

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114364.D
 Acq On : 17 May 2019 22:30
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 5/21/2019 2:16:19 PM

Quant Time: May 18 05:48:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	177059	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	722196	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	344437	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	664346	20.00	ng	0.00
76) Chrysene-d12	14.02	240	472091	20.00	ng	0.00
87) Perylene-d12	15.49	264	477552	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	889026	80.80	ng	-0.01
7) Phenol-d6	6.49	99	1114712	85.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1048539	81.48	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	265370	74.52	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1753259	77.00	ng	0.00
79) Terphenyl-d14	12.95	244	1795260	78.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	208640	34.500	ng	99
3) Pyridine	3.29	79	603559m	36.223	ng	
4) n-Nitrosodimethylamine	3.24	42	288170m	35.864	ng	
6) Aniline	6.51	93	758304	40.341	ng	# 75
8) 2-Chlorophenol	6.64	128	505471	43.034	ng	94
9) Benzaldehyde	6.40	77	348383	38.242	ng	99
10) Phenol	6.50	94	629560	41.126	ng	83
11) bis(2-Chloroethyl)ether	6.58	93	501263	43.132	ng	96
12) 1,3-Dichlorobenzene	6.79	146	553361	41.970	ng	98
13) 1,4-Dichlorobenzene	6.86	146	557198	41.939	ng	99
14) 1,2-Dichlorobenzene	7.02	146	516664	42.565	ng	99
15) Benzyl Alcohol	6.99	79	416707	41.058	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	929703	41.258	ng	86
17) 2-Methylphenol	7.11	107	401832	41.646	ng	96
18) Hexachloroethane	7.36	117	193385	38.777	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	335029	40.618	ng	98
20) 3+4-Methylphenols	7.26	107	506068	45.396	ng	# 72
22) Acetophenone	7.26	105	666226	41.642	ng	# 92
24) Nitrobenzene	7.43	77	540621	41.247	ng	100
25) Isophorone	7.67	82	953752	39.962	ng	99
26) 2-Nitrophenol	7.75	139	260410	40.951	ng	96
27) 2,4-Dimethylphenol	7.79	122	377748	37.823	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	635188	41.018	ng	100
29) 2,4-Dichlorophenol	7.99	162	412891	41.517	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	447583	39.578	ng	99
31) Naphthalene	8.15	128	1400947	41.528	ng	99
32) Benzoic acid	7.91	122	130134	22.622	ng	99
33) 4-Chloroaniline	8.20	127	657782	42.789	ng	98
34) Hexachlorobutadiene	8.27	225	253004	39.320	ng	99
35) Caprolactam	8.57	113	150025	46.264	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	437120	43.666	ng	100
37) 2-Methylnaphthalene	8.85	142	929230	42.693	ng	97
38) 1-Methylnaphthalene	8.94	142	874127	42.646	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	429180	41.134	ng	98

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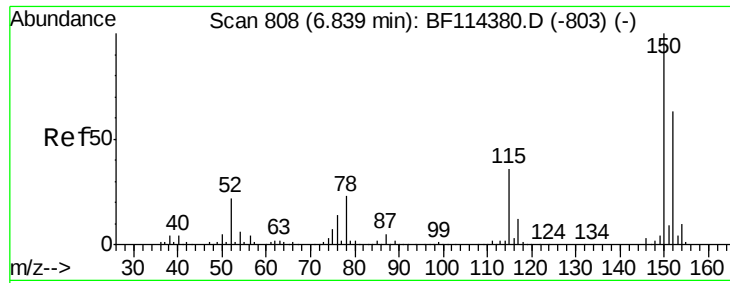
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	8627	6.003	ng	96
43) 2,4,6-Trichlorophenol	9.13	196	285995	39.851	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	293901	39.932	ng	97
46) 1,1'-Biphenyl	9.30	154	1141007	41.005	ng	98
47) 2-Chloronaphthalene	9.33	162	893841	39.914	ng	98
48) 2-Nitroaniline	9.43	65	334947	42.174	ng	98
49) Acenaphthylene	9.75	152	1393473	40.912	ng	99
50) Dimethylphthalate	9.60	163	1043185	41.257	ng	100
51) 2,6-Dinitrotoluene	9.67	165	228800	40.798	ng	97
52) Acenaphthene	9.92	154	817689	39.123	ng	99
53) 3-Nitroaniline	9.85	138	301963	43.375	ng	92
54) 2,4-Dinitrophenol	9.96	184	22712	14.120	ng	93
55) Dibenzofuran	10.09	168	1208233	39.423	ng	95
56) 4-Nitrophenol	10.02	139	172141	34.965	ng	87
57) 2,4-Dinitrotoluene	10.08	165	295408	38.808	ng	95
58) Fluorene	10.43	166	962397	40.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	231261	36.416	ng	99
60) Diethylphthalate	10.30	149	1040982	40.519	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	468126	40.263	ng	99
62) 4-Nitroaniline	10.46	138	316610	43.280	ng	95
63) Azobenzene	10.58	77	996735	40.082	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	48444	15.175	ng	80
66) n-Nitrosodiphenylamine	10.54	169	854995	42.404	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	304617	41.644	ng	98
68) Hexachlorobenzene	10.99	284	323446	39.971	ng	# 90
69) Atrazine	11.07	200	247711	39.478	ng	97
70) Pentachlorophenol	11.19	266	135102	35.220	ng	99
71) Phenanthrene	11.40	178	1353802	41.886	ng	98
72) Anthracene	11.45	178	1372538	42.279	ng	99
73) Carbazole	11.60	167	1327342	42.877	ng	98
74) Di-n-butylphthalate	11.92	149	1622340	45.488	ng	99
75) Fluoranthene	12.59	202	1401491	40.266	ng	99
77) Benzidine	12.70	184	863365	40.741	ng	96
78) Pyrene	12.82	202	1445668	38.067	ng	98
80) Butylbenzylphthalate	13.42	149	685340	42.874	ng	100
81) Benzo(a)anthracene	14.00	228	1298839	42.537	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	539135	45.515	ng	99
83) Chrysene	14.04	228	1250788	41.787	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	921737	44.089	ng	100
85) Di-n-octyl phthalate	14.60	149	1562090	46.092	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1047971	39.615	ng	99
88) Benzo(b)fluoranthene	15.06	252	1395012	45.597	ng	99
89) Benzo(k)fluoranthene	15.09	252	1139491	40.545	ng	99
90) Benzo(a)pyrene	15.43	252	1156660	42.957	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	876894	39.192	ng	100
92) Benzo(g,h,i)perylene	17.42	276	815317	36.362	ng	99

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



#1

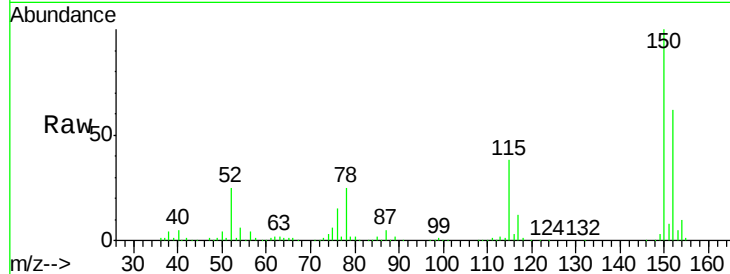
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

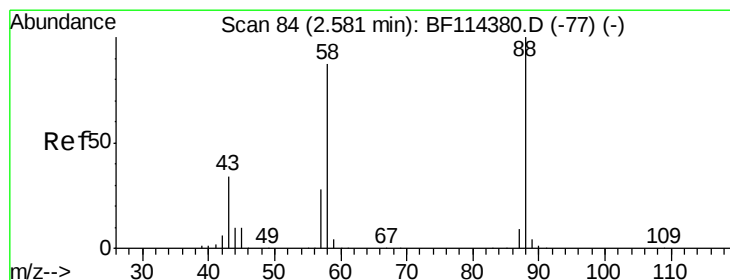
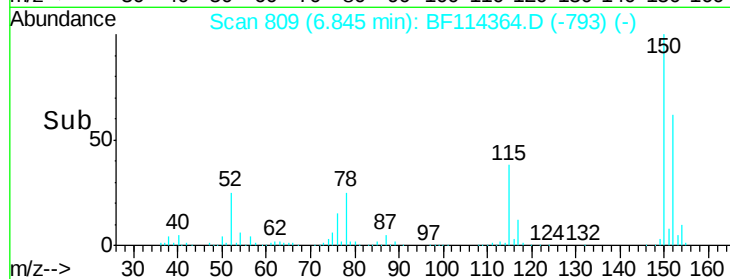
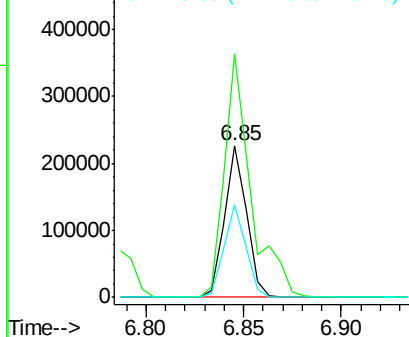
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.3	186.5
115	60.8	49.1	73.7

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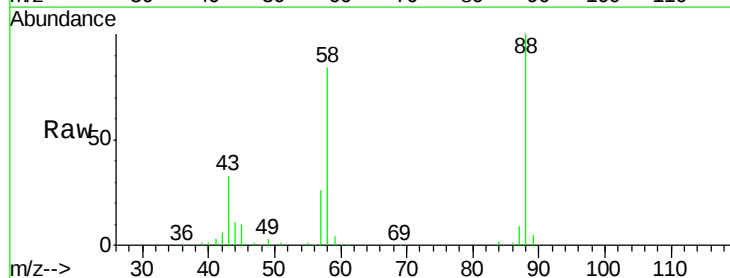
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



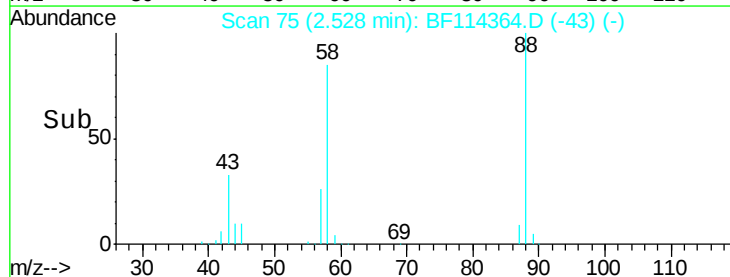
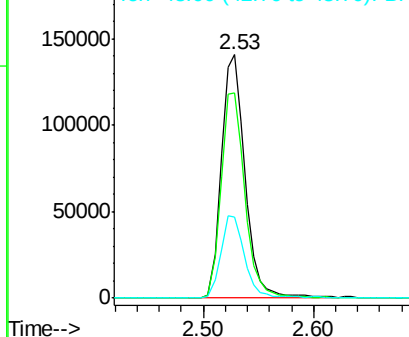
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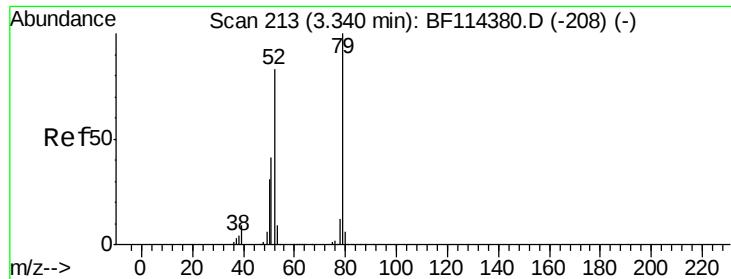
1,4-Dioxane
Concen: 34.500 ng
RT: 2.53 min Scan# 75
Delta R.T. -0.11 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	68.7	103.1
43	33.9	28.2	42.2



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

Pyridine

Concen: 36.223 ng m

RT: 3.29 min Scan# 204

Delta R.T. -0.10 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

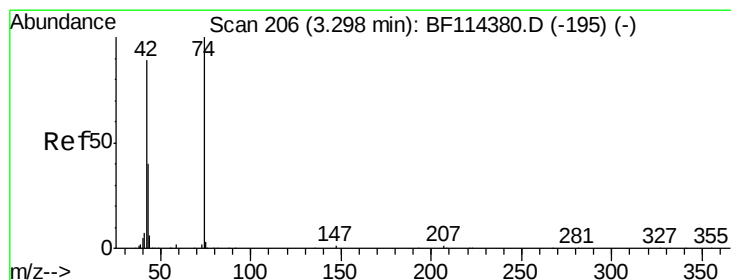
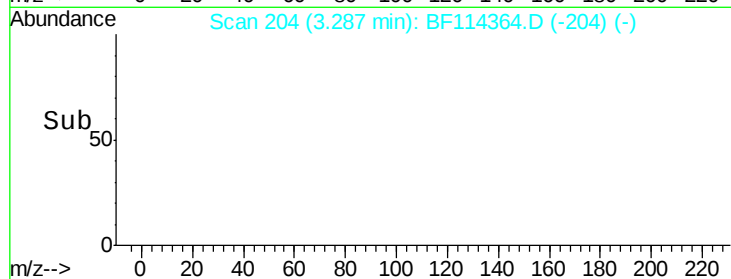
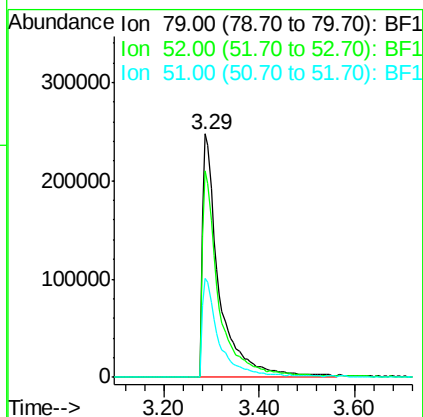
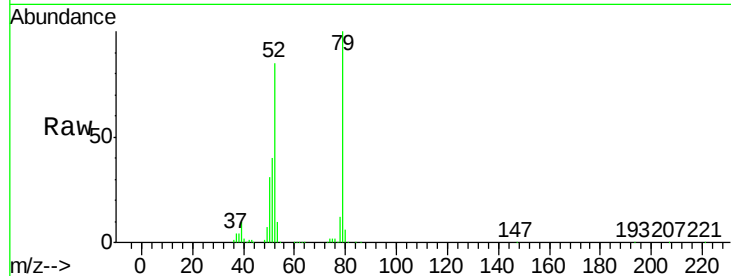
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	603559
Ion	Ratio	Lower	Upper
79	100		
52	84.8	70.6	105.8
51	40.4	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 35.864 ng m

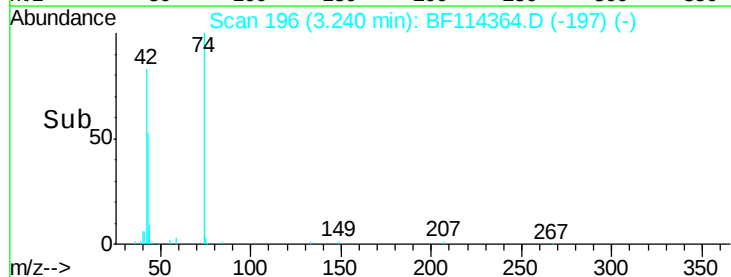
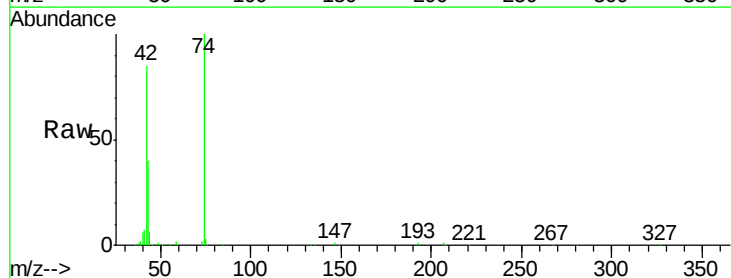
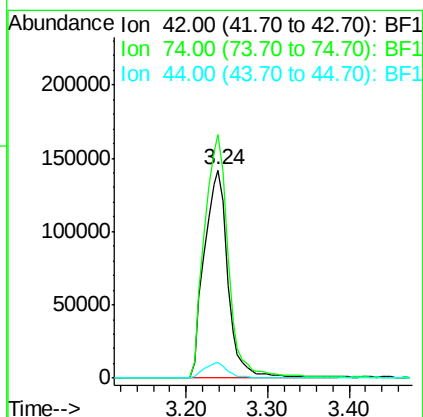
RT: 3.24 min Scan# 196

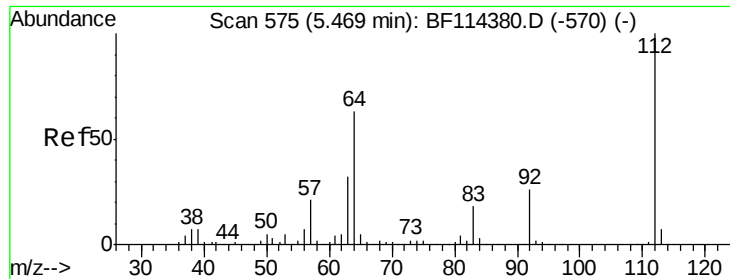
Delta R.T. -0.11 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	42	Resp:	288170
Ion	Ratio	Lower	Upper
42	100		
74	117.1	88.6	132.8
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 80.802 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

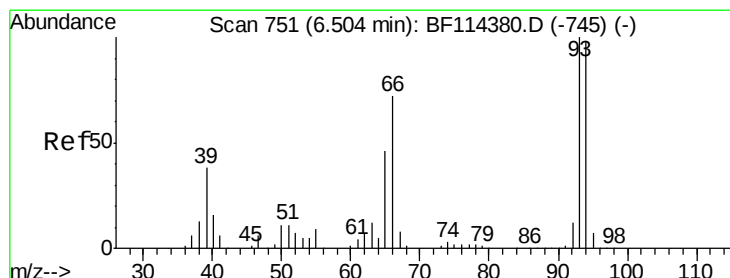
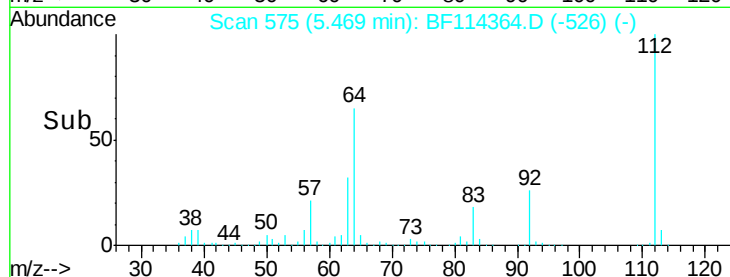
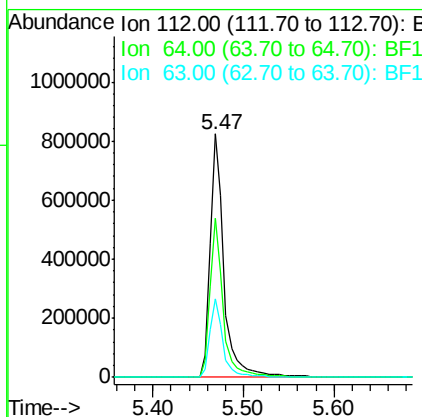
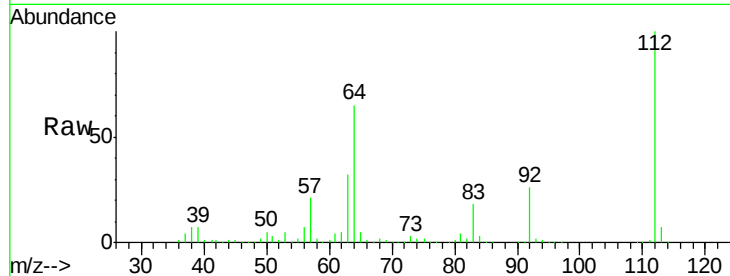
ClientSampled :

SSTDCCC040

Tgt Ion:	112	Resp:	889026
Ion Ratio		Lower	Upper
112	100		
64	65.1	49.0	73.6
63	32.3	24.6	37.0

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#6

Aniline

Concen: 40.341 ng

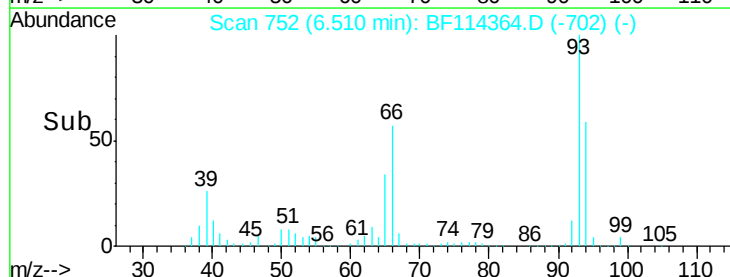
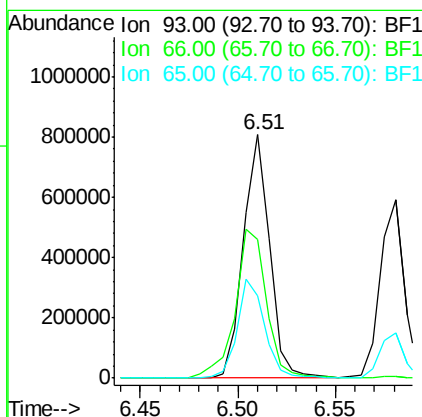
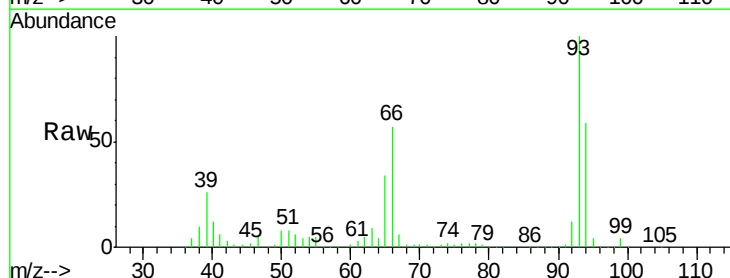
RT: 6.51 min Scan# 752

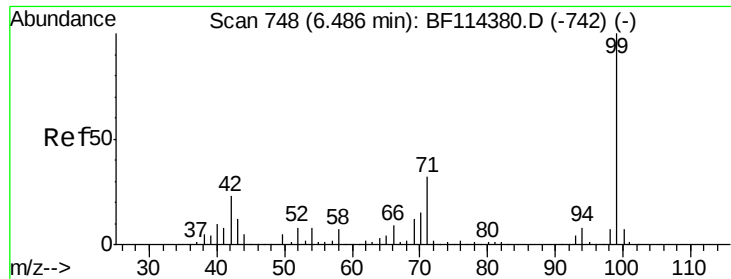
Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	93	Resp:	758304
Ion Ratio		Lower	Upper
93	100		
66	57.1	33.2	49.8#
65	33.7	17.6	26.4#





#7

Phenol-d6

Concen: 85.661 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1114712

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

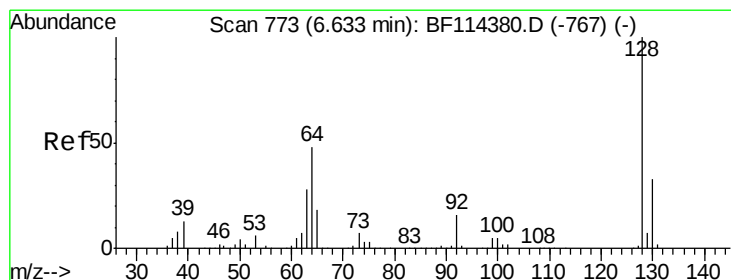
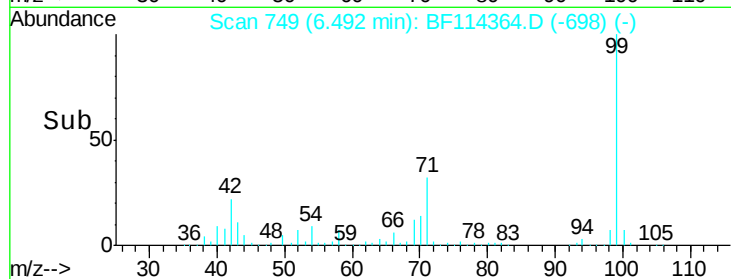
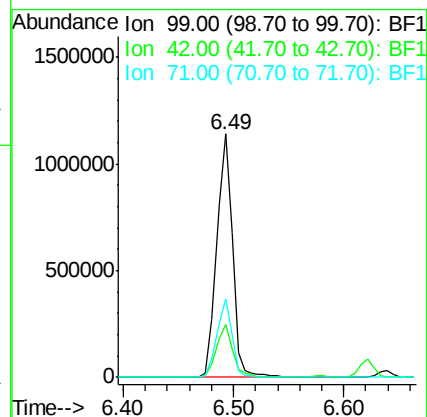
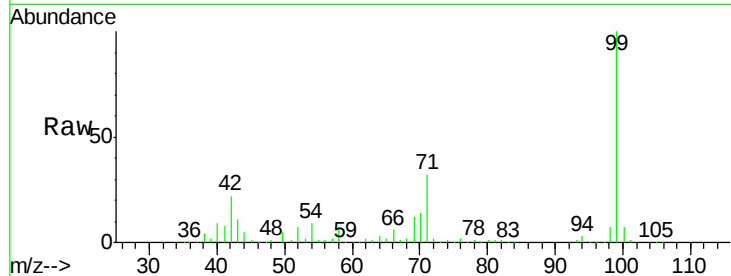
71 32.0 26.2 39.2

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#8

2-Chlorophenol

Concen: 43.034 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

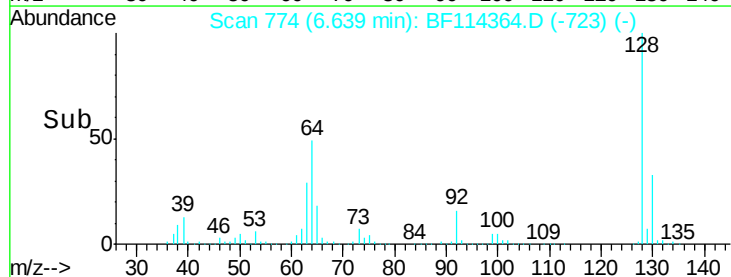
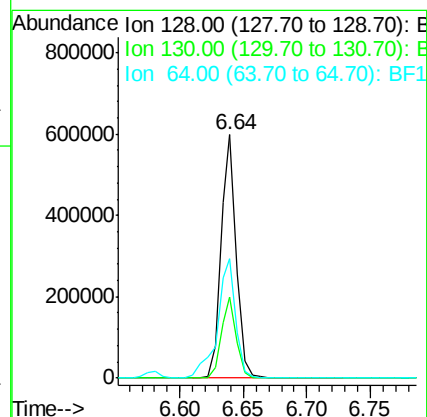
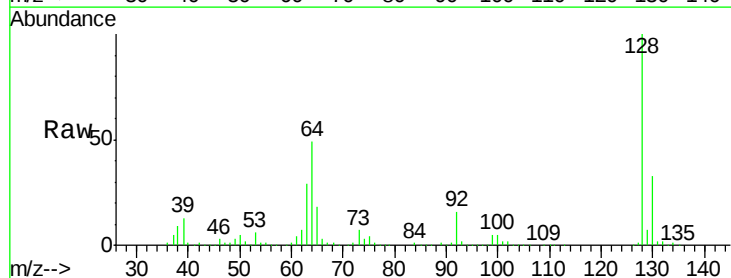
Tgt Ion: 128 Resp: 505471

