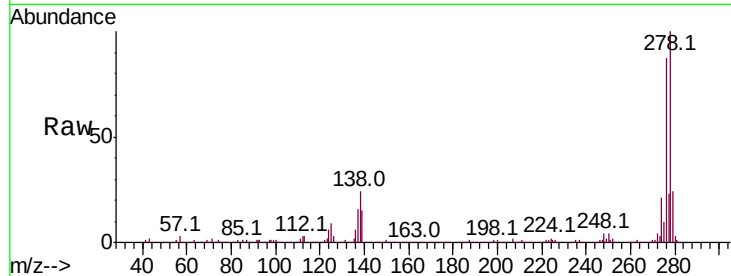
#91
Dibenzo(a,h)anthracene
Concen: 40.382 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.7	20.5
279	23.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/5/2019 8:42:30 AM



#92
Benzo(g,h,i)perylene
Concen: 38.751 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF112372.D
Acq: 4 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	22.6	19.1	28.7