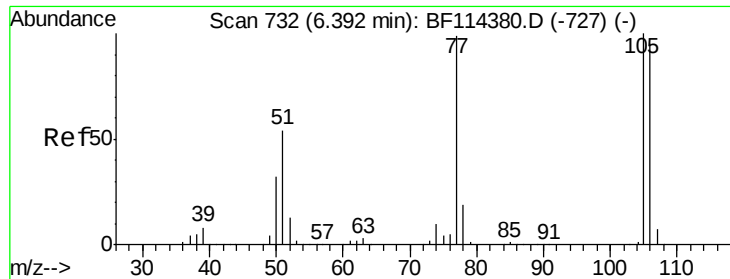
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 49.0 35.9 75.9





#9

Benzaldehyde

Concen: 38.242 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

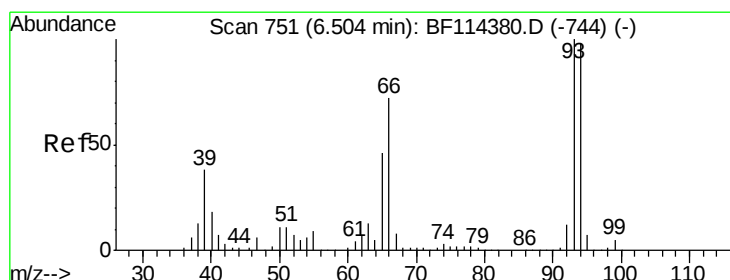
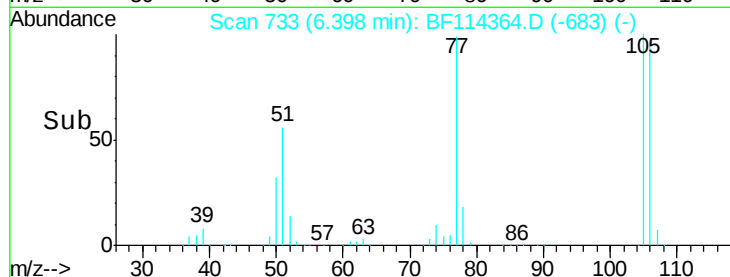
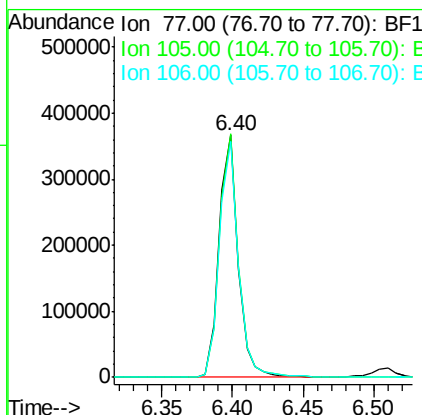
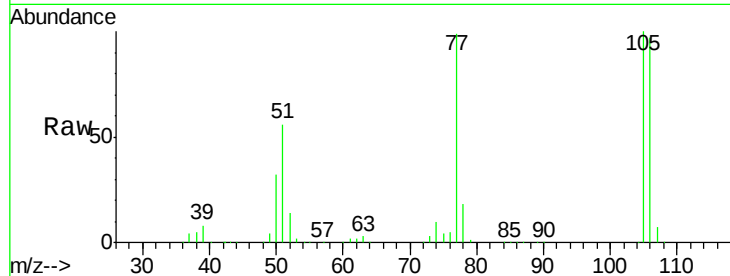
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	348383
Ion	Ratio	Lower	Upper
77	100		
105	100.5	79.3	119.3
106	97.4	77.0	117.0

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#10

Phenol

Concen: 41.126 ng

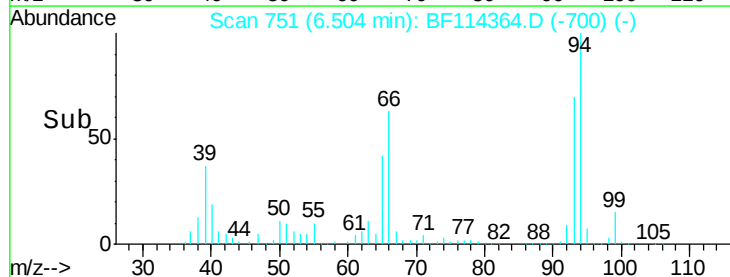
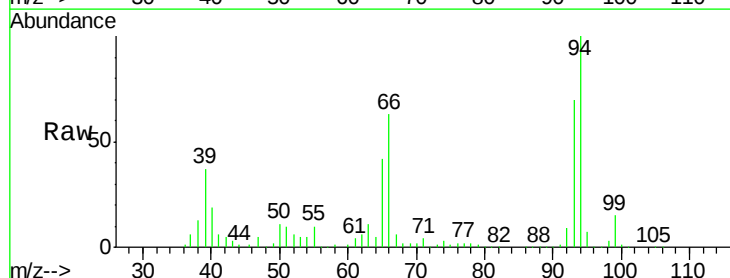
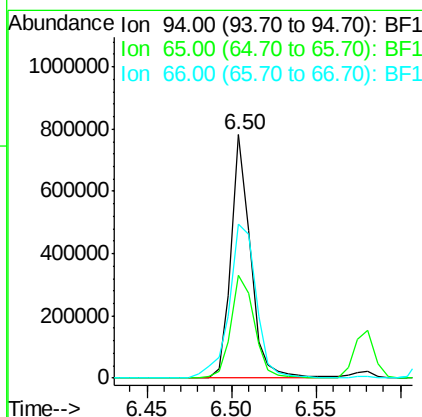
RT: 6.50 min Scan# 751

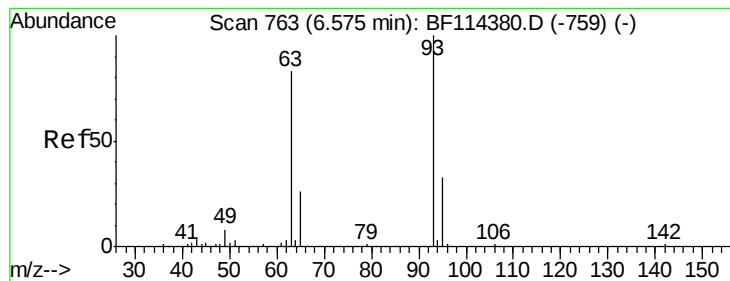
Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	94	Resp:	629560
Ion	Ratio	Lower	Upper
94	100		
65	42.0	14.7	54.7
66	63.0	29.6	69.6





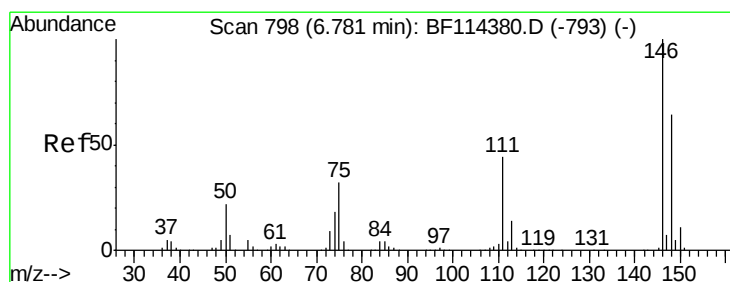
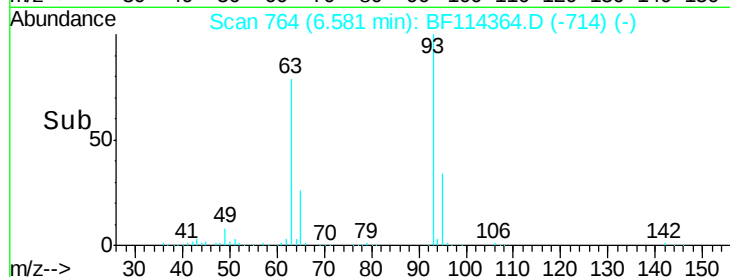
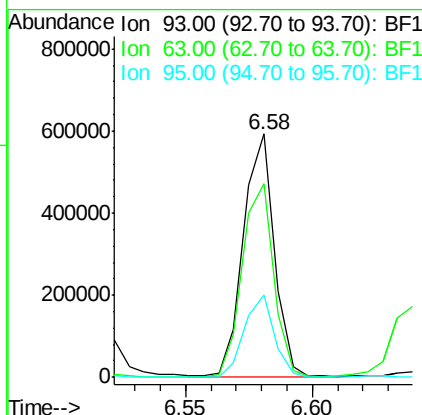
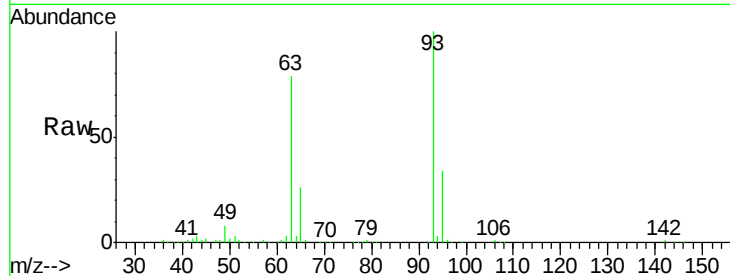
#11
bis(2-Chloroethyl)ether
Concen: 43.132 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.5	63.6	103.6
95	33.6	13.1	53.1

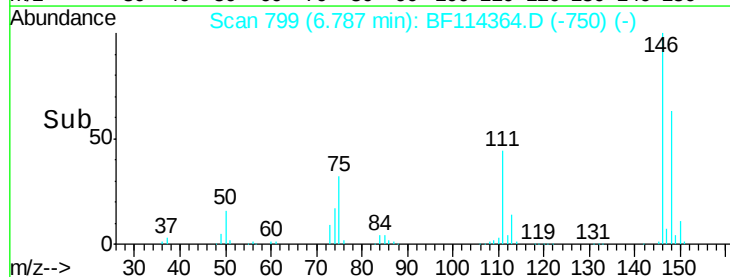
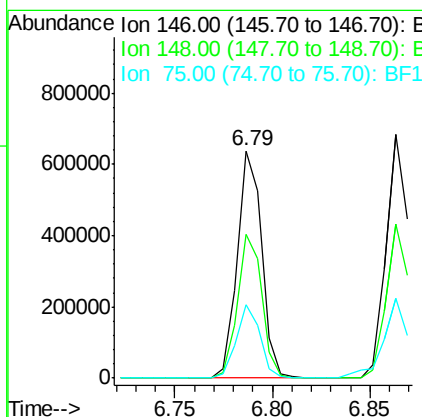
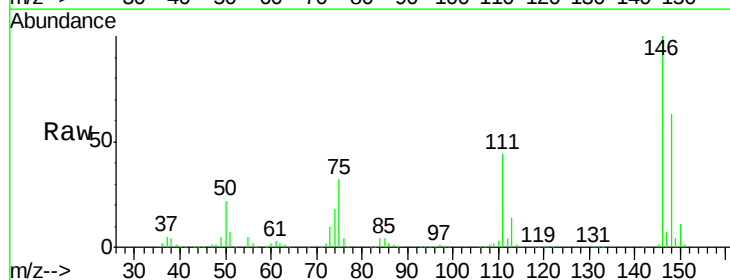
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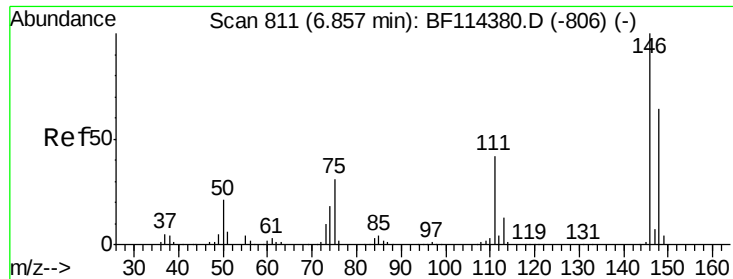
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.970 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.6	77.4
75	32.3	24.2	36.2





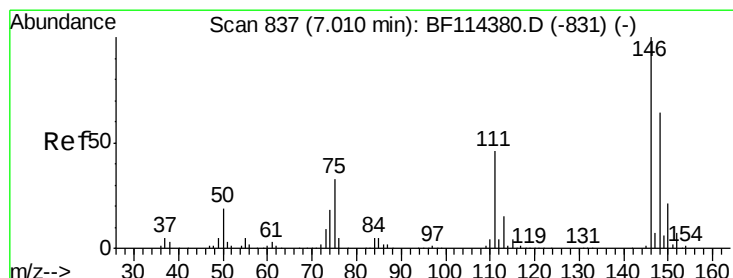
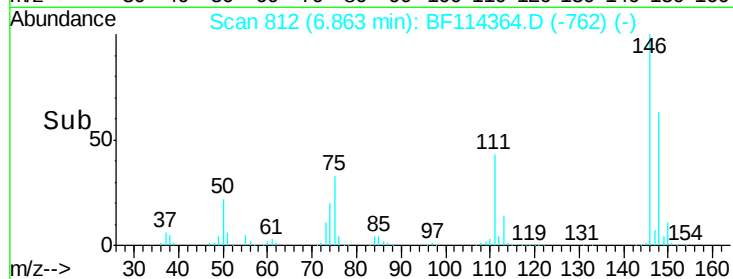
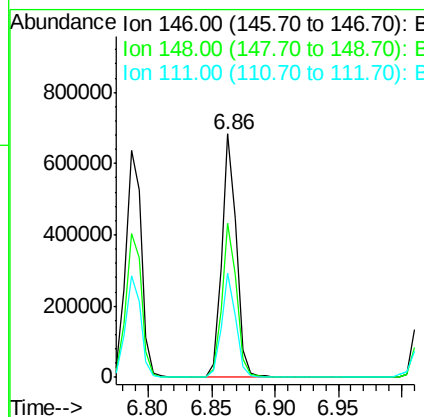
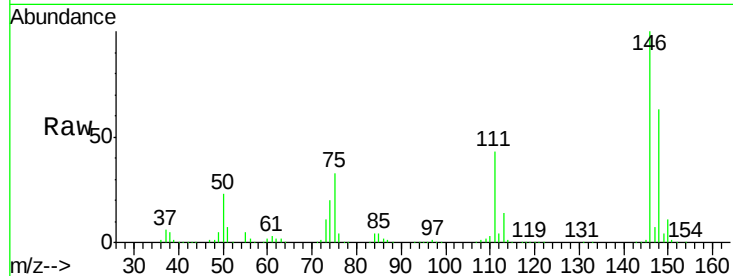
#13
 1,4-Dichlorobenzene
 Concen: 41.939 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.2	75.2
111	43.0	35.8	53.6

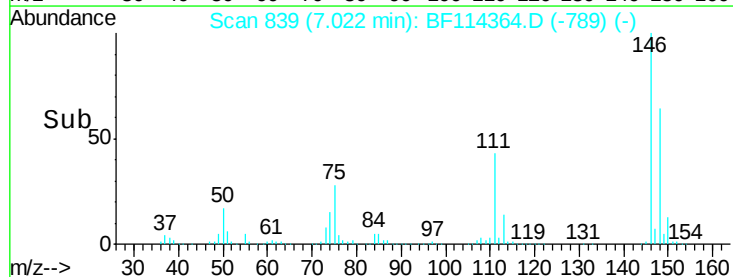
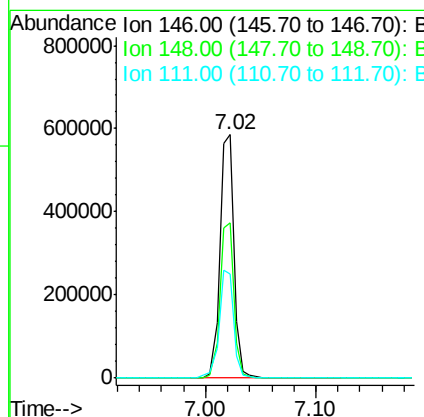
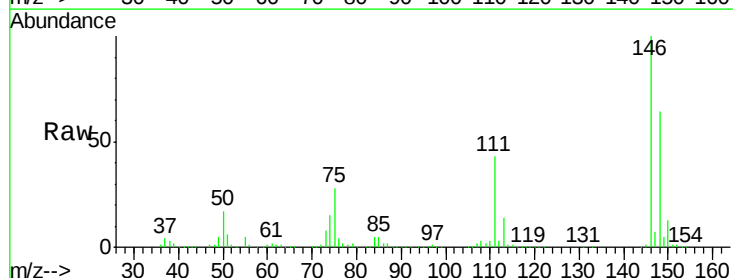
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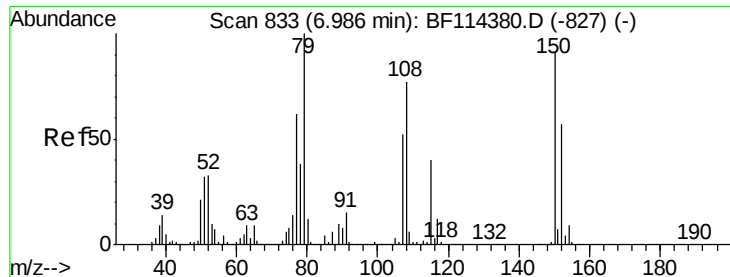
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.565 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	42.9	35.3	52.9





#15

Benzyl Alcohol

Concen: 41.058 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

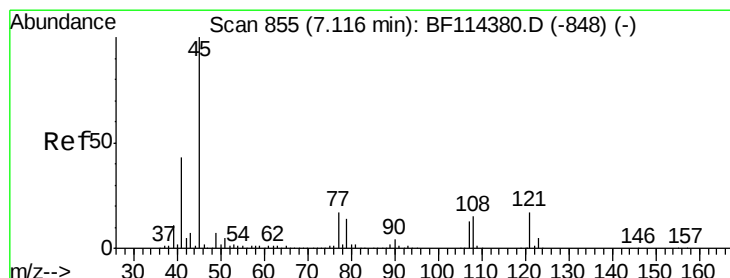
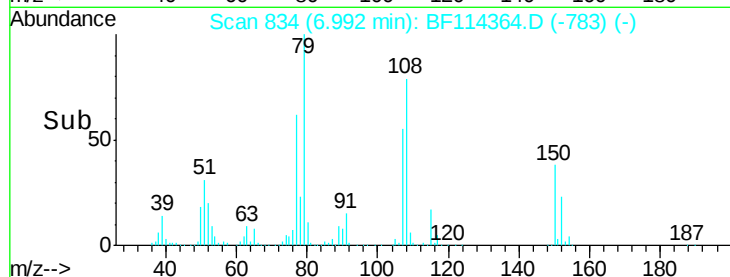
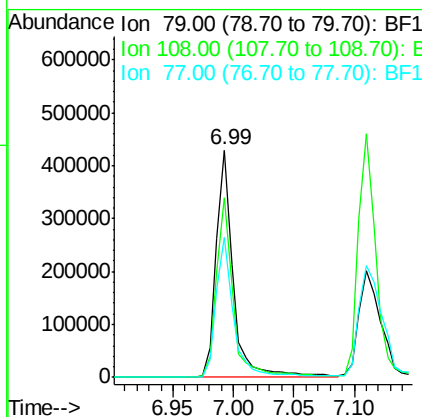
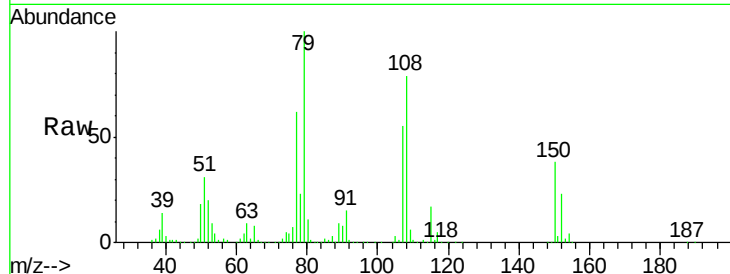
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	416707
Ion Ratio	Lower	Upper	
79	100		
108	79.3	62.1	93.1
77	61.5	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.258 ng

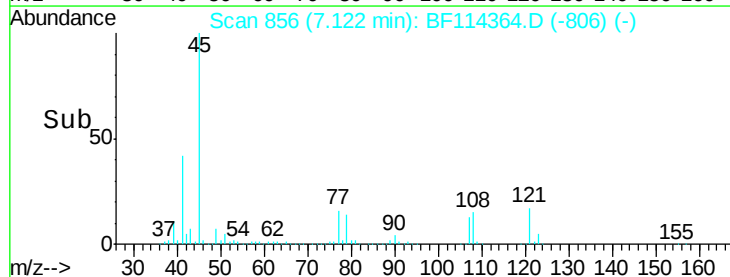
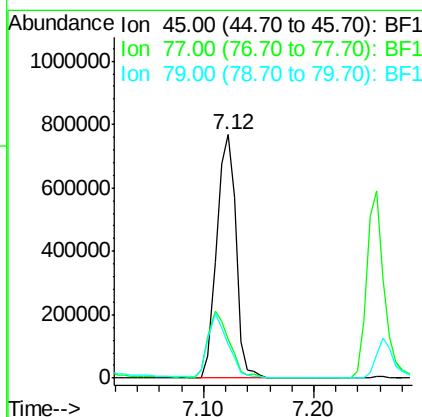
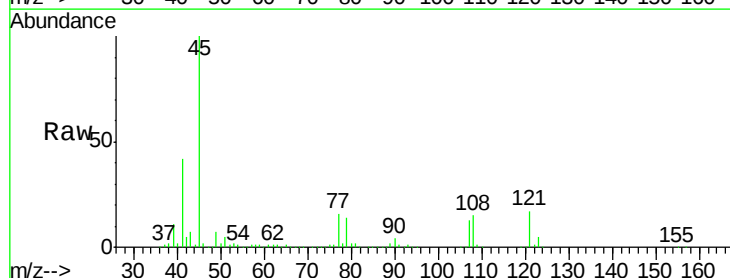
RT: 7.12 min Scan# 856

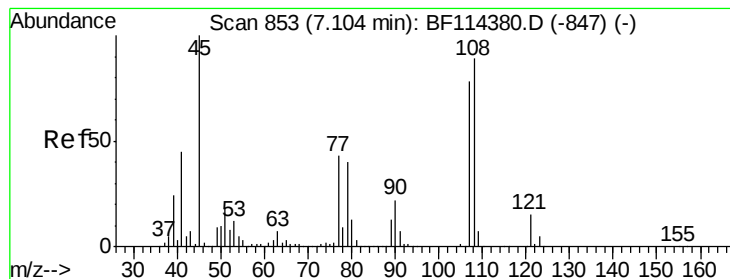
Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	45	Resp:	929703
Ion Ratio	Lower	Upper	
45	100		
77	16.2	0.0	31.1
79	13.8	0.0	28.4





#17

2-Methylphenol

Concen: 41.646 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

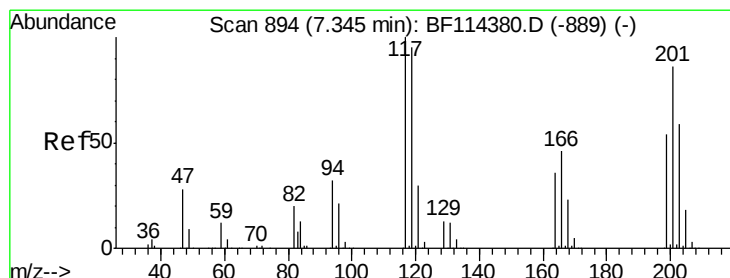
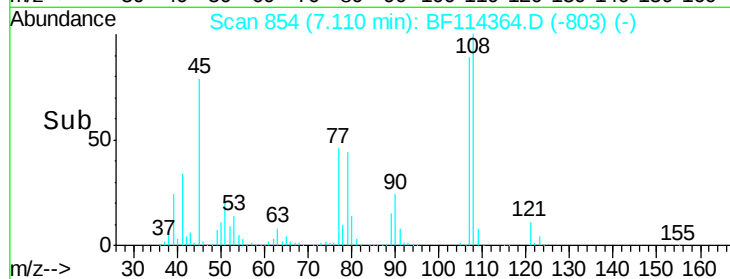
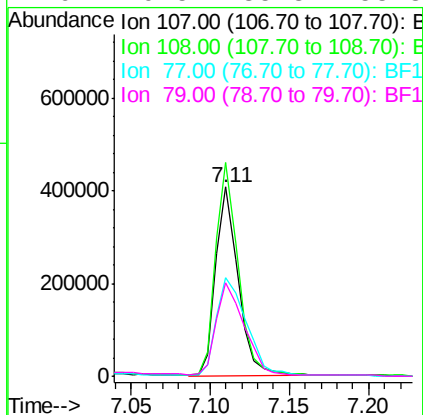
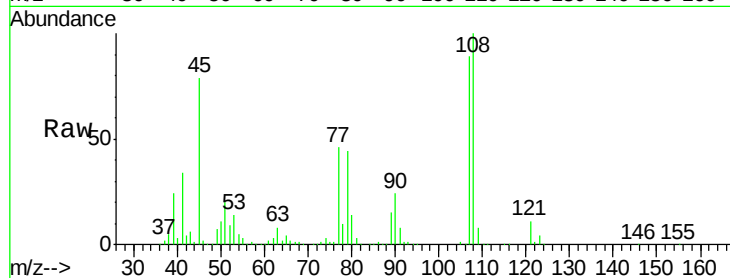
ClientSampleId :

SSTDCCC040

Tgt Ion:	107	Resp:	401832
Ion Ratio	Lower	Upper	
107	100		
108	113.0	90.5	135.7
77	52.1	37.0	55.4
79	49.5	35.8	53.8

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#18

Hexachloroethane

Concen: 38.777 ng

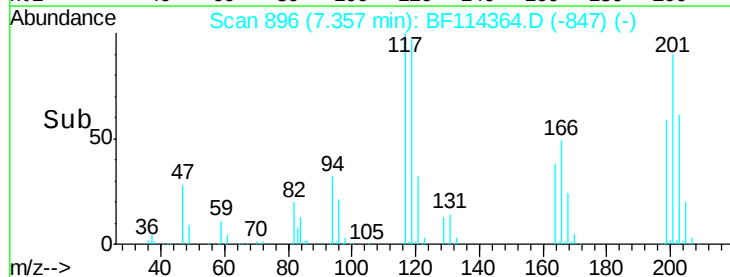
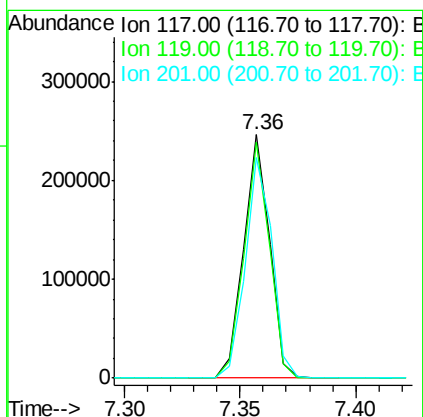
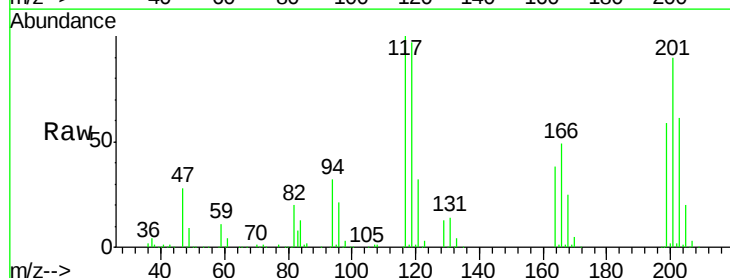
RT: 7.36 min Scan# 896

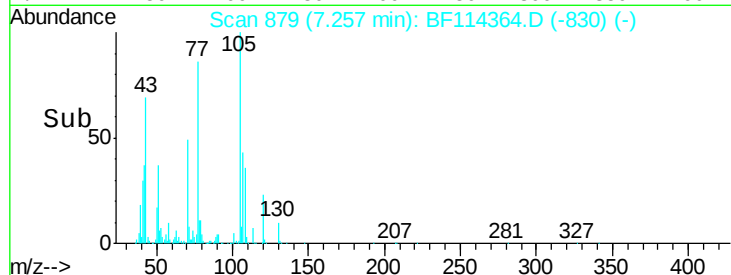
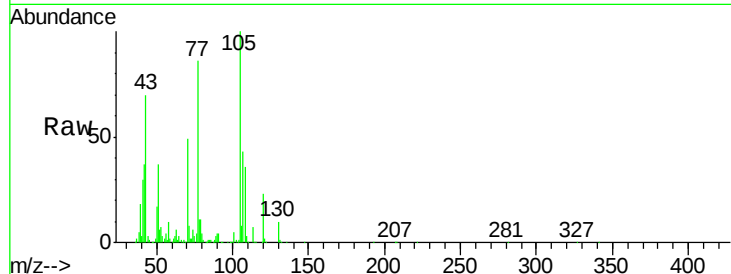
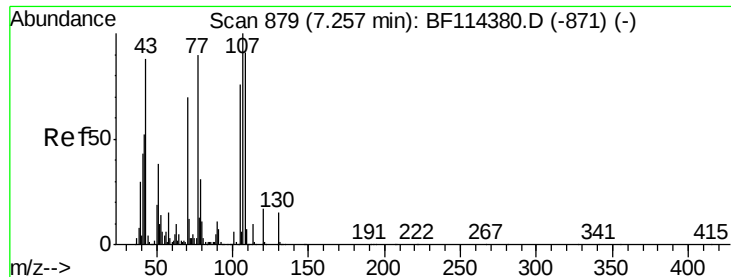
Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	117	Resp:	193385
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.4	116.2
201	90.4	74.5	111.7





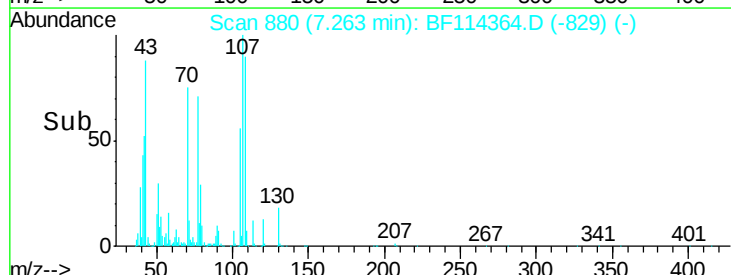
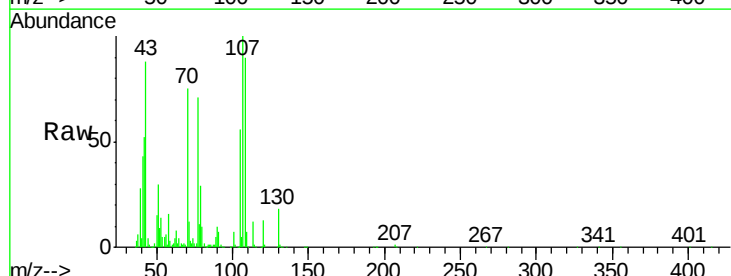
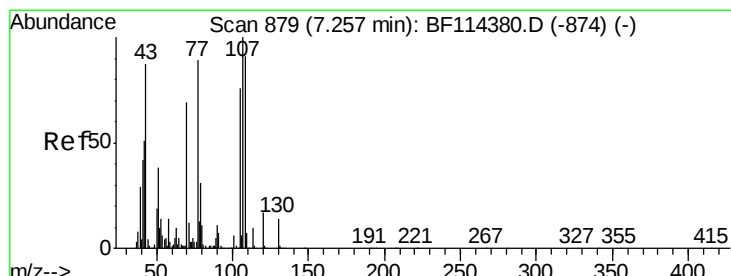
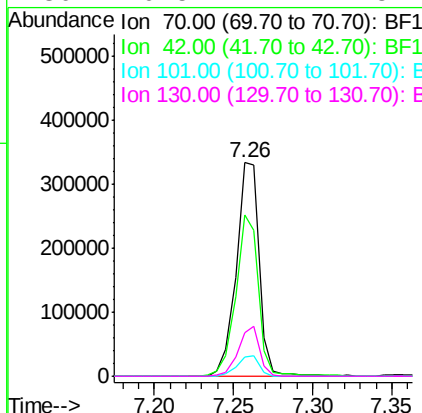
#19
n-Nitroso-di-n-propylamine
Concen: 40.618 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.6	58.6	87.8
101	9.2	7.8	11.8
130	20.5	17.1	25.7

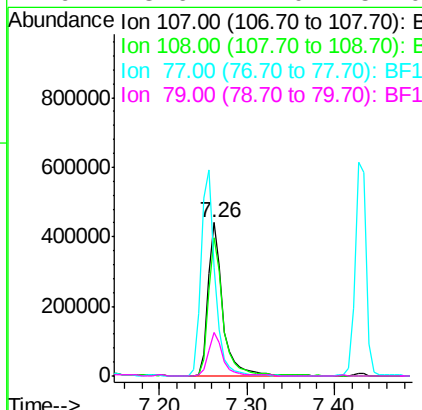
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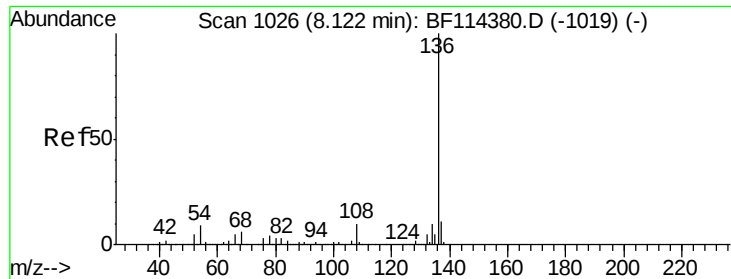
mohammad
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#20
3+4-Methylphenols
Concen: 45.396 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	73.8	113.8
77	71.4	111.5	151.5#
79	28.6	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

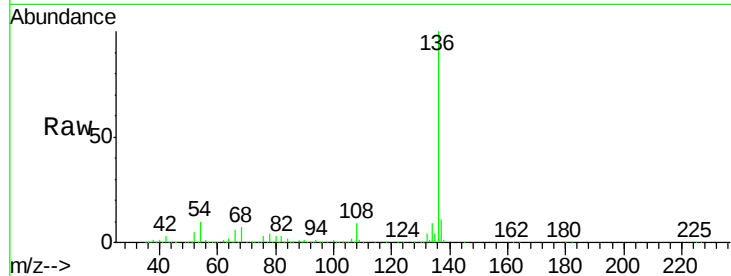
ClientSampleId :

SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		722196		
137	10.9		8.8	13.2	
54	9.8		7.8	11.8	
68	6.7		5.1	7.7	

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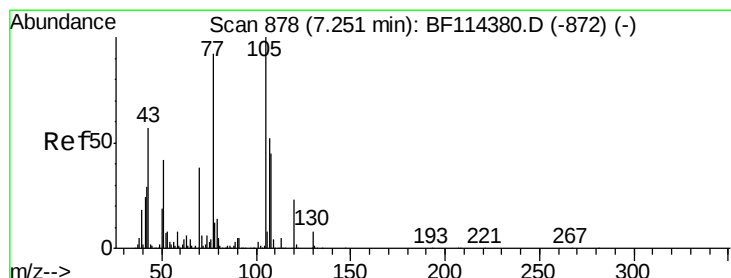
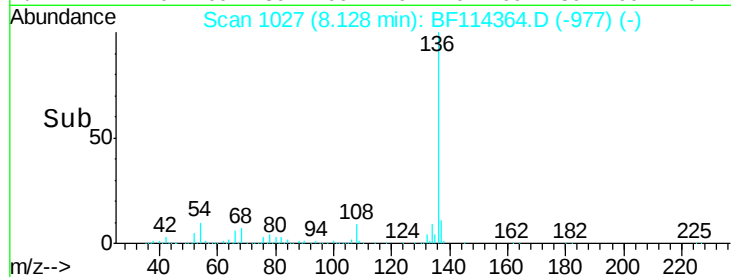
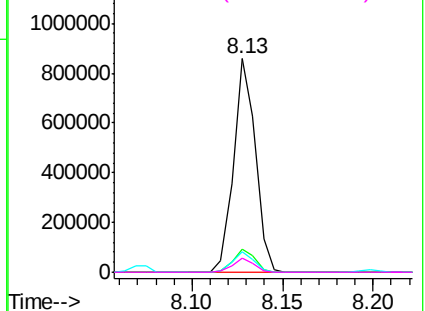


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.642 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

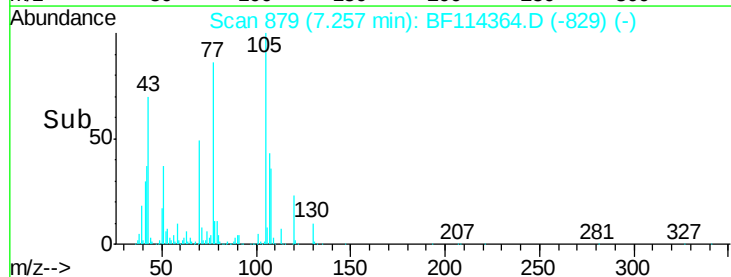
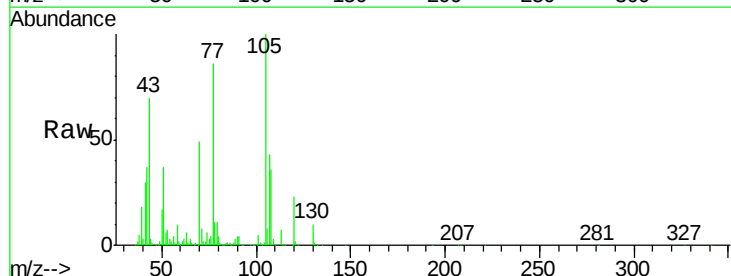
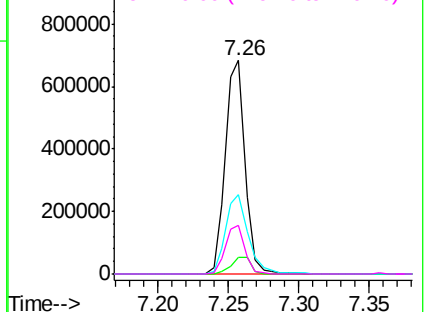
Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		666226		
71	8.0		5.3	7.9#	
51	37.3		36.2	54.4	
120	22.7		18.6	28.0	

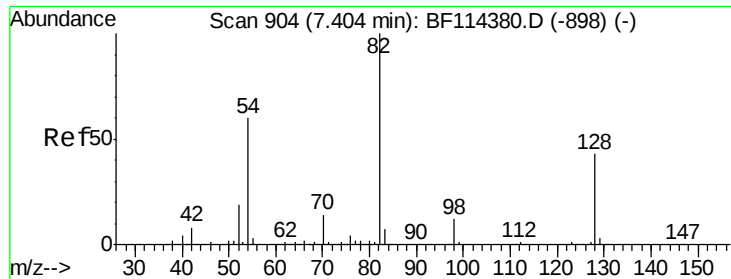
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





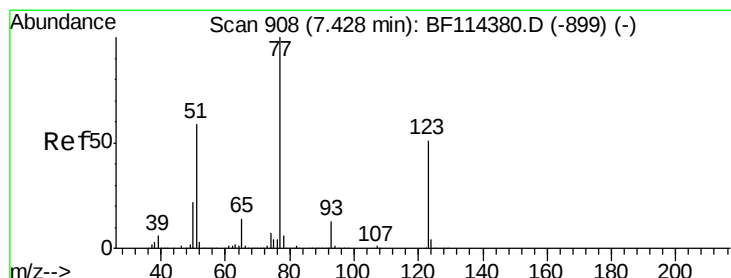
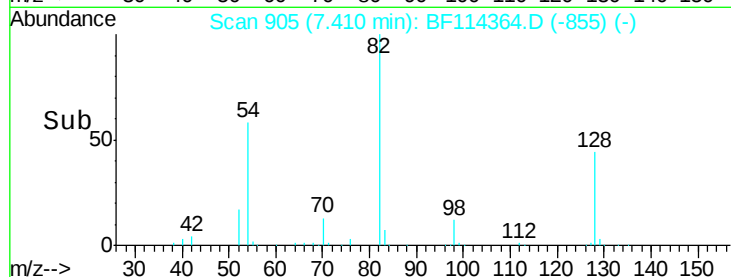
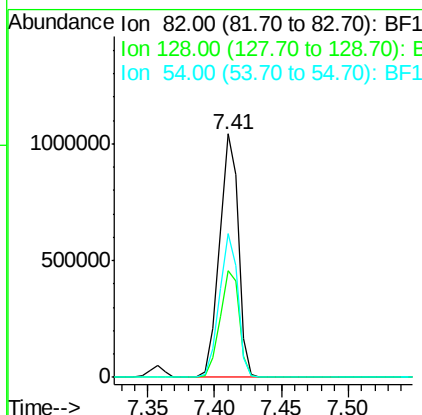
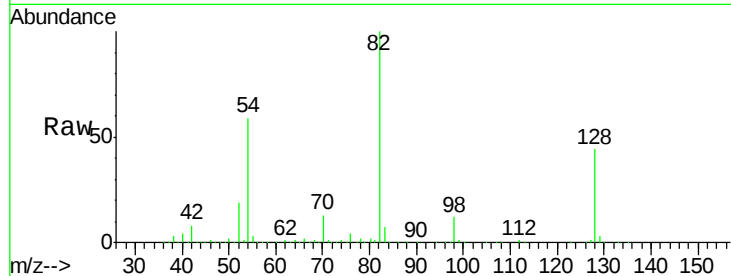
#23
 Nitrobenzene-d5
 Concen: 81.479 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.5	53.3
54	59.0	48.5	72.7

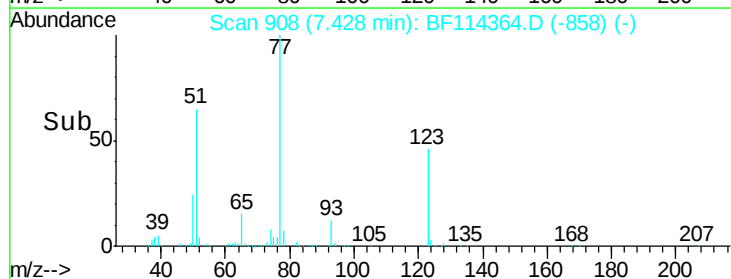
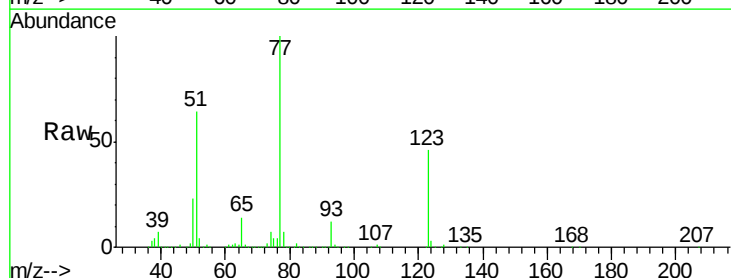
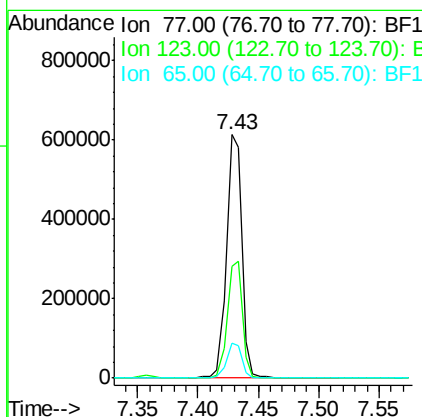
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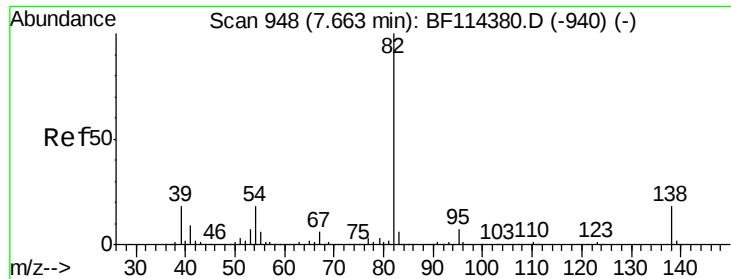
mohammad
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#24
 Nitrobenzene
 Concen: 41.247 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	36.9	55.3
65	14.4	11.8	17.6





#25

Isophorone

Concen: 39.962 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

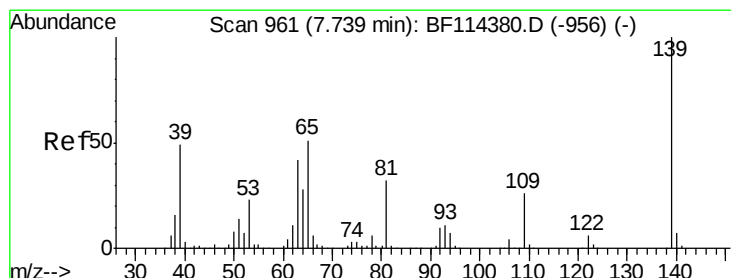
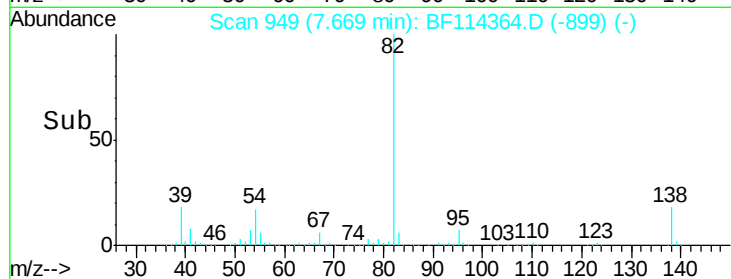
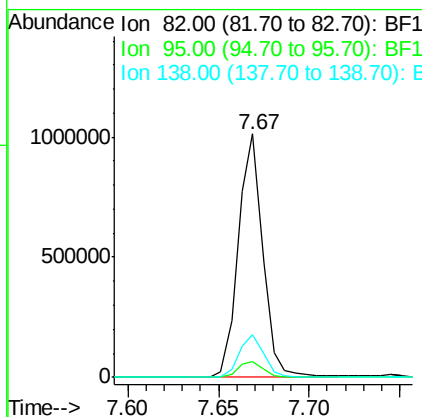
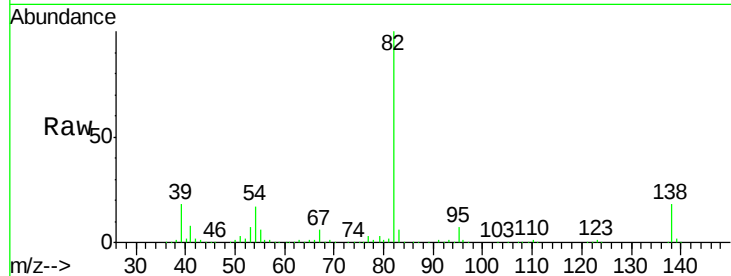
ClientSampled :

SSTDCCC040

Tgt Ion:	82	Resp:	953752
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.6	8.4
138	17.8	14.8	22.2

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#26

2-Nitrophenol

Concen: 40.951 ng

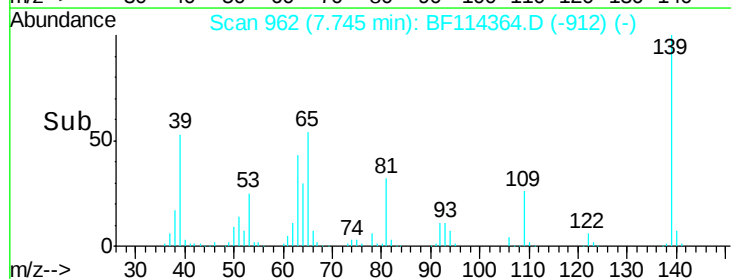
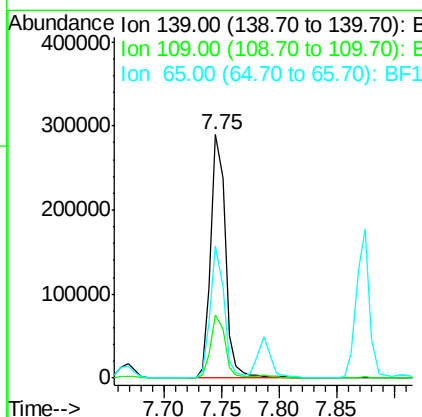
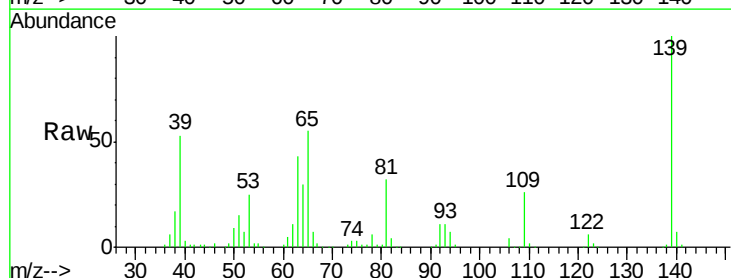
RT: 7.75 min Scan# 962

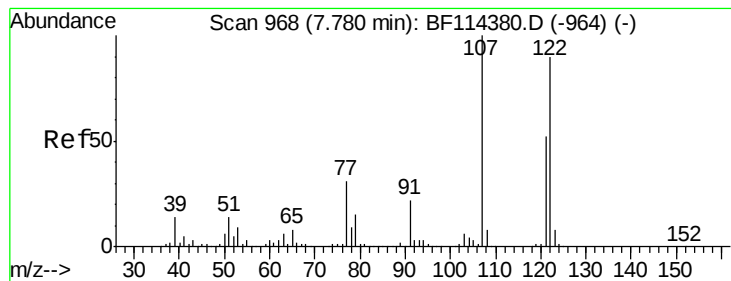
Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	139	Resp:	260410
Ion Ratio		Lower	Upper
139	100		
109	25.9	20.7	31.1
65	54.5	40.2	60.2





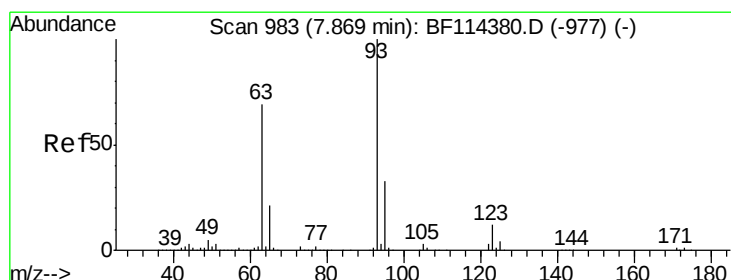
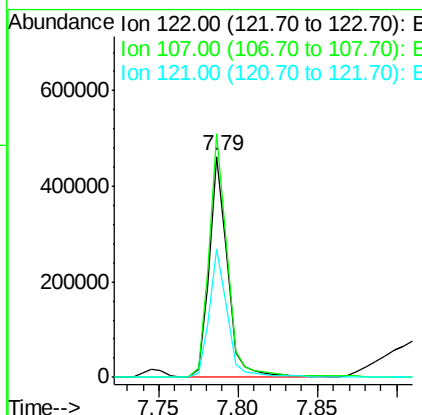
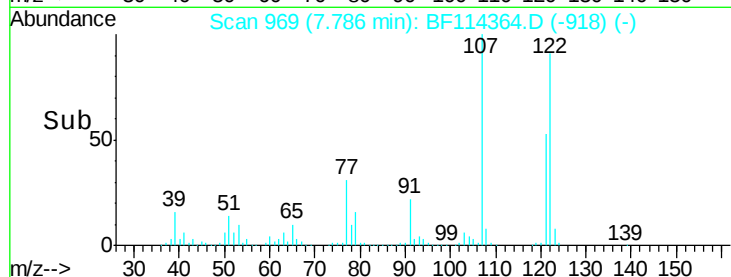
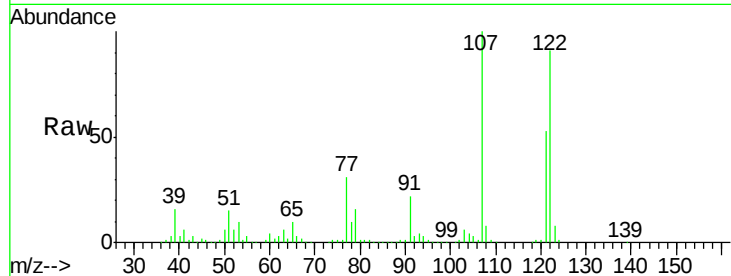
#27
2,4-Dimethylphenol
Concen: 37.823 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	377748		
107	110.2	88.4	132.6	
121	57.9	45.9	68.9	

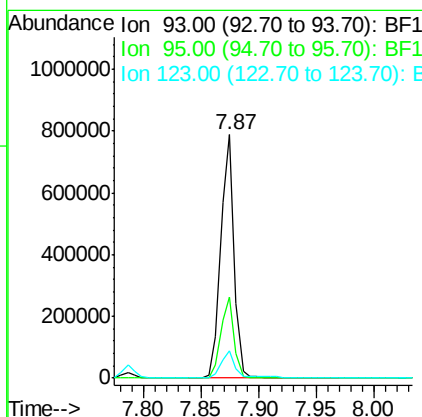
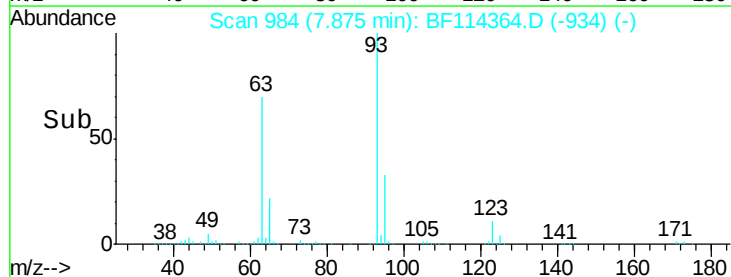
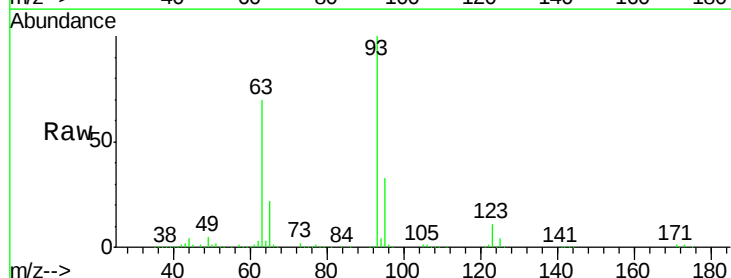
Manual Integrations
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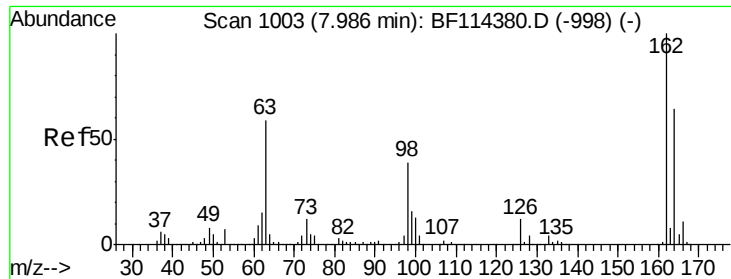
mohammad
5/21/2019 2:16:19 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.018 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	635188		
95	33.5	26.8	40.2	
123	11.4	9.5	14.3	





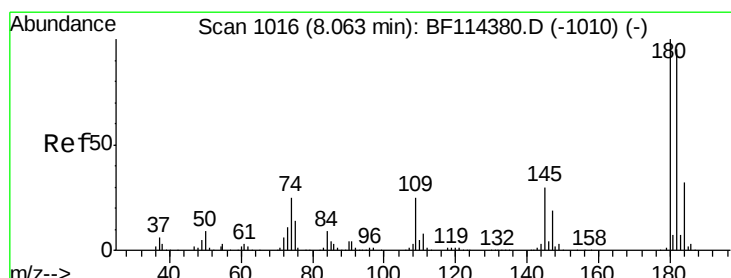
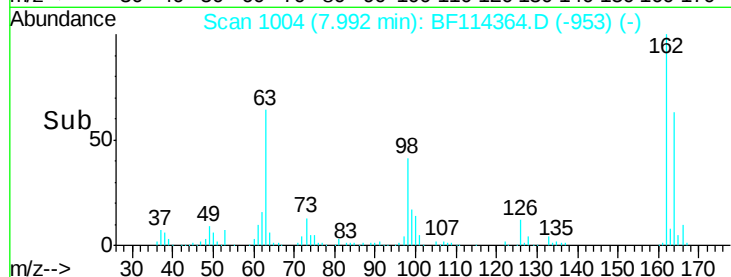
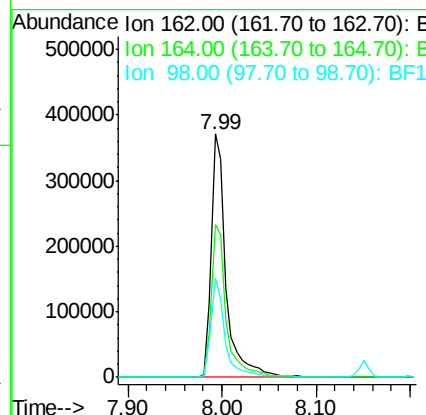
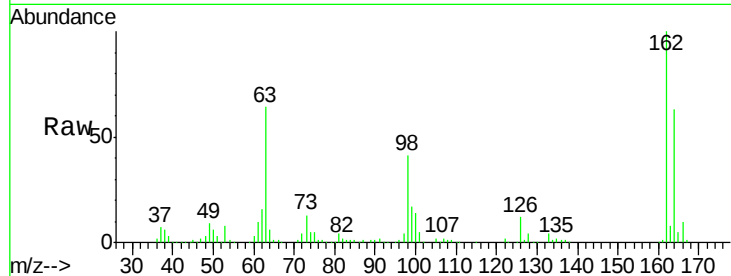
#29
2,4-Dichlorophenol
Concen: 41.517 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	412891		
164	62.8	43.6	83.6	
98	40.8	20.6	60.6	

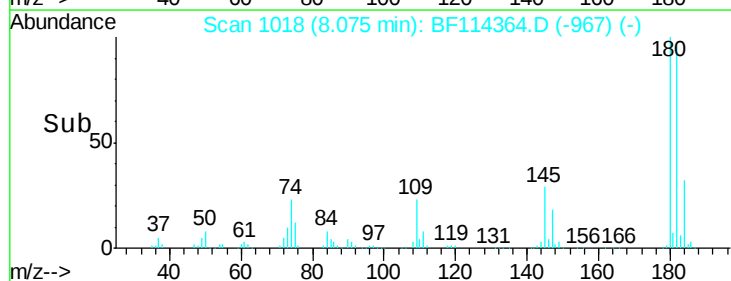
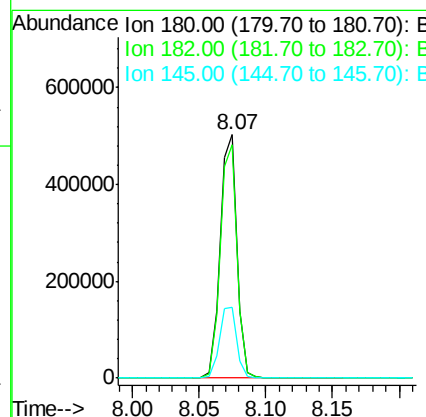
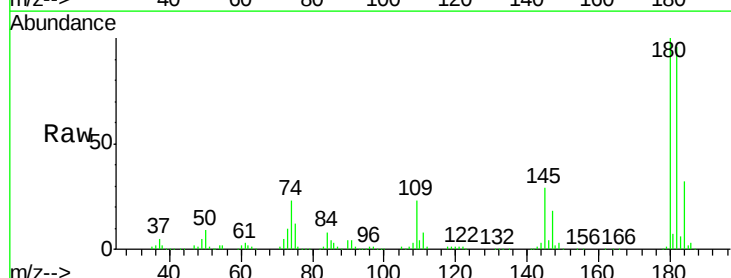
Manual Integrations
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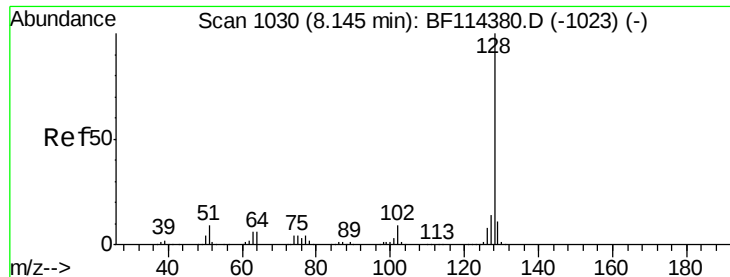
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.578 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	447583		
182	95.9	76.6	114.8	
145	28.9	25.1	37.7	





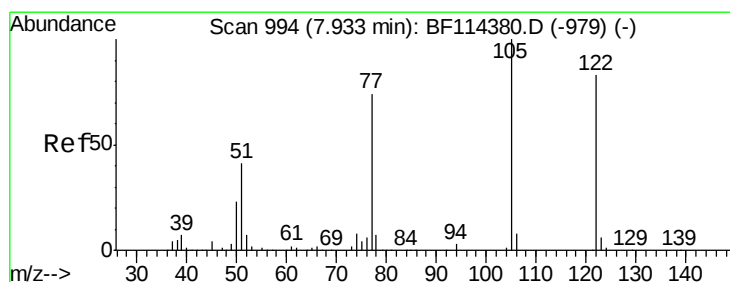
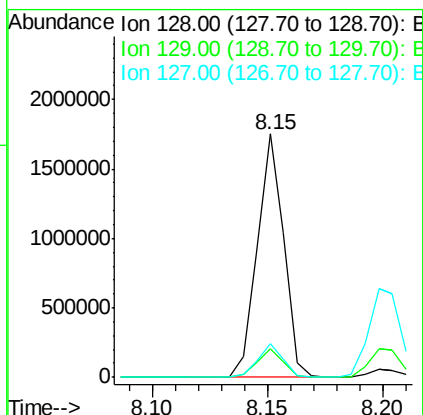
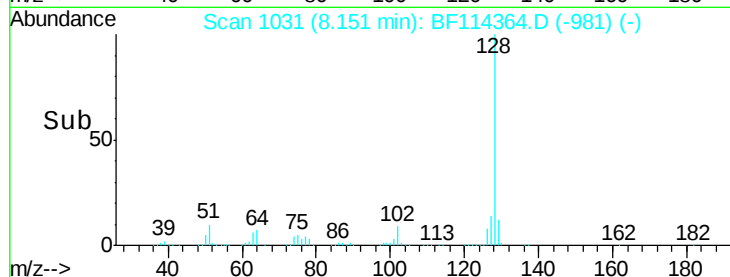
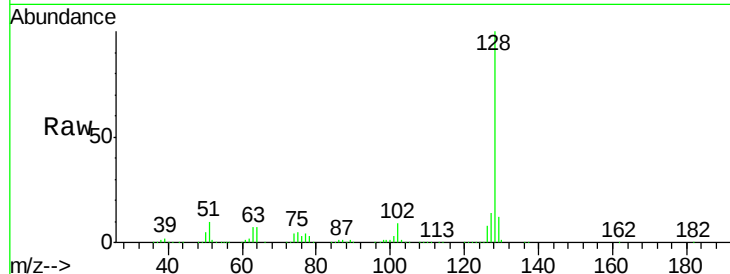
#31
Naphthalene
Concen: 41.528 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	13.6	11.3	16.9

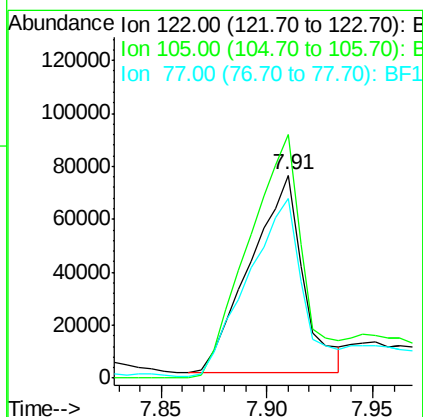
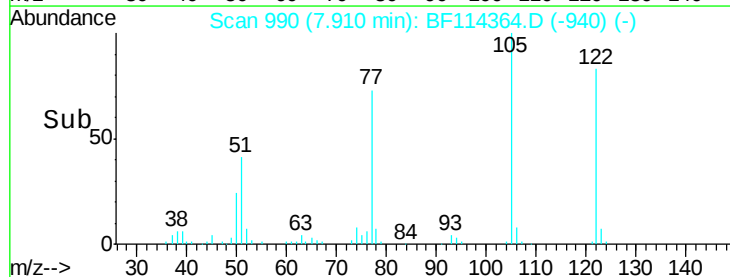
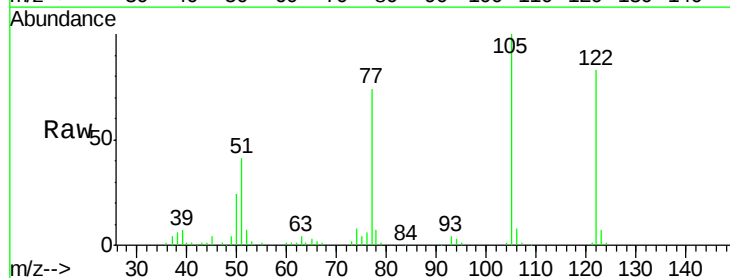
Manual Integrations
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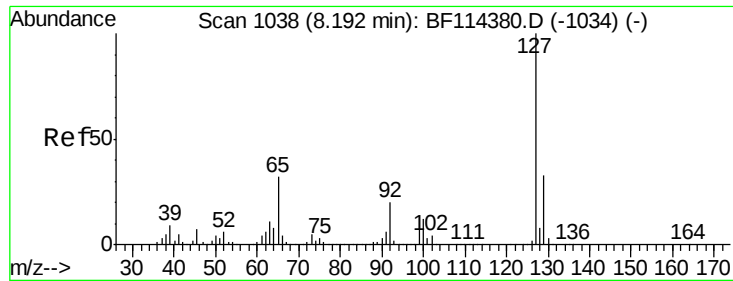
mohammad
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#32
Benzoic acid
Concen: 22.622 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	99.9	139.9
77	88.5	69.4	109.4





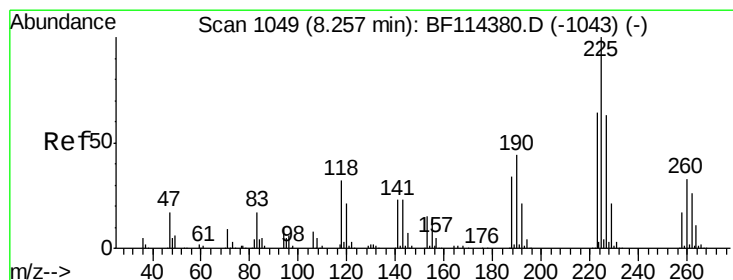
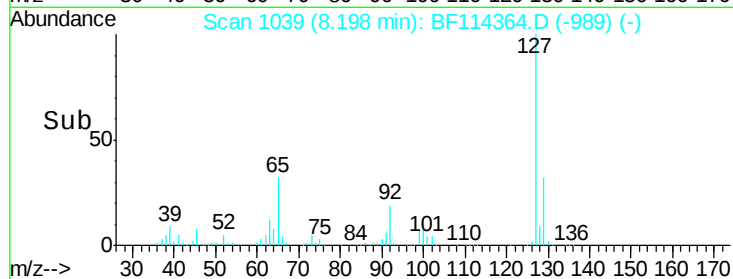
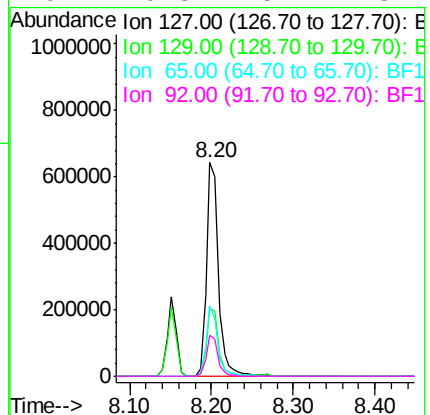
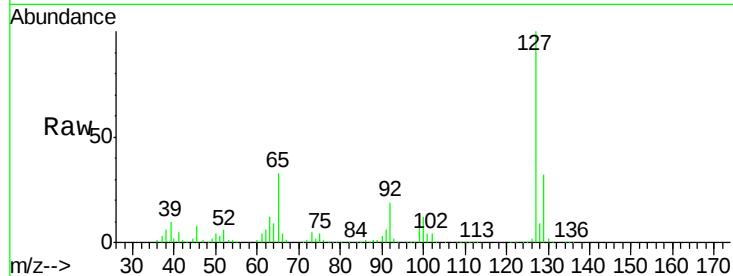
#33
4-Chloroaniline
Concen: 42.789 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	657782		
129	32.1	26.7	40.1	
65	33.0	25.4	38.0	
92	19.3	15.4	23.2	

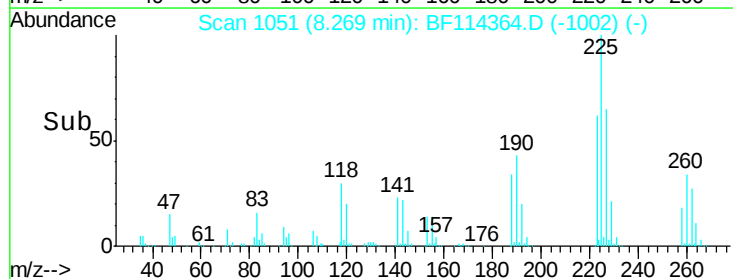
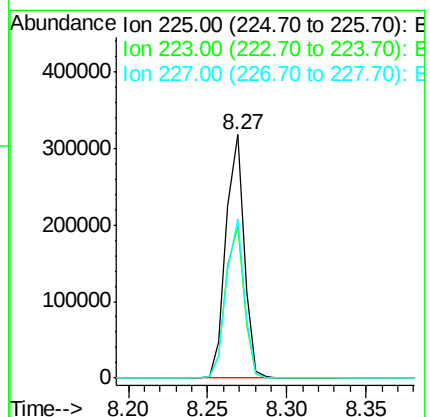
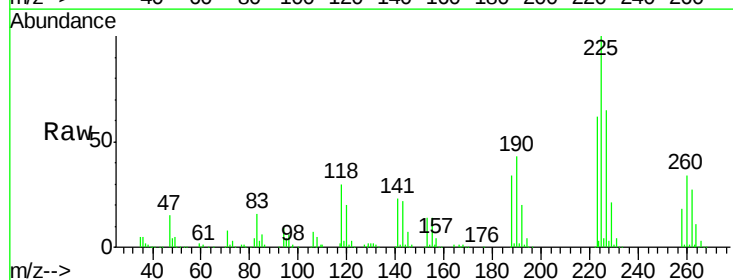
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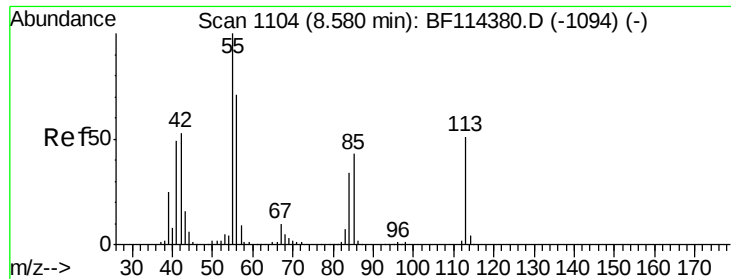
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#34
Hexachlorobutadiene
Concen: 39.320 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	253004		
223	62.0	50.2	75.2	
227	65.5	52.6	79.0	





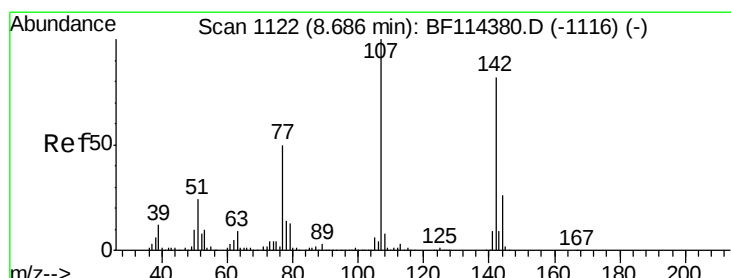
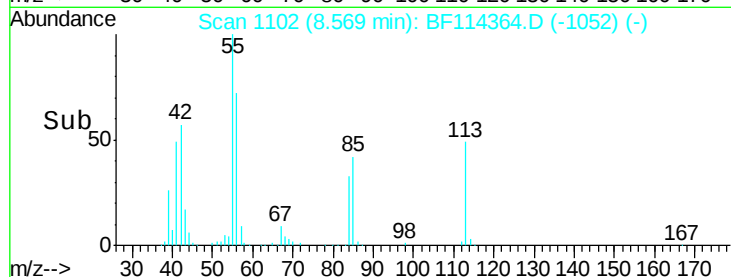
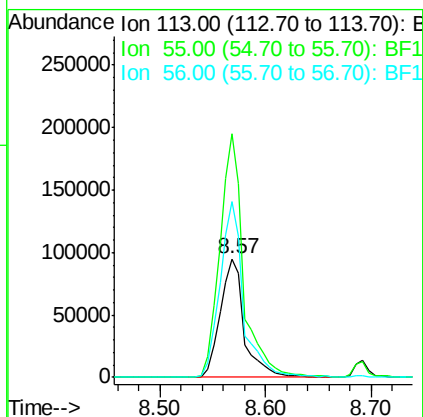
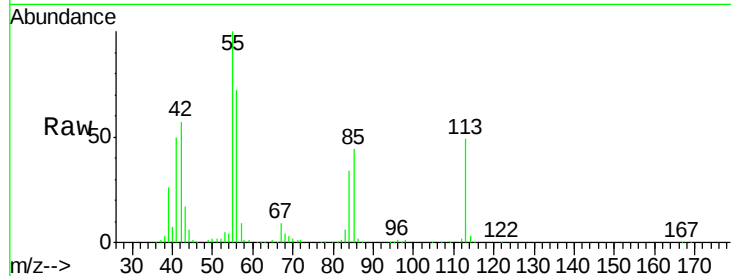
#35
 Caprolactam
 Concen: 46.264 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion:113 Resp: 150025
 Ion Ratio Lower Upper
 113 100
 55 205.0 183.5 223.5
 56 147.5 128.8 168.8

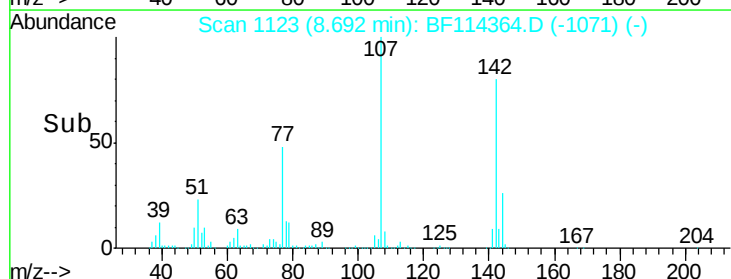
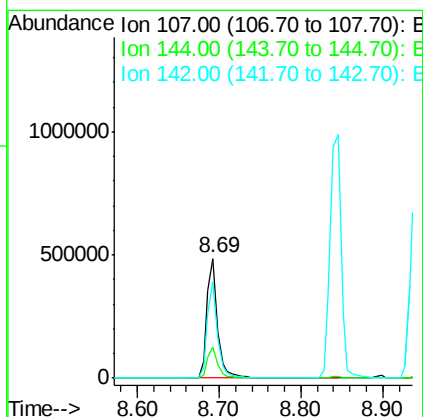
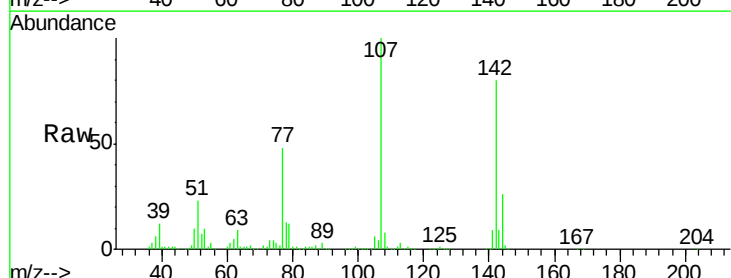
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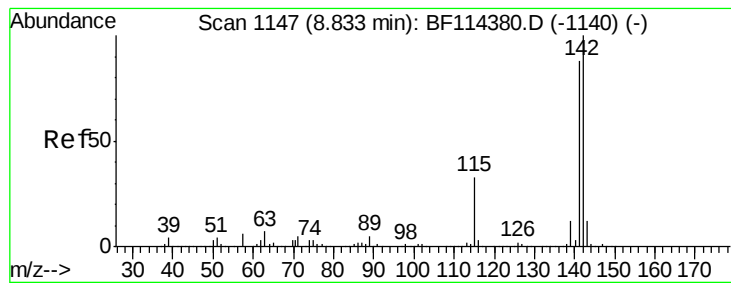
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#36
 4-Chloro-3-methylphenol
 Concen: 43.666 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion:107 Resp: 437120
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.4 30.6
 142 80.3 64.2 96.4





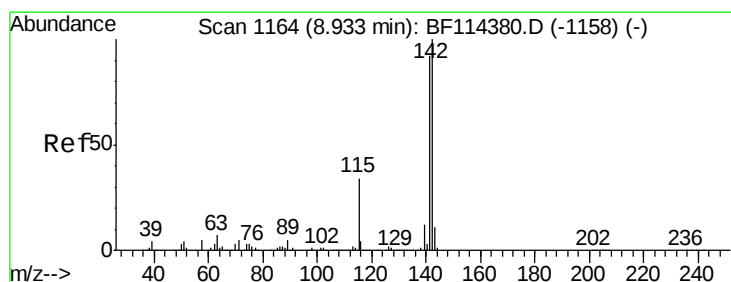
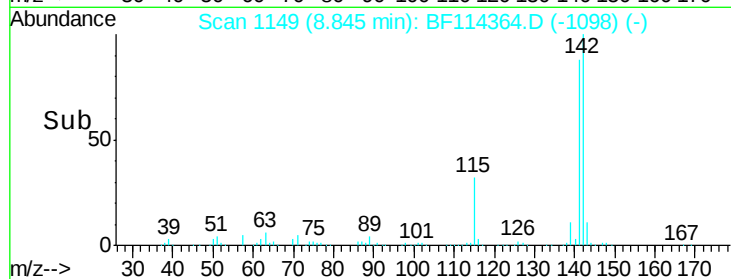
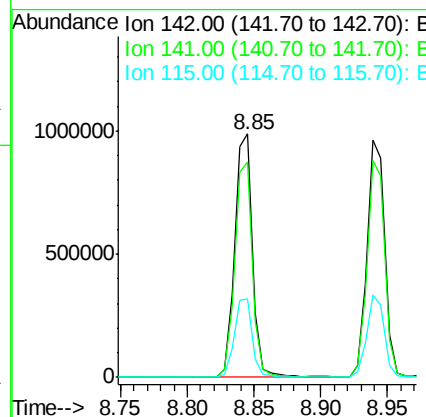
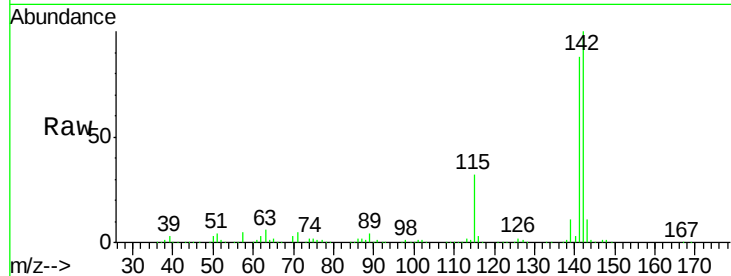
#37
2-Methylnaphthalene
Concen: 42.693 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.1	108.1
115	32.0	28.0	42.0

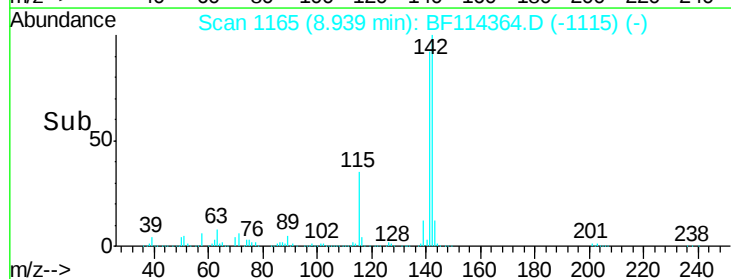
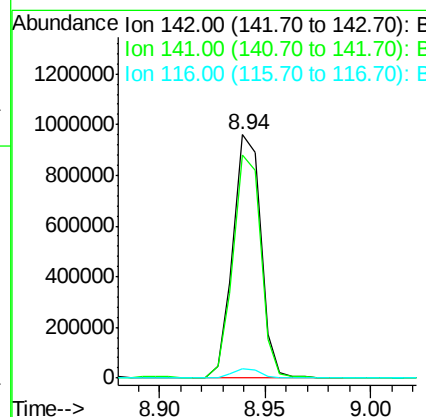
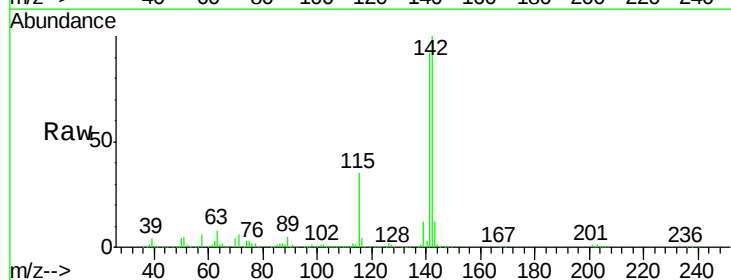
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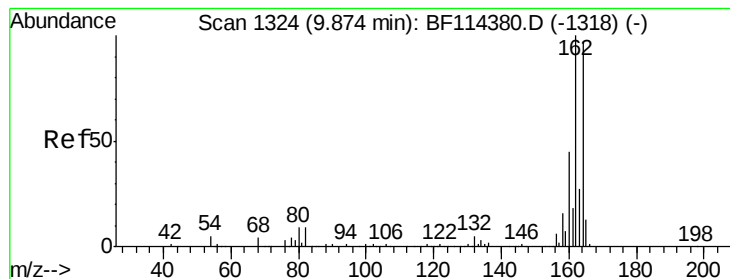
mohammad
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#38
1-Methylnaphthalene
Concen: 42.646 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

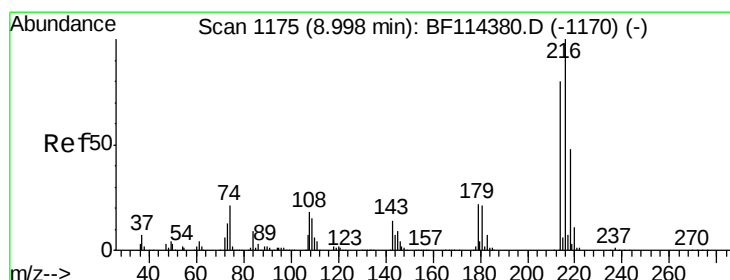
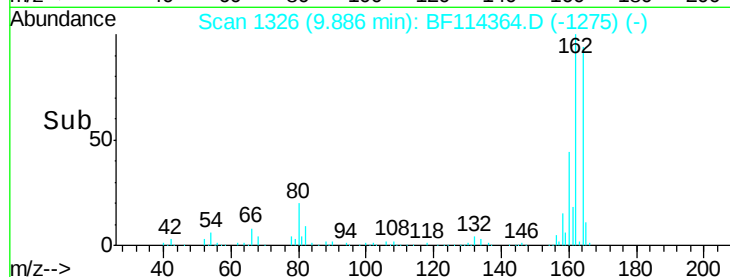
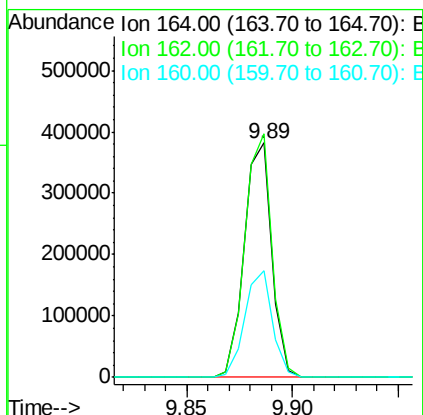
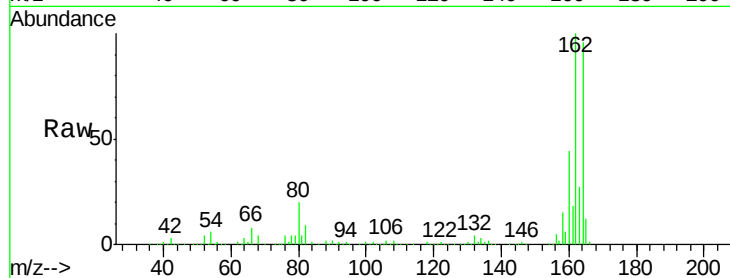
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	344437
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.6	120.8
160	45.6	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.134 ng

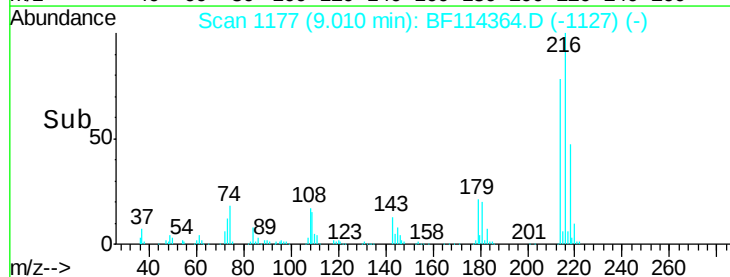
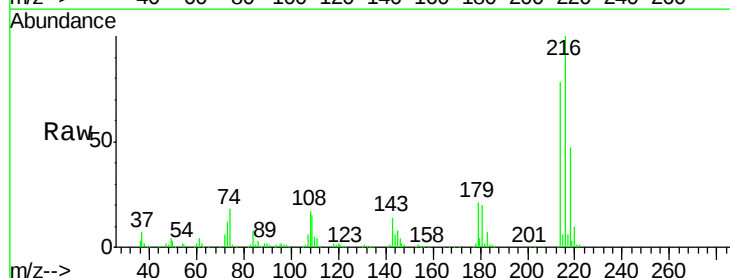
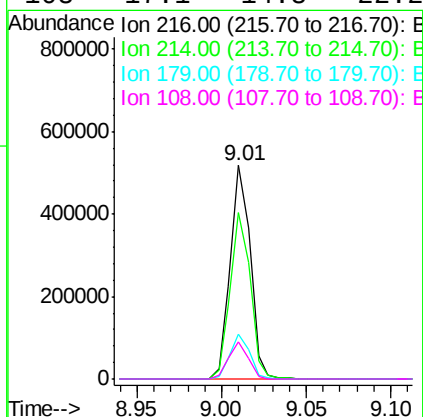
RT: 9.01 min Scan# 1177

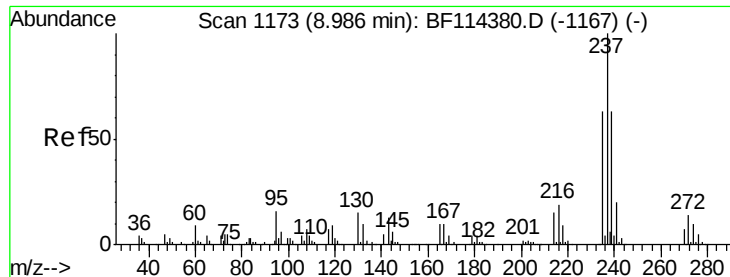
Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	216	Resp:	429180
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.9	95.9
179	20.8	17.0	25.6
108	17.1	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 6.003 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

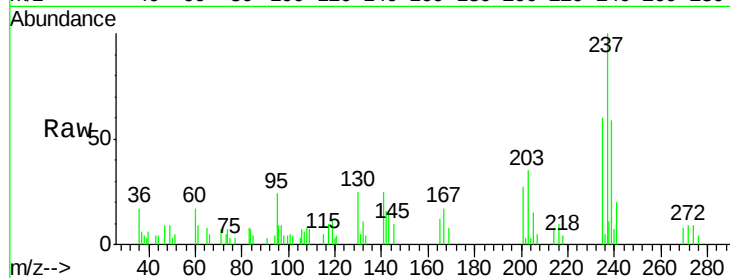
ClientSampleId :

SSTDCCC040

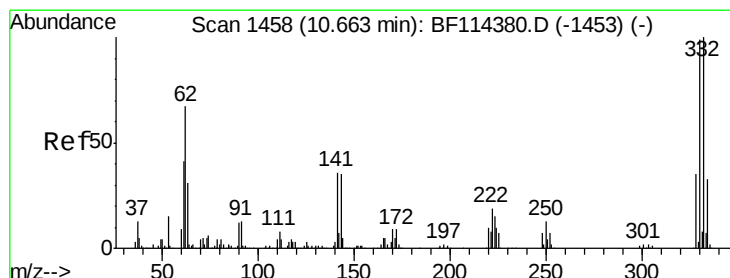
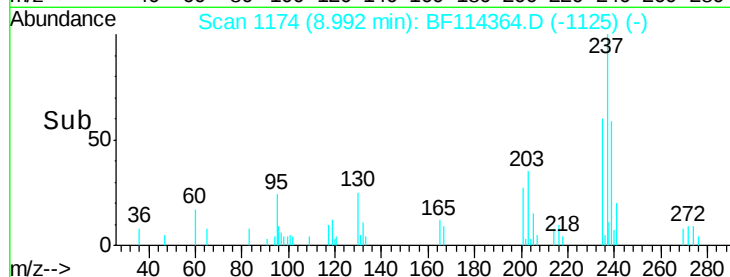
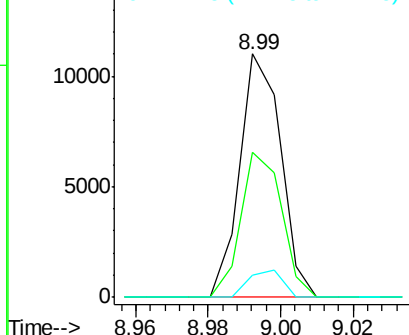
Tgt Ion:	237	Resp:	8627
Ion Ratio	Lower	Upper	
237	100		
235	59.5	42.0	82.0
272	9.1	0.0	32.4

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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: 74.523 ng

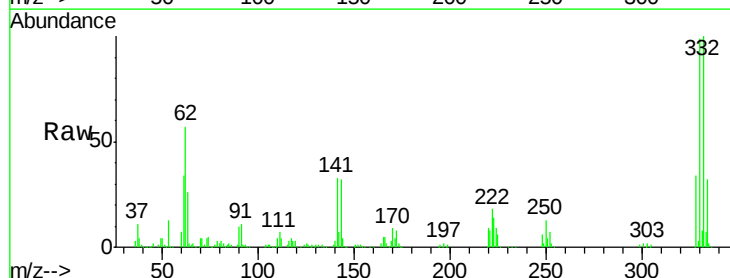
RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

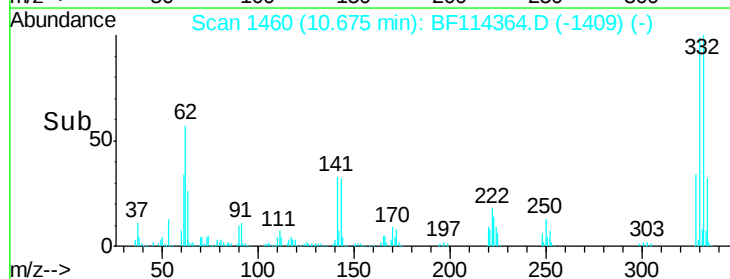
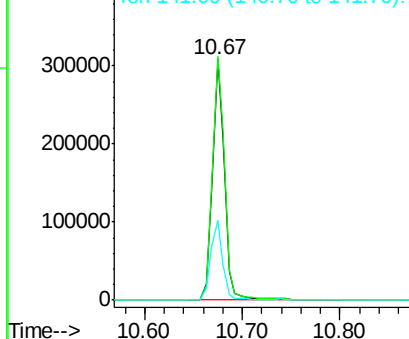
Lab File: BF114364.D

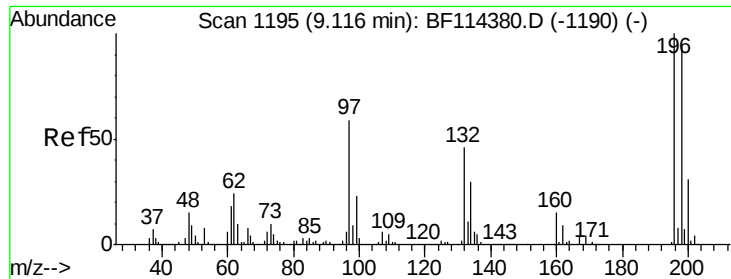
Acq: 17 May 2019 22:30

Tgt Ion:	330	Resp:	265370
Ion Ratio	Lower	Upper	
330	100		
332	102.8	81.4	122.2
141	32.7	26.6	40.0



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





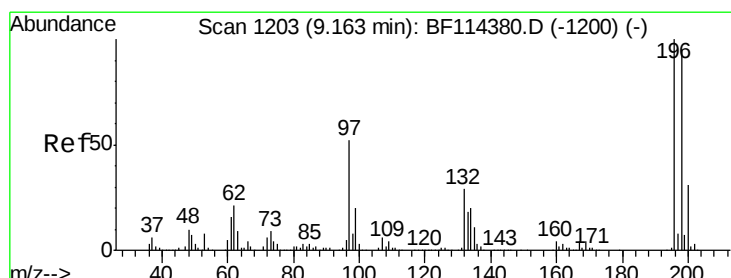
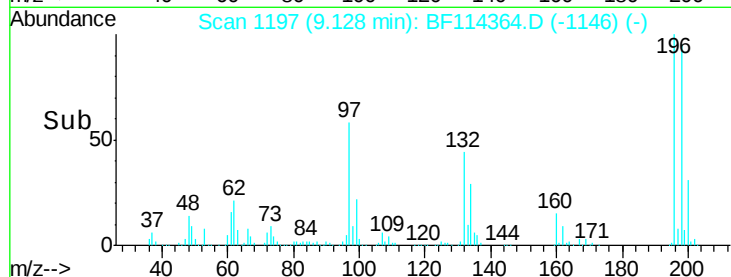
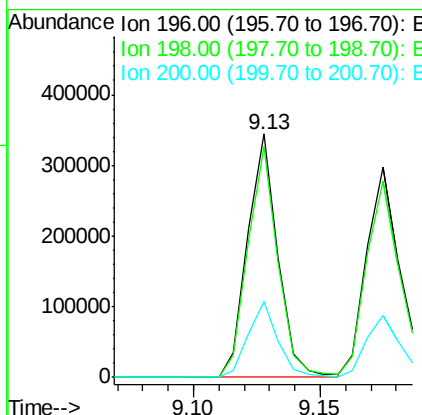
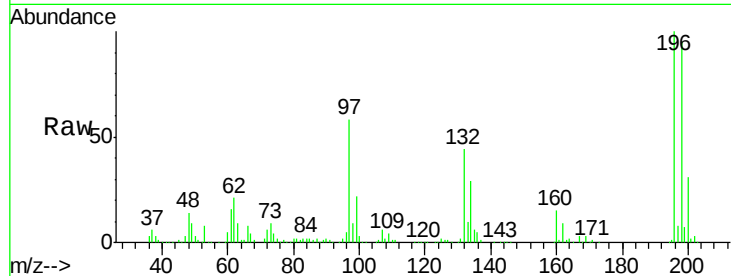
#43
 2,4,6-Trichlorophenol
 Concen: 39.851 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285995		
198	94.6	75.9	113.9	
200	31.1	23.5	35.3	

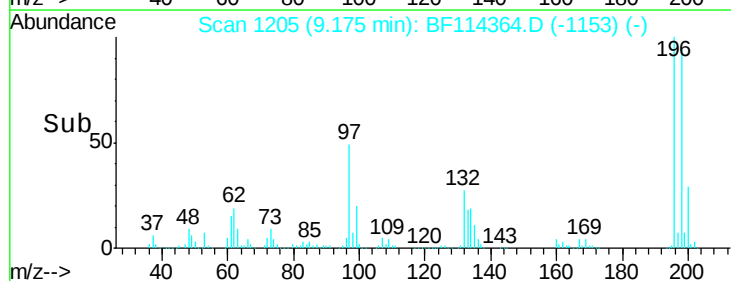
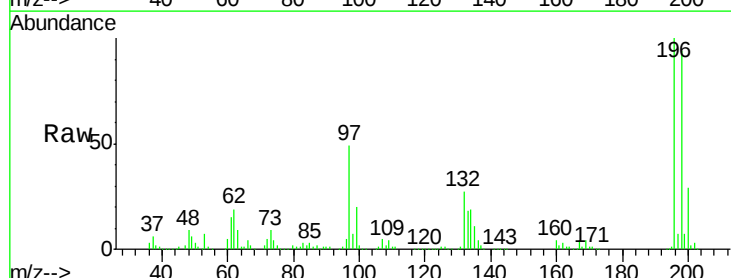
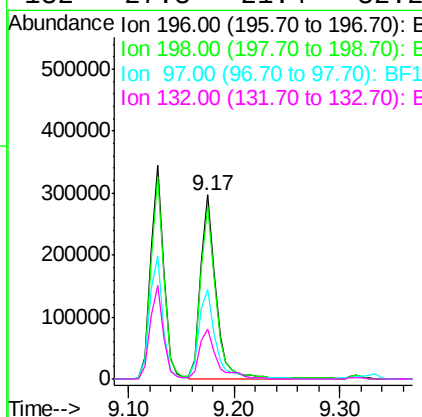
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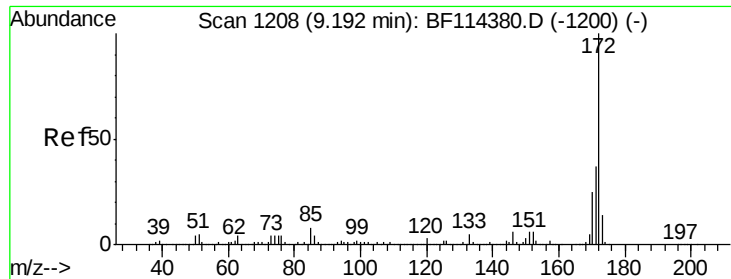
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.932 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293901		
198	93.6	77.7	116.5	
97	48.7	38.2	57.2	
132	27.3	21.4	32.2	





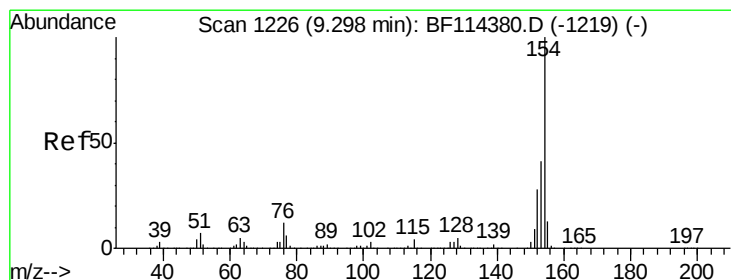
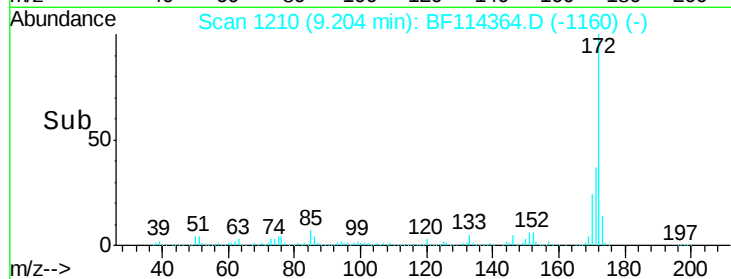
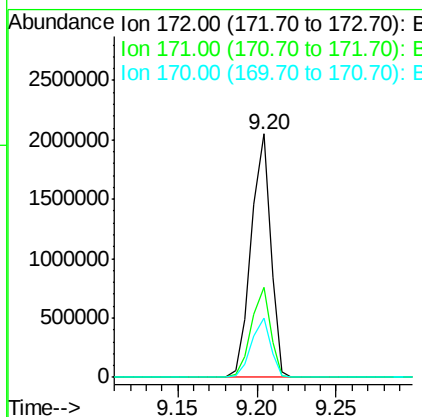
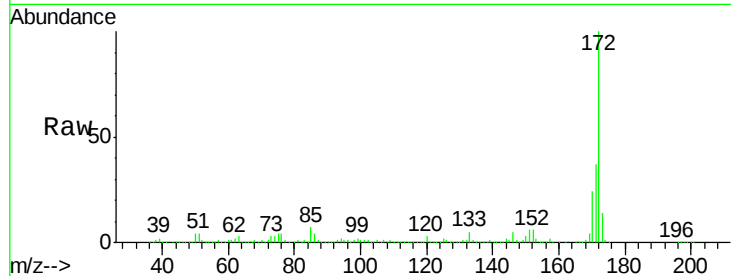
#45
2-Fluorobiphenyl
Concen: 76.998 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion:172 Resp: 1753259
Ion Ratio Lower Upper
172 100
171 36.9 30.7 46.1
170 24.3 20.5 30.7

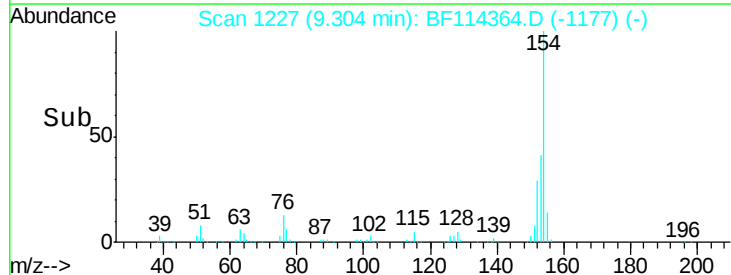
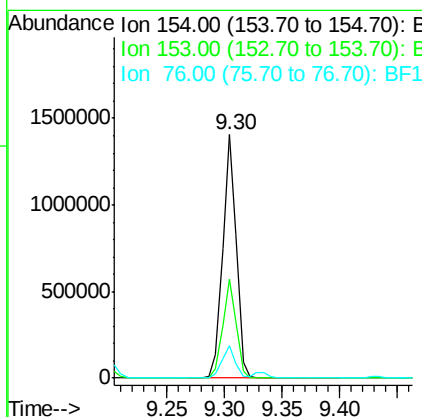
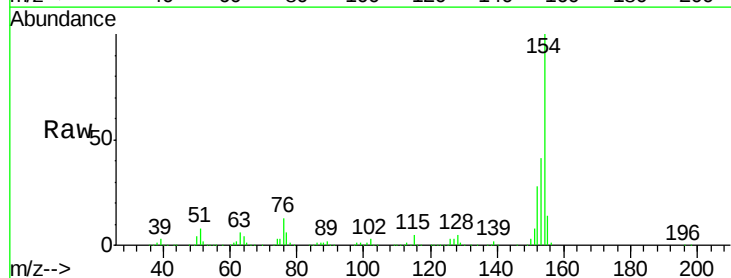
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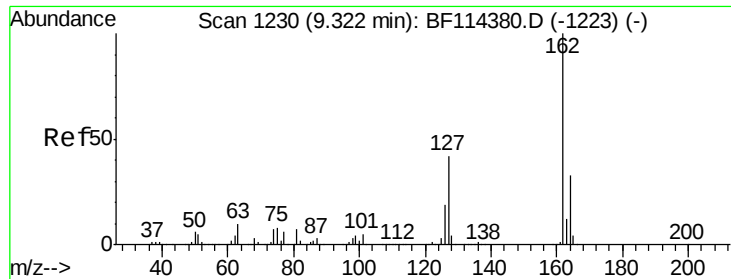
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#46
1,1'-Biphenyl
Concen: 41.005 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:154 Resp: 1141007
Ion Ratio Lower Upper
154 100
153 40.8 21.9 61.9
76 13.2 0.0 32.8





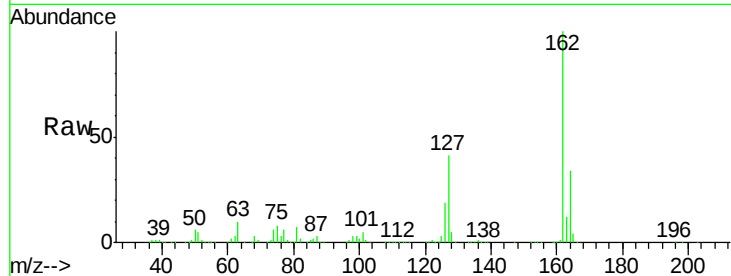
#47
 2-Chloronaphthalene
 Concen: 39.914 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

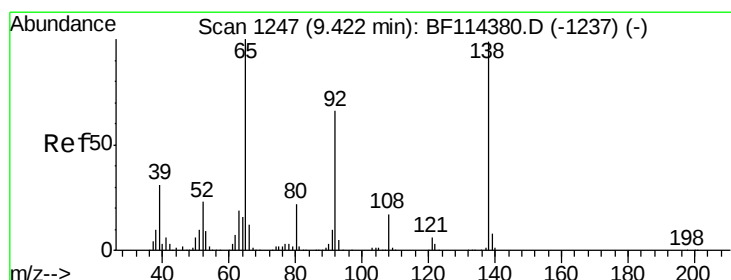
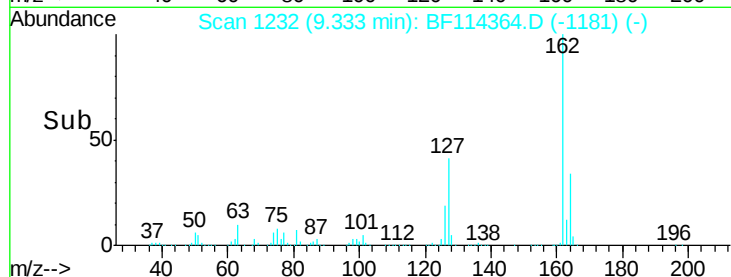
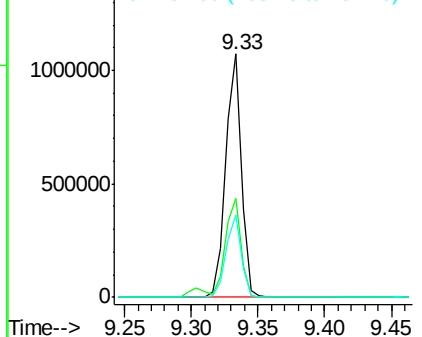
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	893841		
127	40.6	34.0	51.0	
164	33.7	26.7	40.1	

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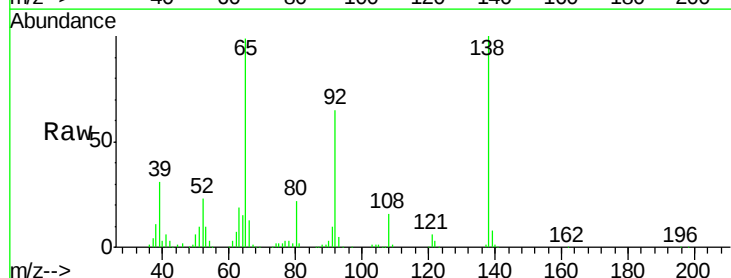


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

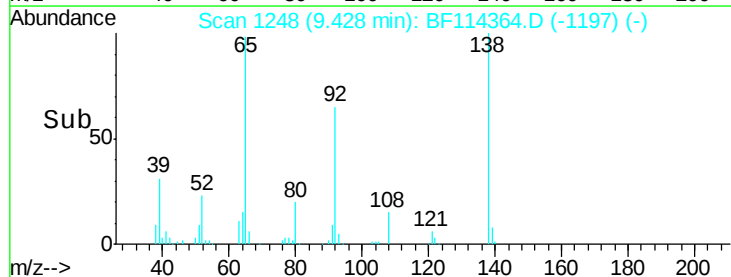
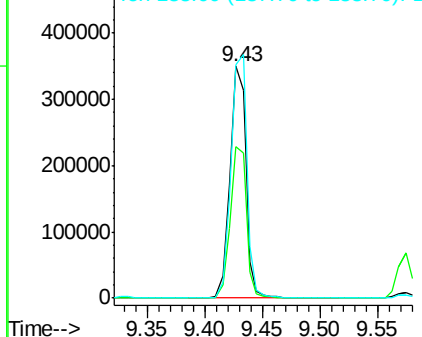


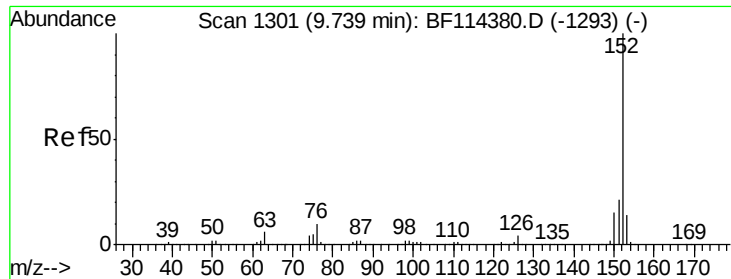
#48
 2-Nitroaniline
 Concen: 42.174 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	334947		
92	65.2	53.9	80.9	
138	100.9	81.4	122.0	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.912 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 1393473

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

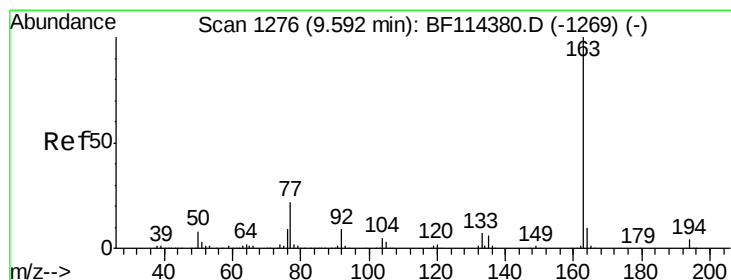
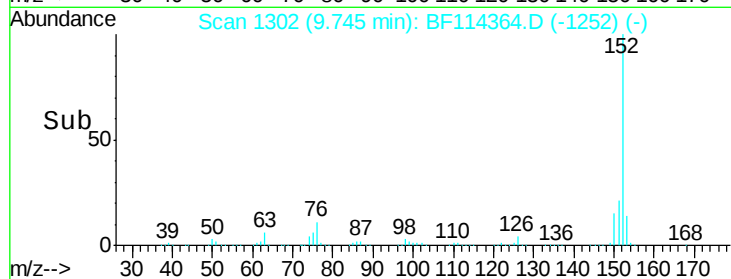
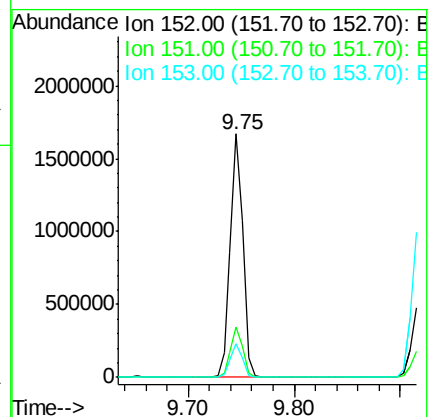
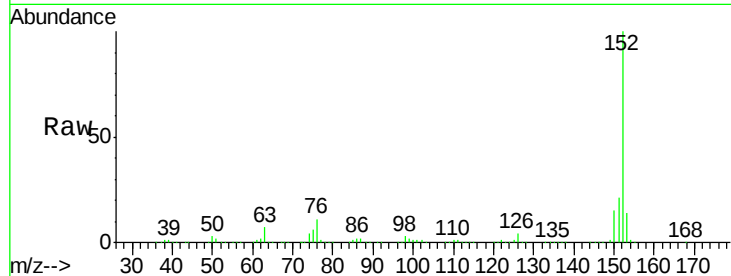
153 13.7 11.4 17.2

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#50

Dimethylphthalate

Concen: 41.257 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

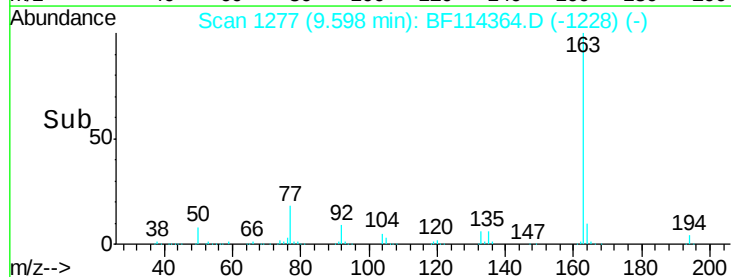
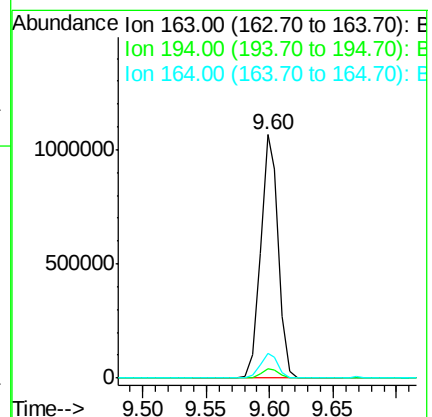
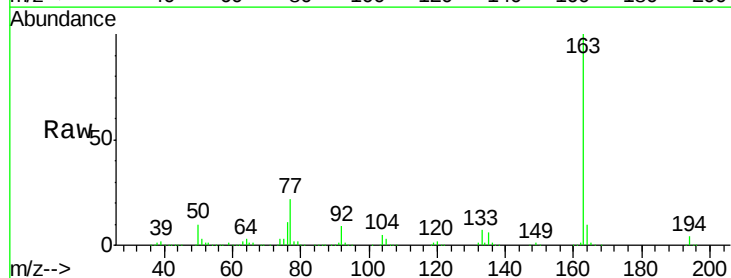
Tgt Ion:163 Resp: 1043185

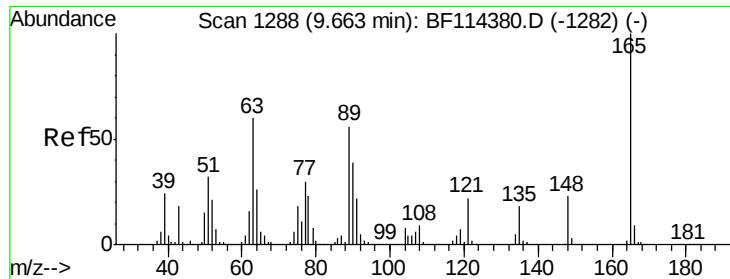
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.798 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

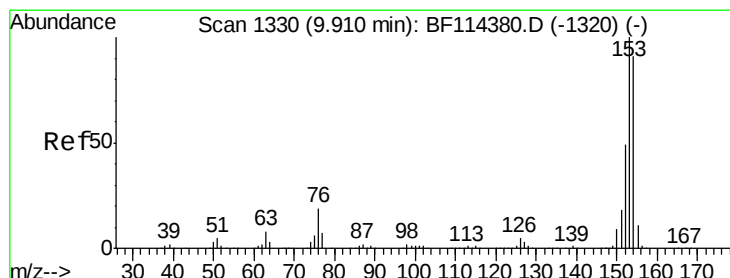
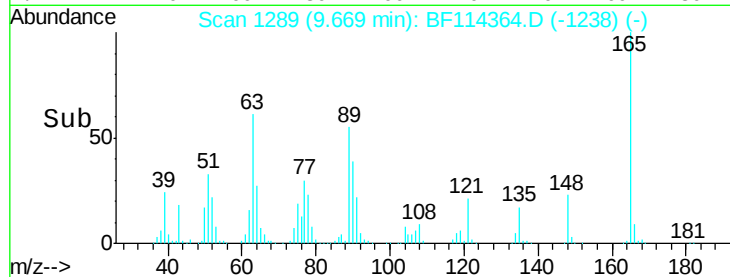
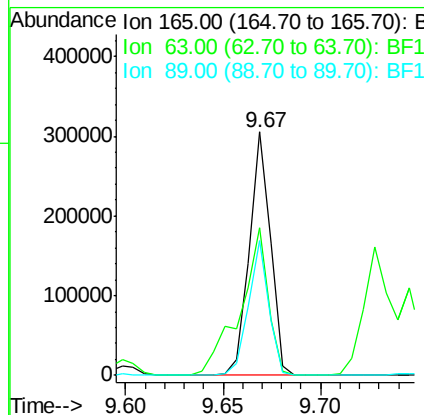
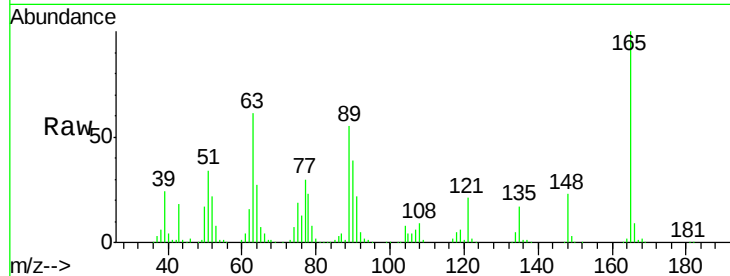
ClientSampleId :

SSTDCCC040

Tgt Ion:	165	Resp:	228800
Ion Ratio	Lower	Upper	
165	100		
63	60.8	50.2	75.4
89	55.2	46.6	69.8

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#52

Acenaphthene

Concen: 39.123 ng

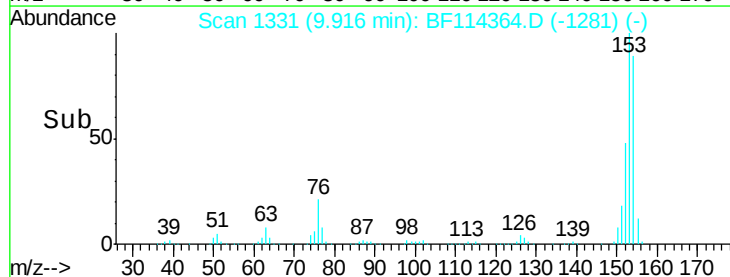
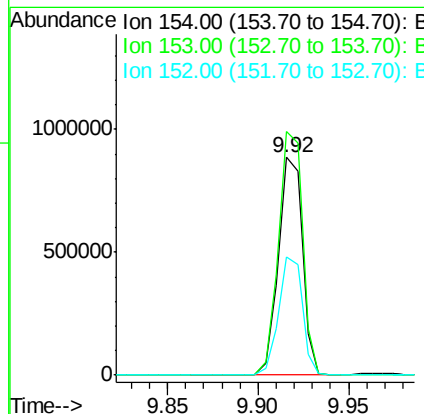
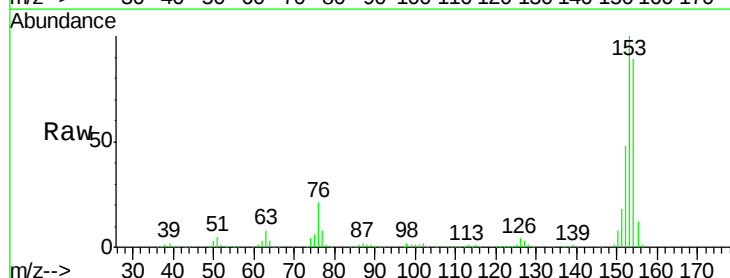
RT: 9.92 min Scan# 1331

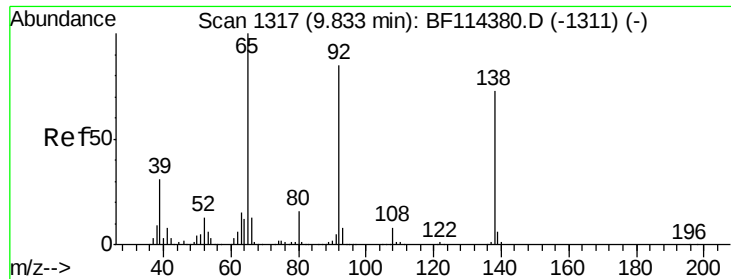
Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	154	Resp:	817689
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.5	135.7
152	54.1	43.4	65.2





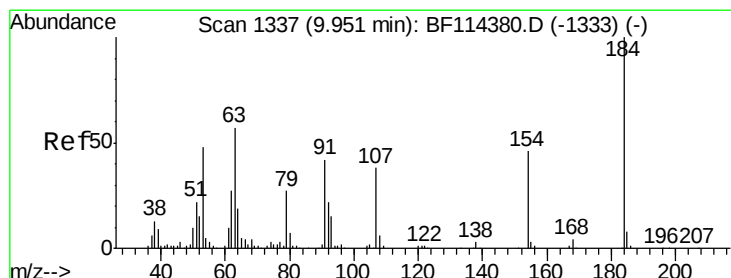
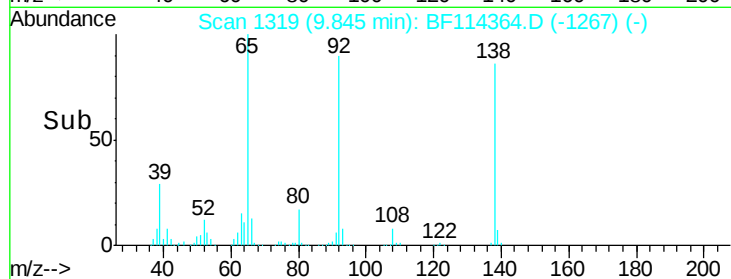
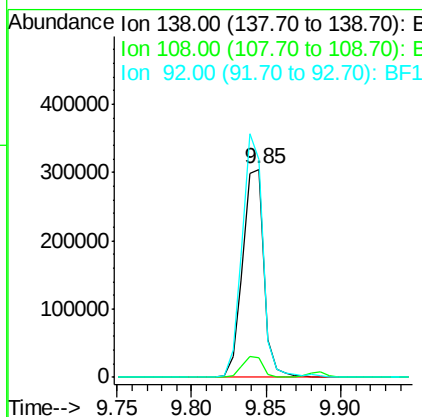
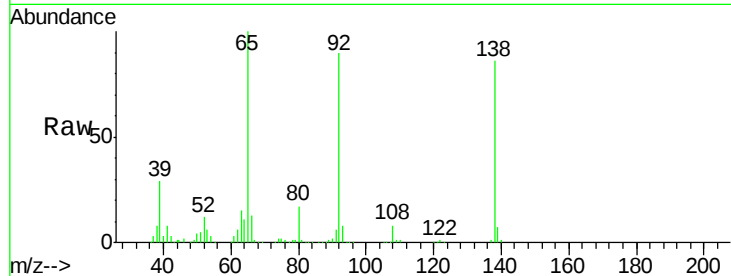
#53
 3-Nitroaniline
 Concen: 43.375 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	301963		
108	9.6	7.8	11.6	
92	105.2	91.2	136.8	

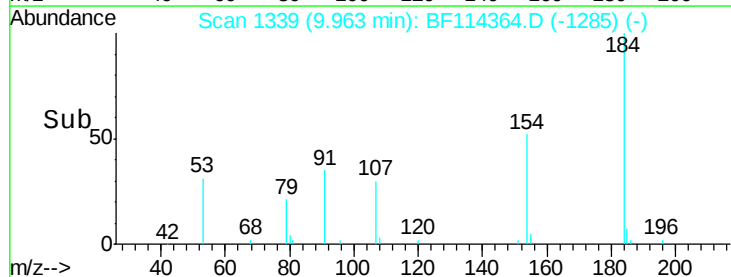
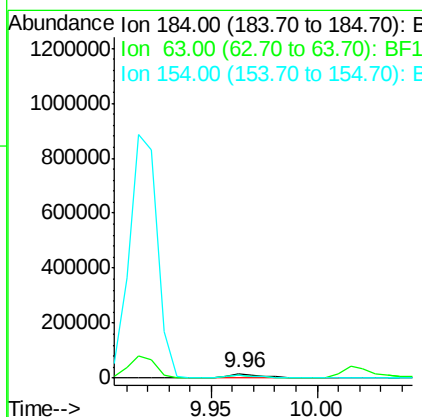
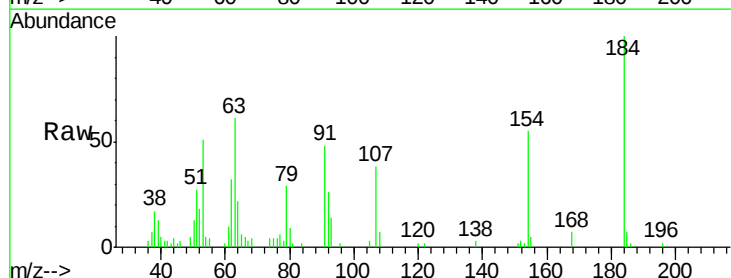
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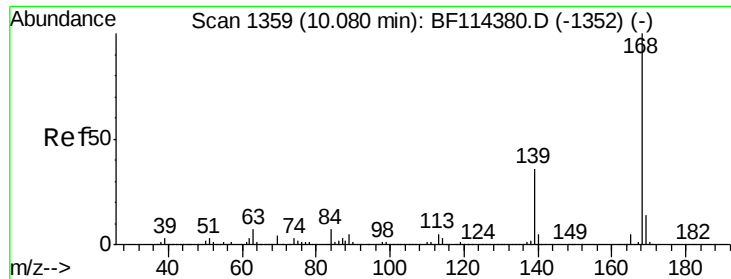
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#54
 2,4-Dinitrophenol
 Concen: 14.120 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.02 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	22712		
63	61.3	55.6	83.4	
154	54.8	46.0	69.0	





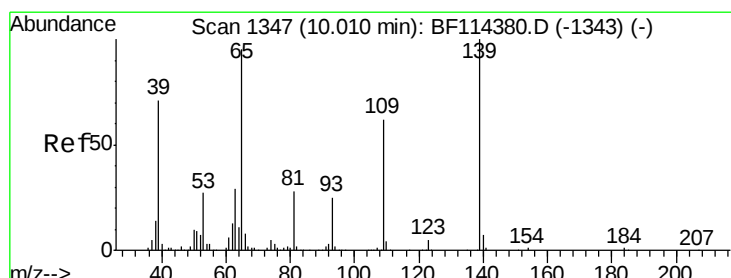
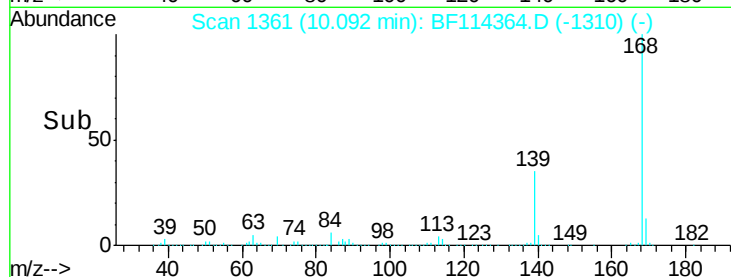
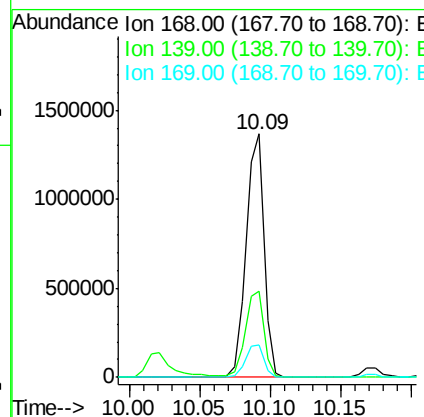
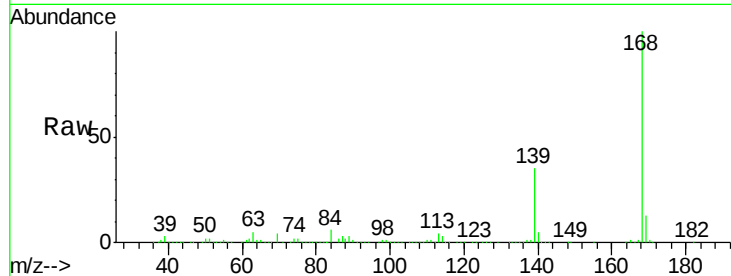
#55
Dibenzenofuran
Concen: 39.423 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1208233
Ion Ratio Lower Upper
168 100
139 35.5 31.1 46.7
169 13.4 11.4 17.0

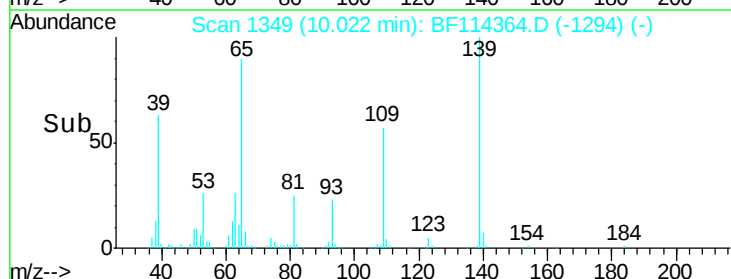
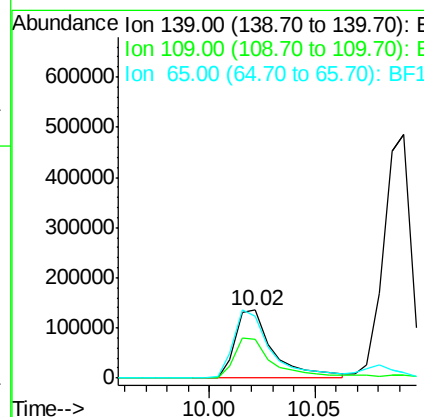
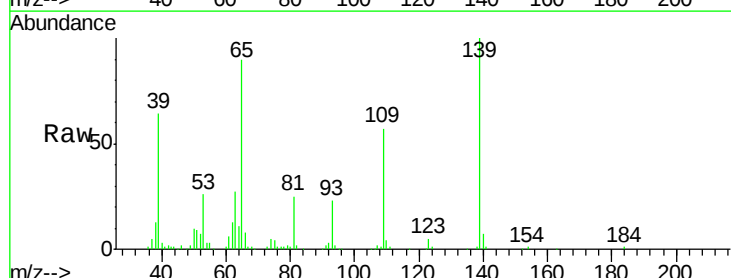
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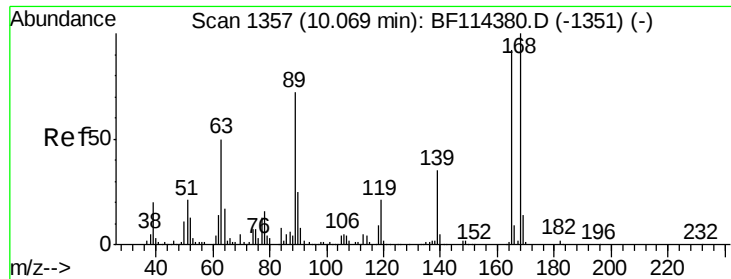
mohammad
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#56
4-Nitrophenol
Concen: 34.965 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion:139 Resp: 172141
Ion Ratio Lower Upper
139 100
109 56.9 43.9 83.9
65 90.4 85.7 125.7





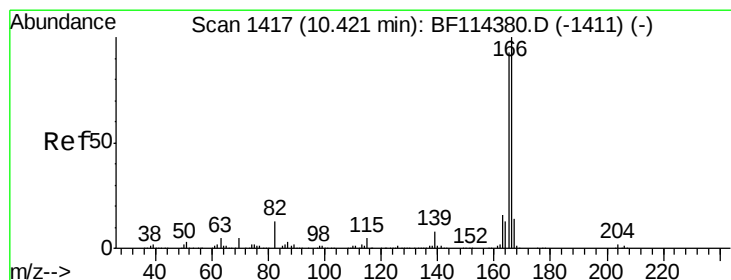
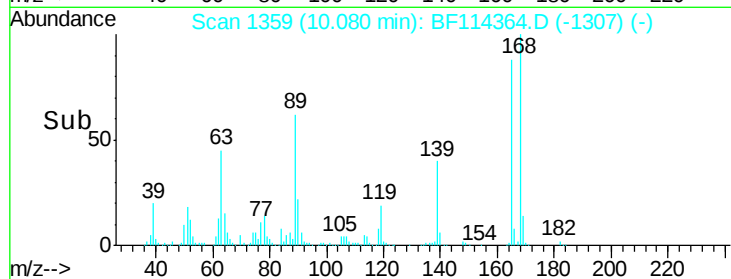
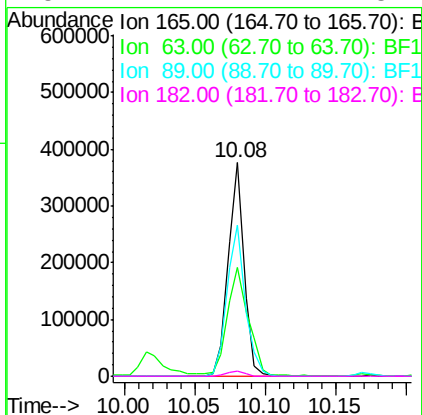
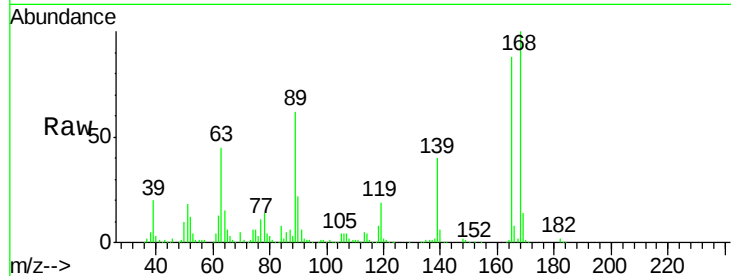
#57
 2,4-Dinitrotoluene
 Concen: 38.808 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.9	35.5	53.3
89	70.7	55.2	82.8
182	2.4	2.2	3.2

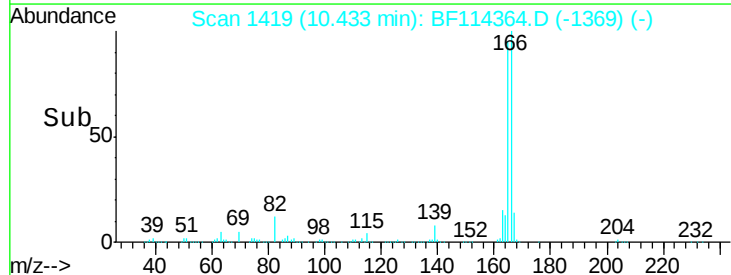
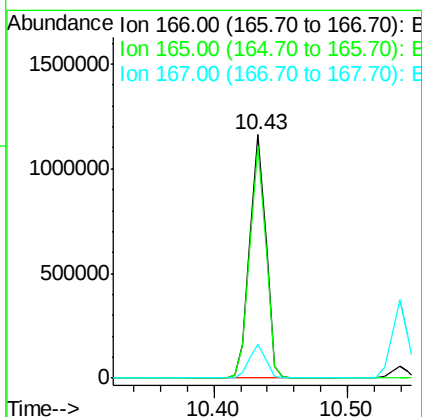
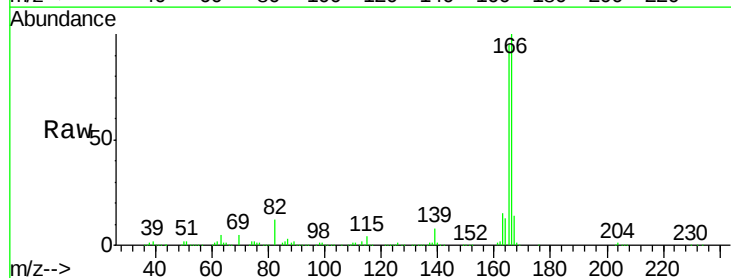
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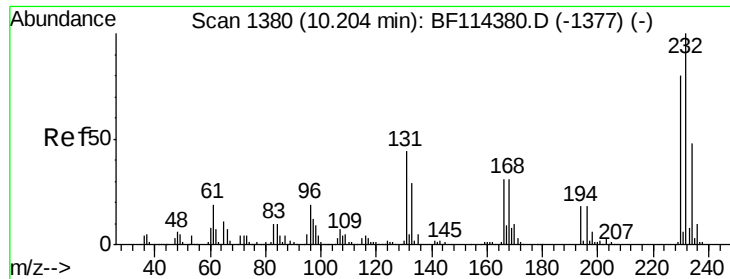
mohammad
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#58
 Fluorene
 Concen: 40.654 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	95.1	76.1	114.1
167	13.8	11.1	16.7





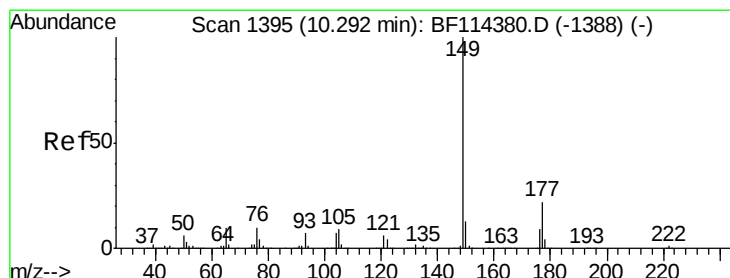
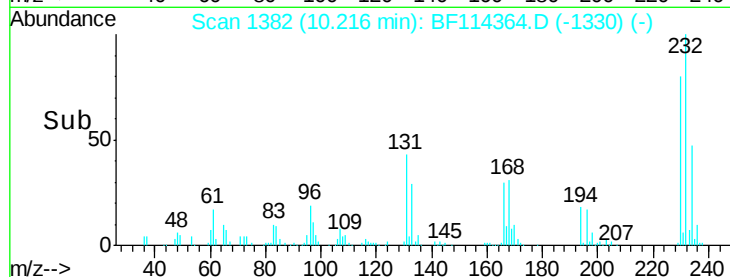
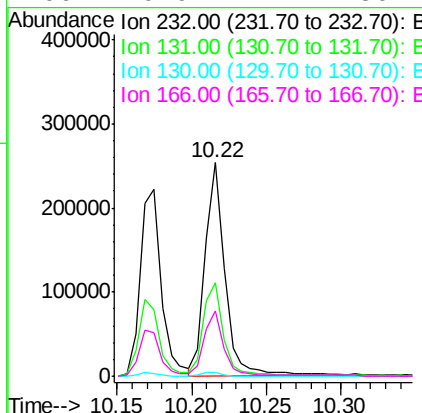
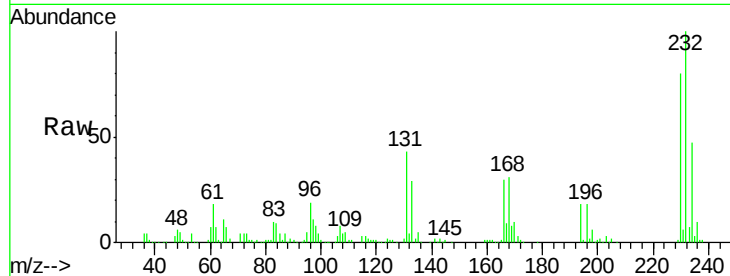
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.416 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	231261		
131	45.8	35.6	53.4	
130	2.1	1.6	2.4	
166	29.9	24.1	36.1	

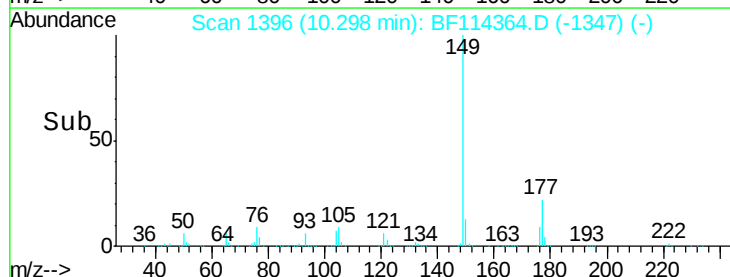
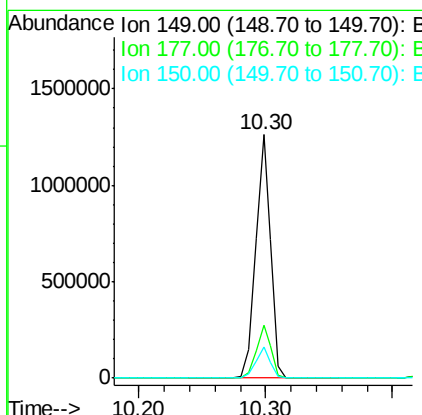
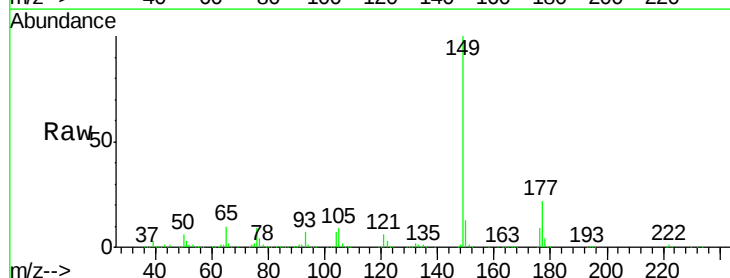
Manual Integrations
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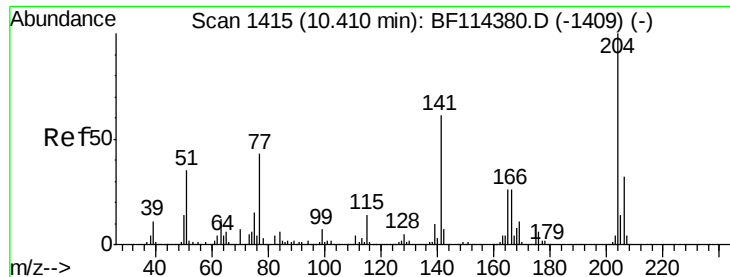
mohammad
 5/21/2019 2:16:19 PM



#60
 Diethylphthalate
 Concen: 40.519 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1040982		
177	21.9	17.8	26.6	
150	12.9	10.2	15.2	





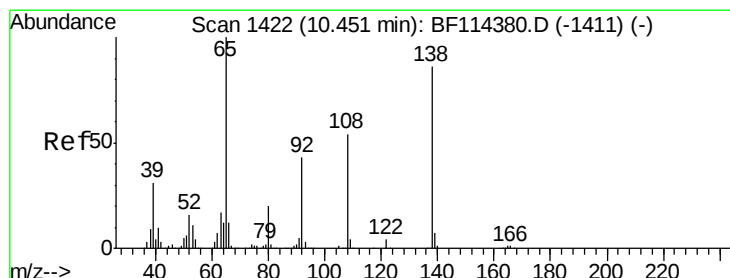
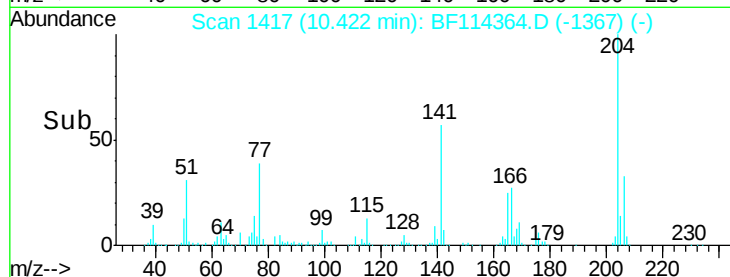
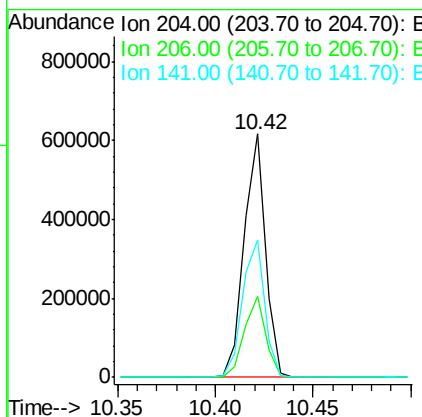
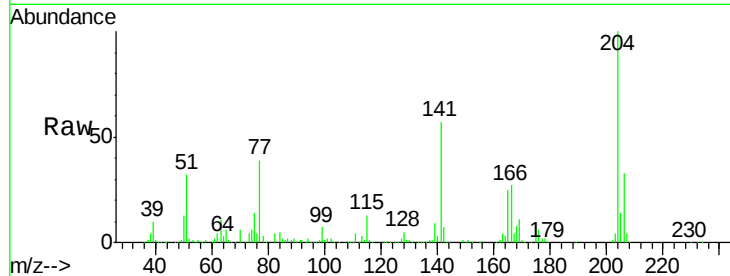
#61
 4-Chlorophenyl-phenylether
 Concen: 40.263 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	56.6	46.4	69.6

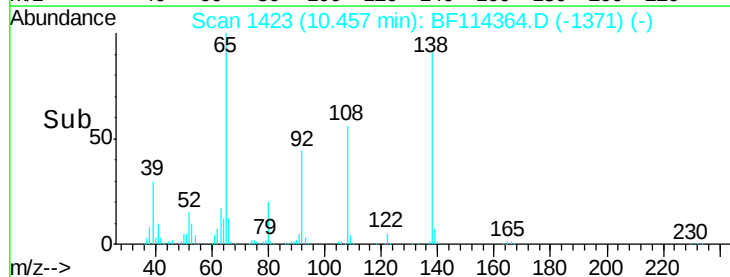
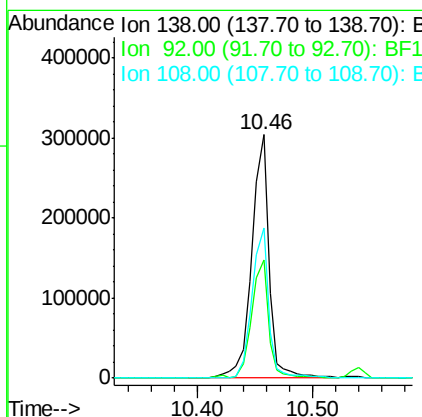
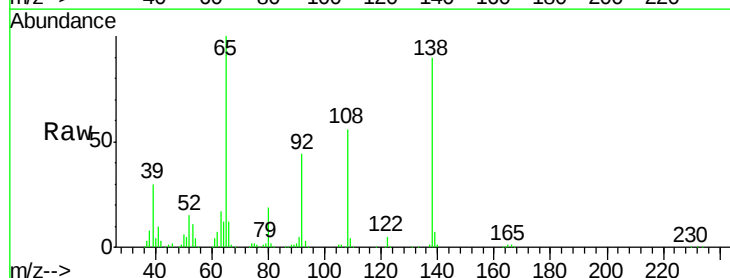
Manual Integrations
 APPROVED

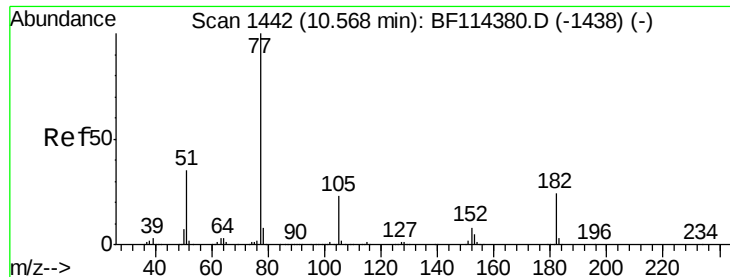
mohammad
 5/21/2019 2:16:19 PM



#62
 4-Nitroaniline
 Concen: 43.280 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	33.0	73.0
108	61.5	44.9	84.9





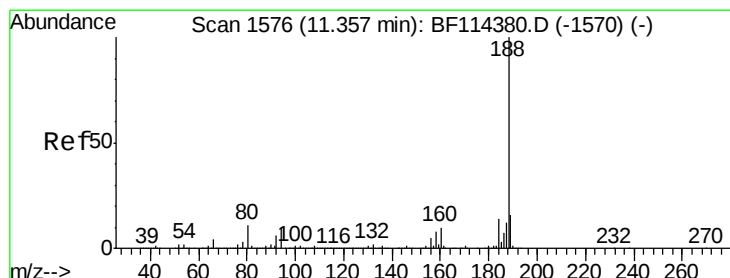
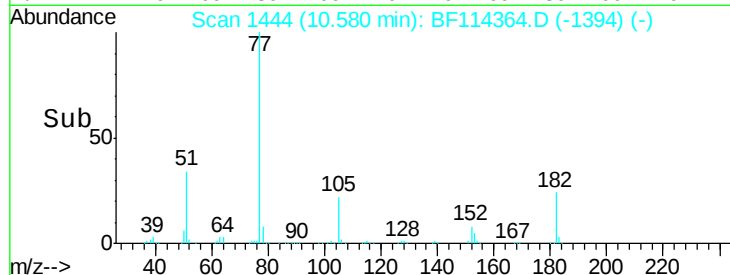
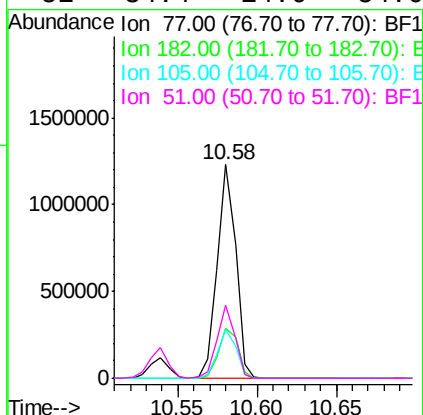
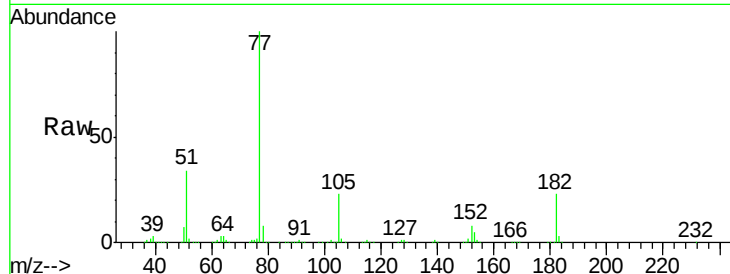
#63
Azobenzene
Concen: 40.082 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	4.7	44.7
105	22.9	2.9	42.9
51	34.4	14.6	54.6

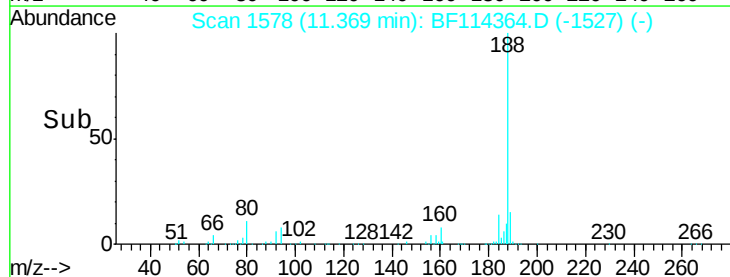
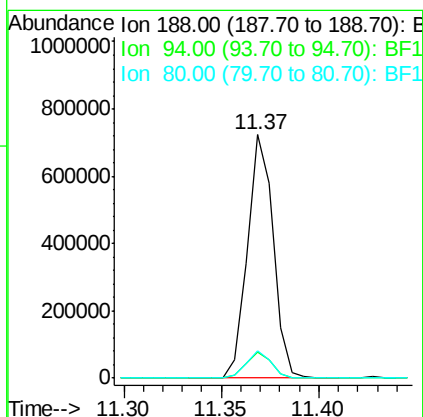
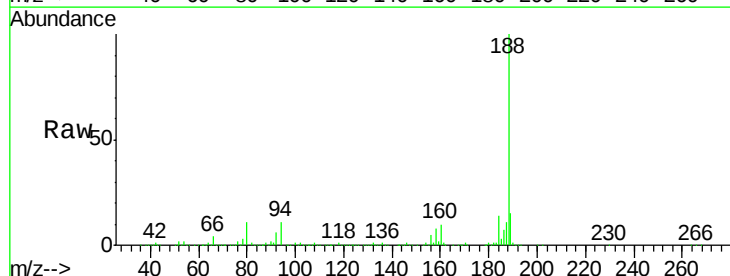
Manual Integrations
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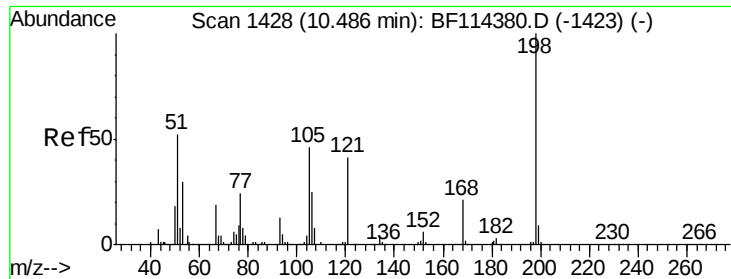
mohammad
5/21/2019 2:16:19 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.4	12.6
80	11.4	9.2	13.8





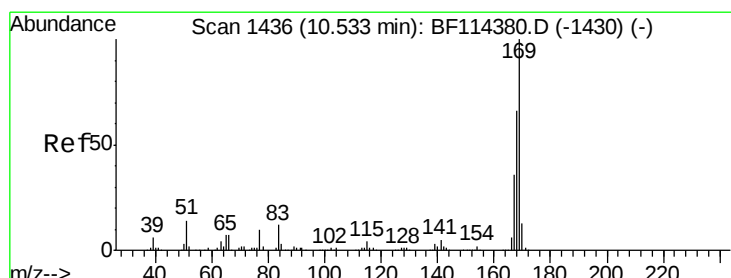
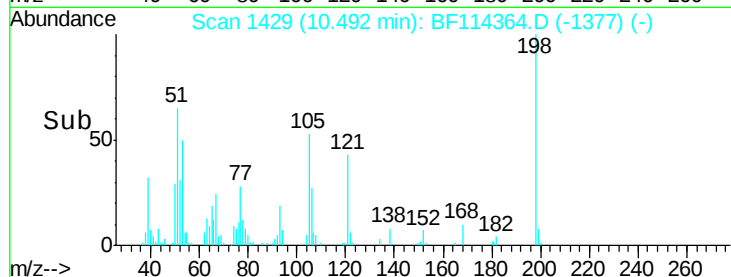
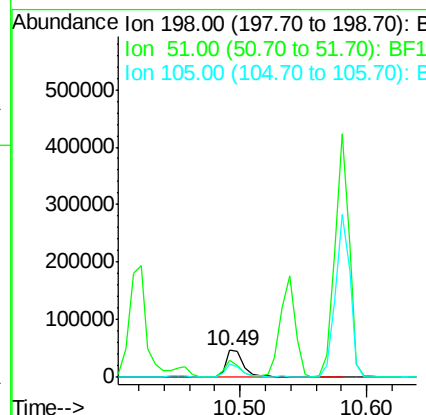
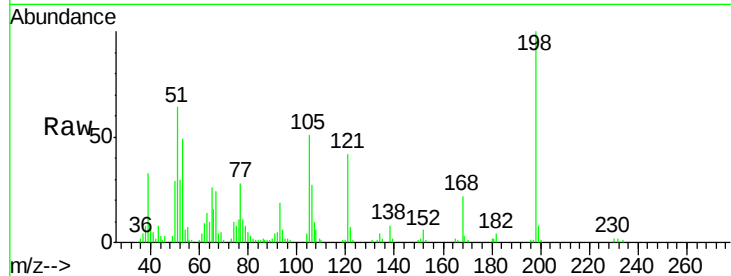
#65
 4,6-Dinitro-2-methylphenol
 Concen: 15.175 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	63.8	28.0	68.0
105	51.4	21.1	61.1

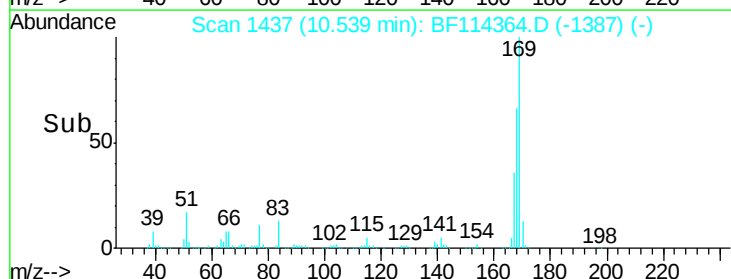
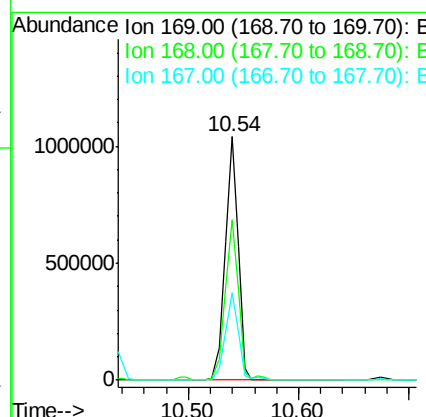
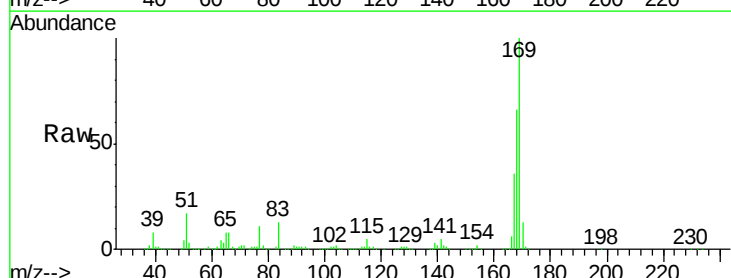
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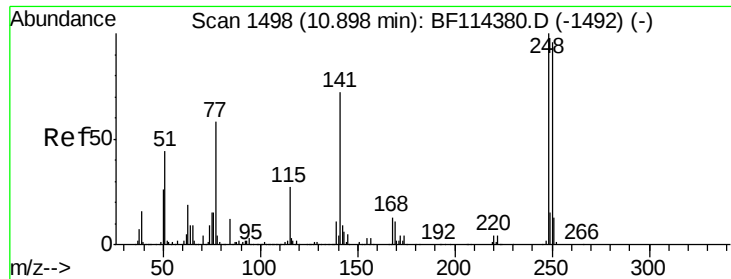
mohammad
 5/21/2019 2:16:19 PM



#66
 n-Nitrosodiphenylamine
 Concen: 42.404 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.2	81.2
167	36.1	29.8	44.8





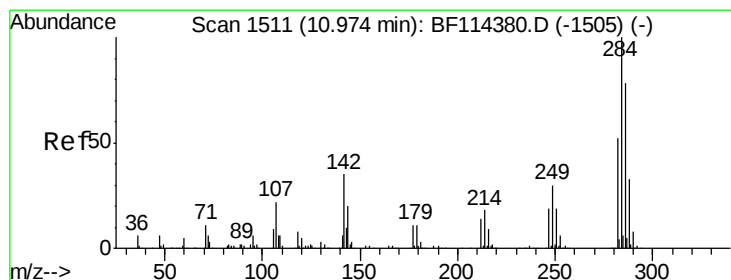
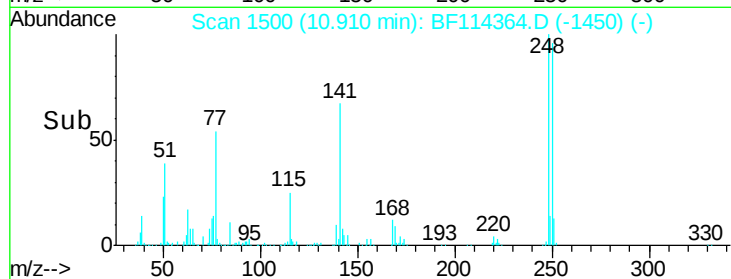
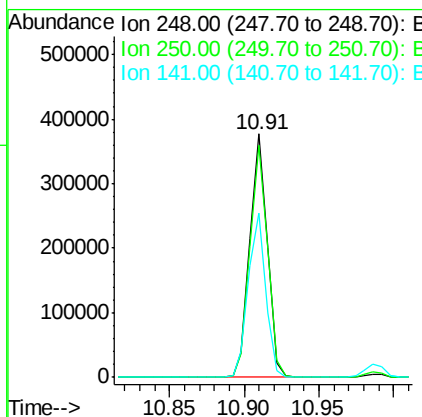
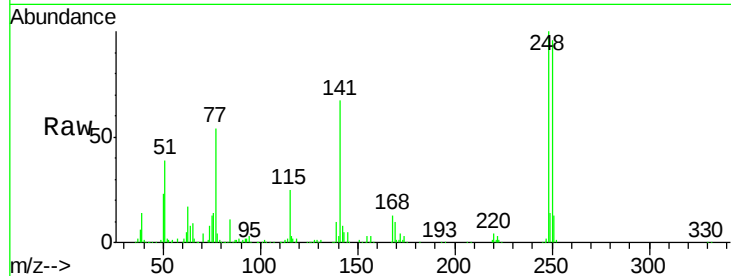
#67
 4-Bromophenyl-phenylether
 Concen: 41.644 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.4	116.2
141	67.3	55.6	83.4

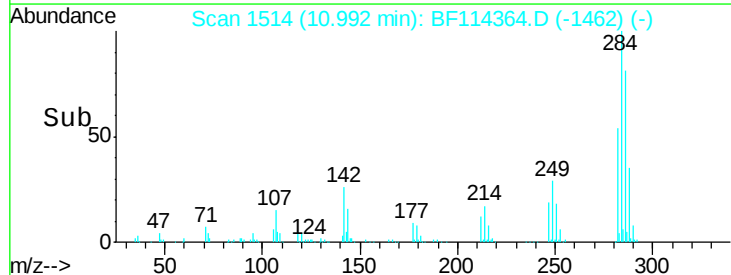
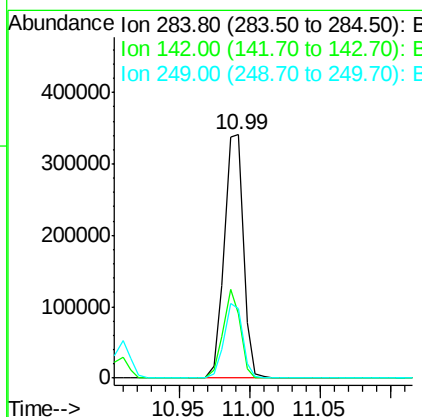
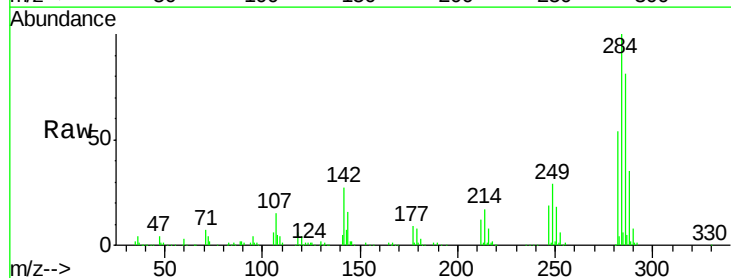
Manual Integrations
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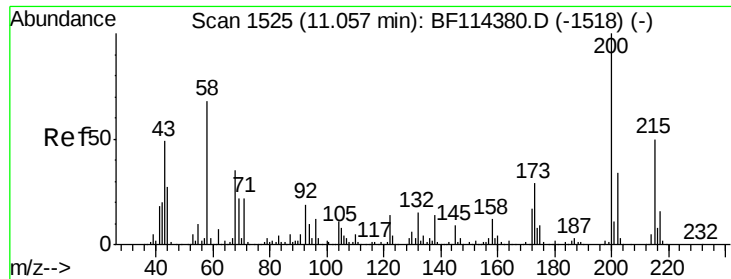
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.971 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	28.4	42.6#
249	28.8	25.2	37.8





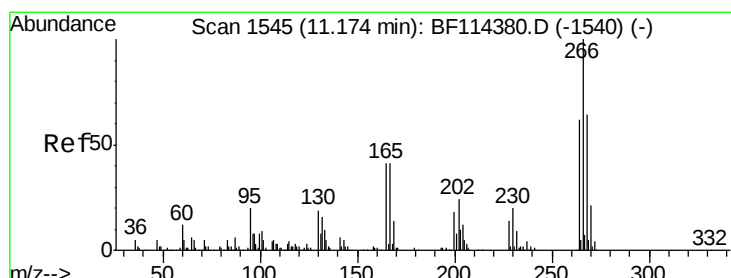
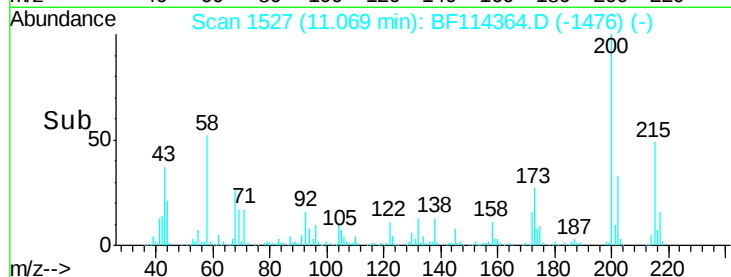
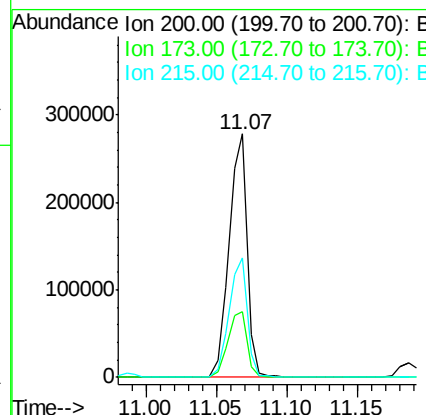
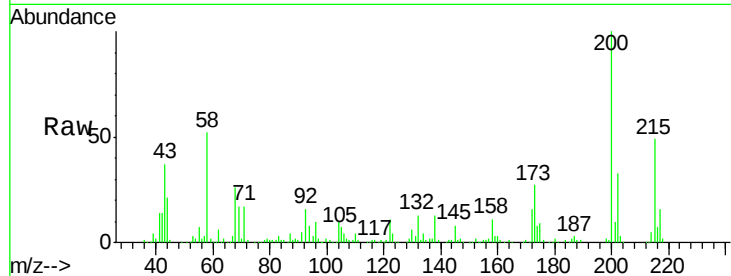
#69
Atrazine
Concen: 39.478 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	247711		
173	27.0	8.9	48.9	
215	48.9	30.7	70.7	

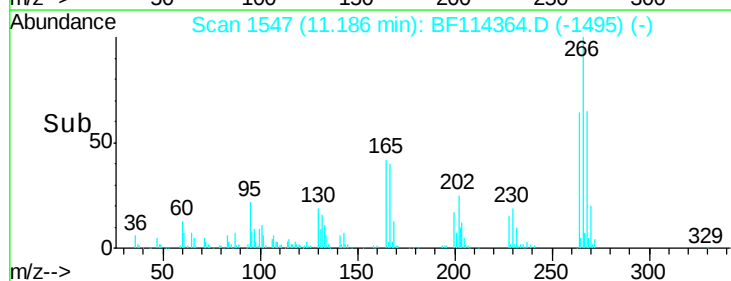
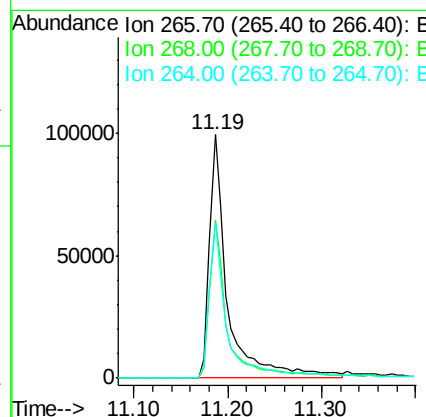
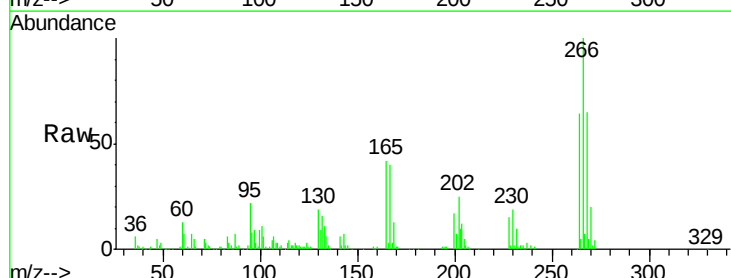
Manual Integrations
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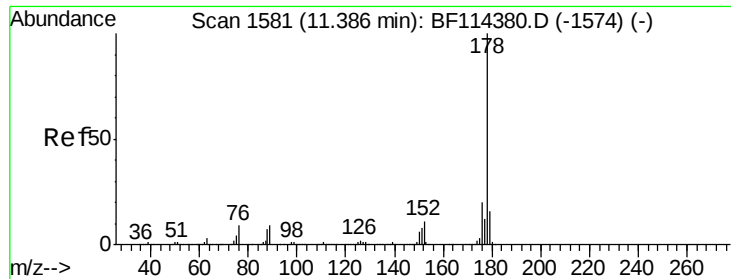
mohammad
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#70
Pentachlorophenol
Concen: 35.220 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	135102		
268	65.0	51.1	76.7	
264	63.6	51.1	76.7	





#71

Phenanthrene

Concen: 41.886 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1353802

Ion Ratio Lower Upper

178 100

176 19.8 16.4 24.6

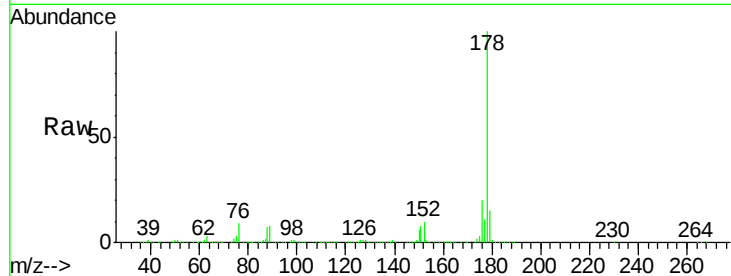
179 15.5 13.2 19.8

Manual Integrations

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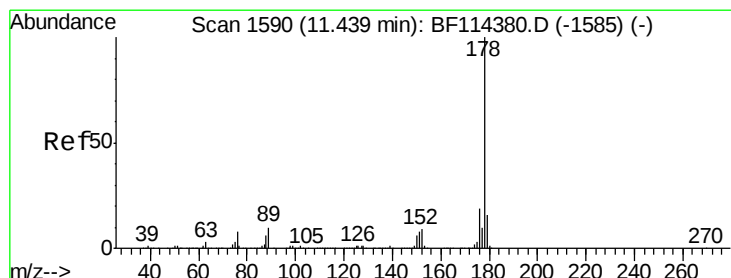
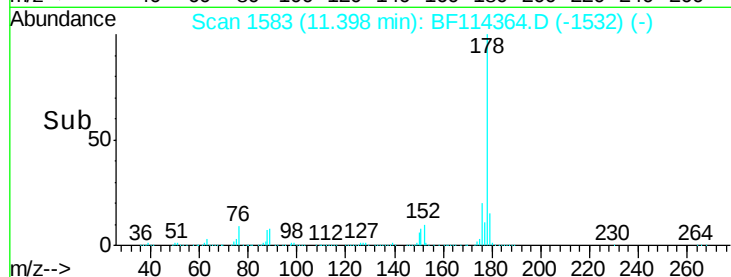
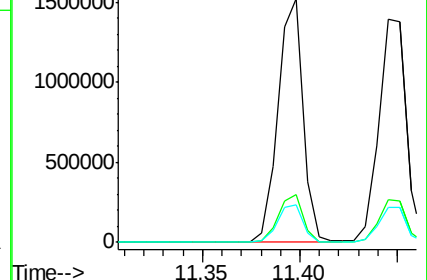
5/21/2019 2:16:19 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.279 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

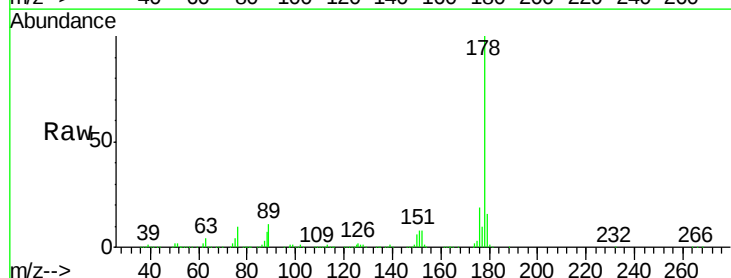
Tgt Ion:178 Resp: 1372538

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

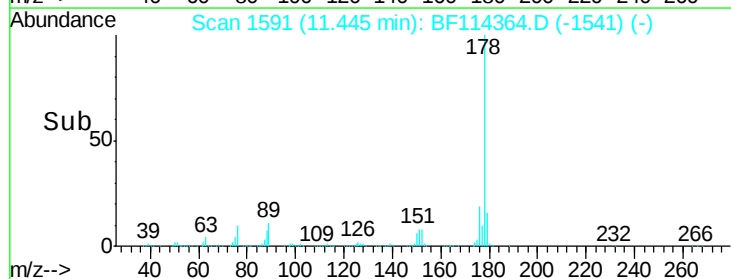
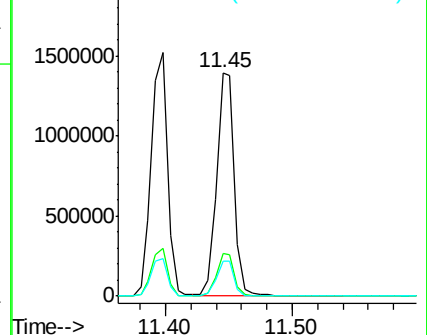
179 15.8 13.0 19.4

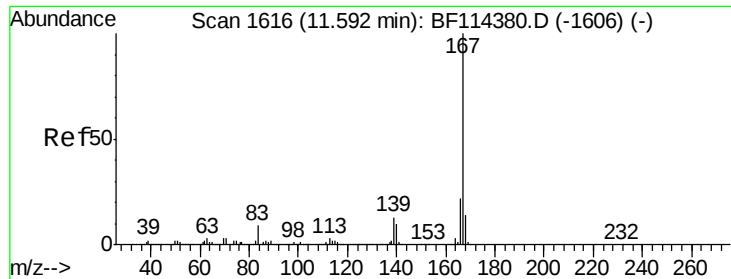


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





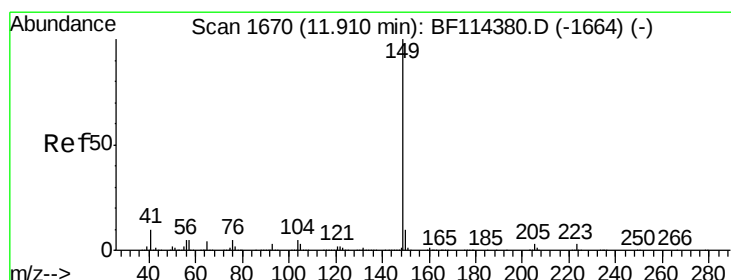
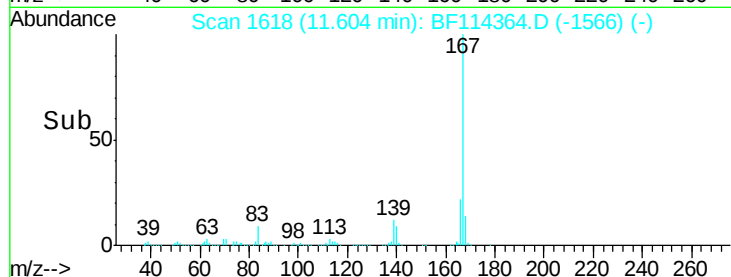
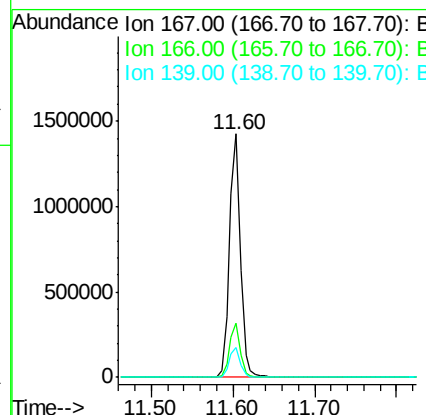
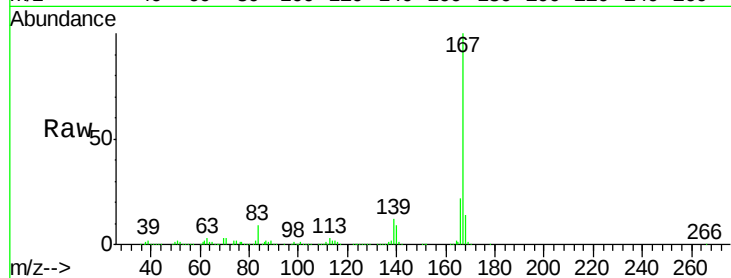
#73
 Carbazole
 Concen: 42.877 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	12.1	10.6	16.0

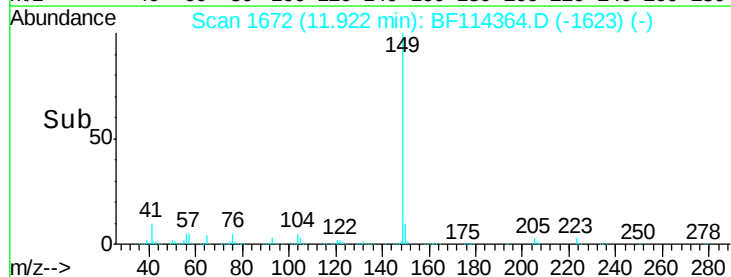
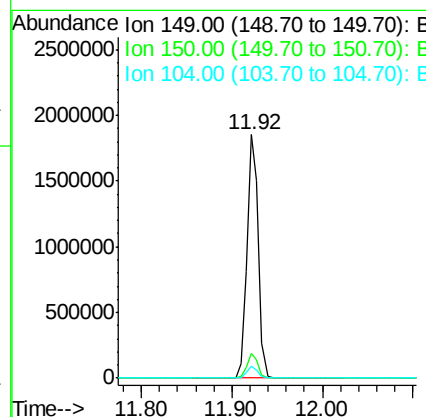
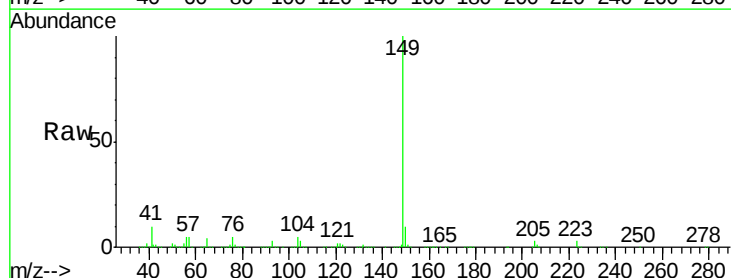
Manual Integrations
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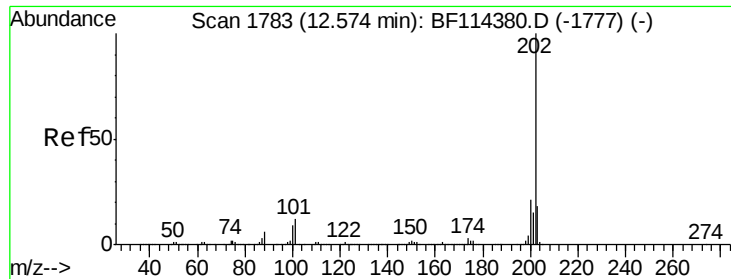
mohammad
 5/21/2019 2:16:19 PM



#74
 Di-n-butylphthalate
 Concen: 45.488 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 40.266 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

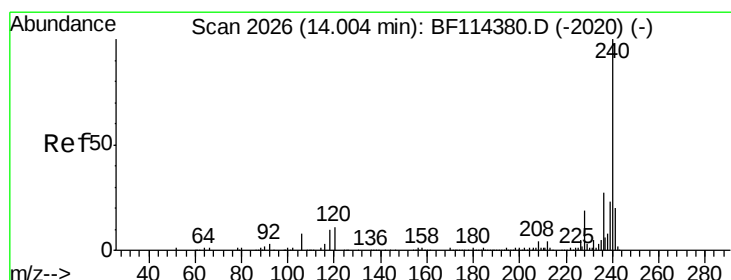
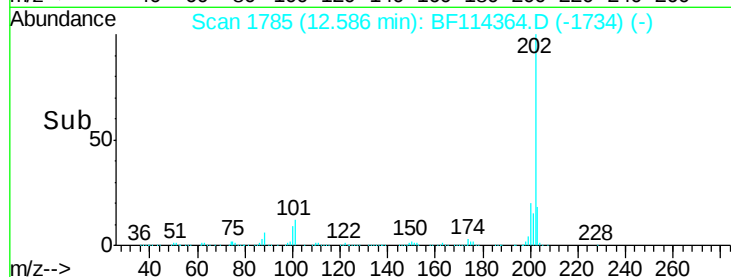
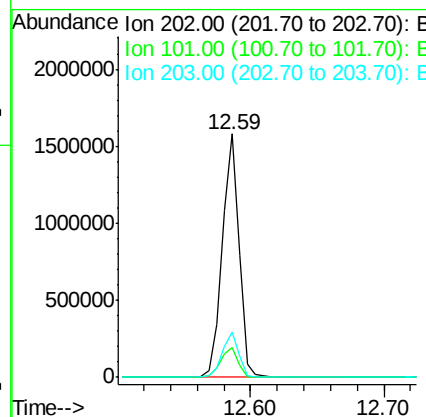
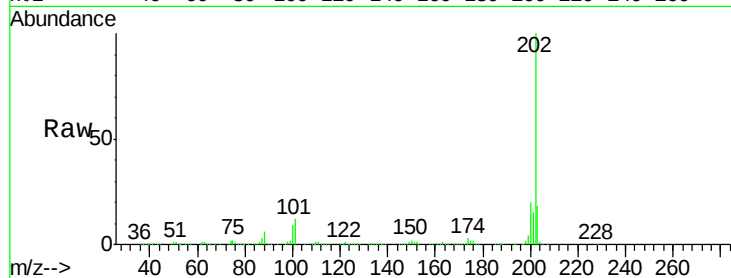
ClientSampleId :

SSTDCCC040

Tgt Ion:	202	Resp:	1401491
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.0
203	18.4	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

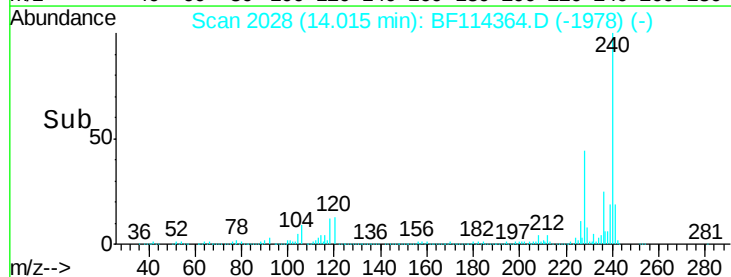
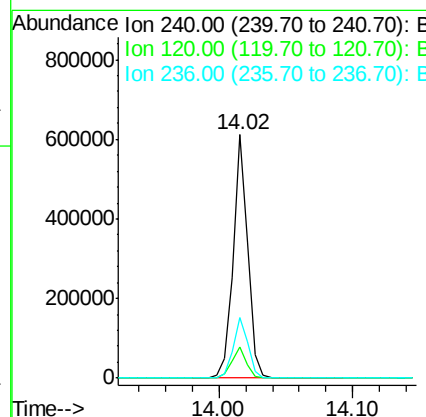
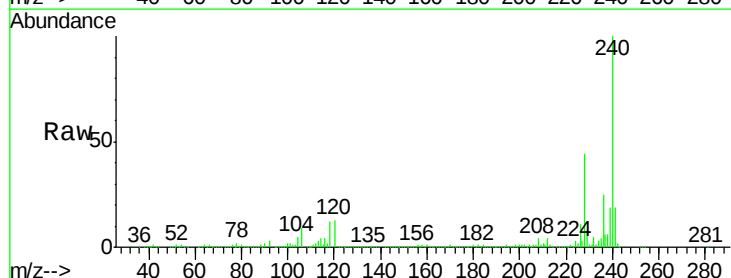
RT: 14.02 min Scan# 2028

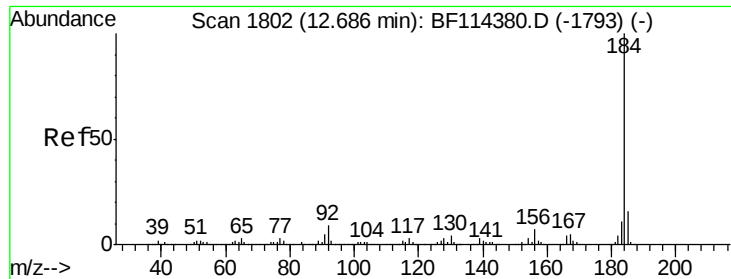
Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	240	Resp:	472091
Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	25.1	20.8	31.2





#77

Benzidine

Concen: 40.741 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

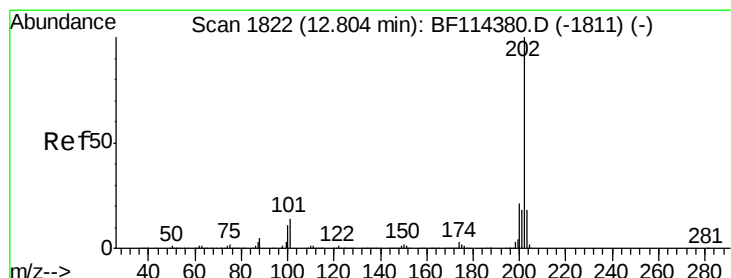
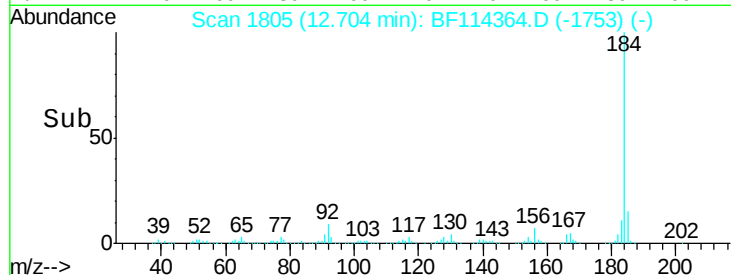
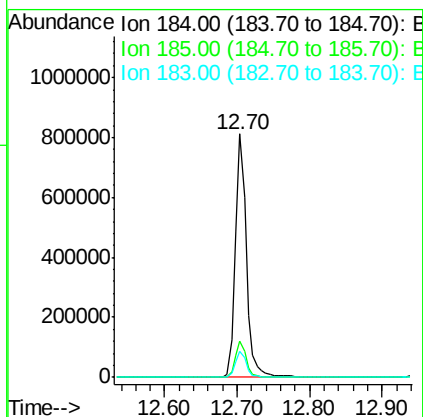
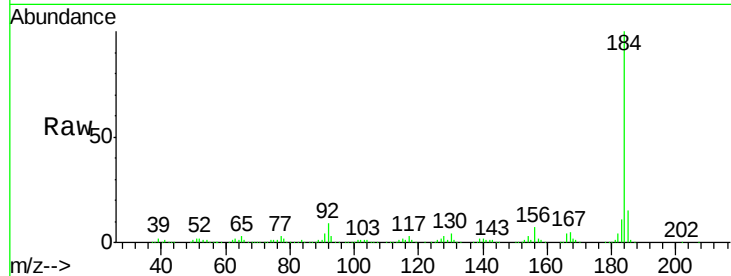
ClientSampled :

SSTDCCC040

Tgt Ion:	184	Resp:	863365
Ion Ratio		Lower	Upper
184	100		
185	15.1	13.6	20.4
183	10.6	9.2	13.8

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#78

Pyrene

Concen: 38.067 ng

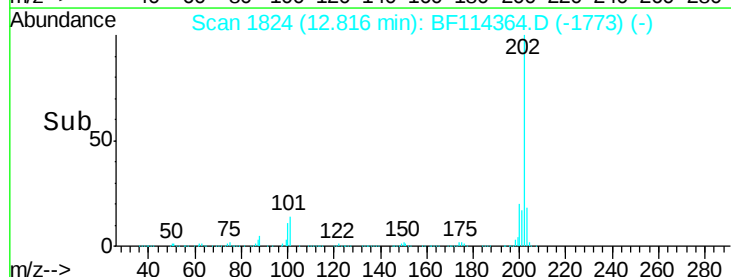
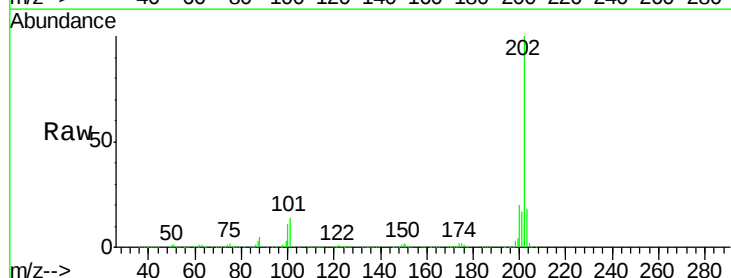
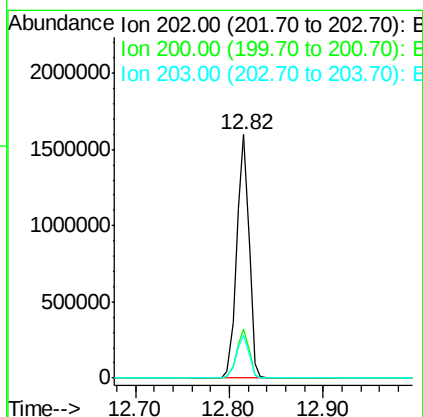
RT: 12.82 min Scan# 1824

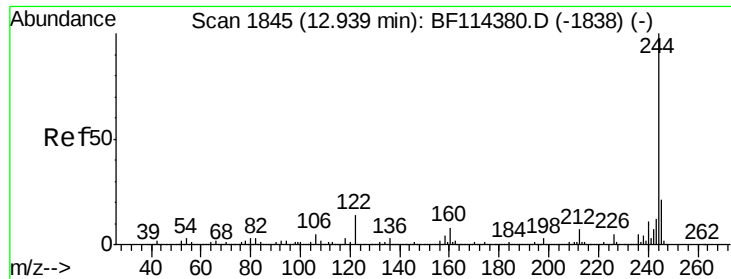
Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Tgt Ion:	202	Resp:	1445668
Ion Ratio		Lower	Upper
202	100		
200	20.2	16.9	25.3
203	17.7	14.5	21.7





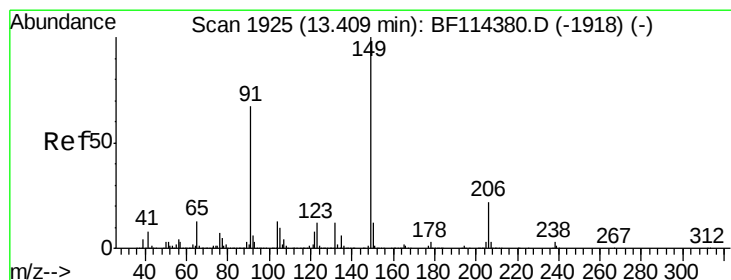
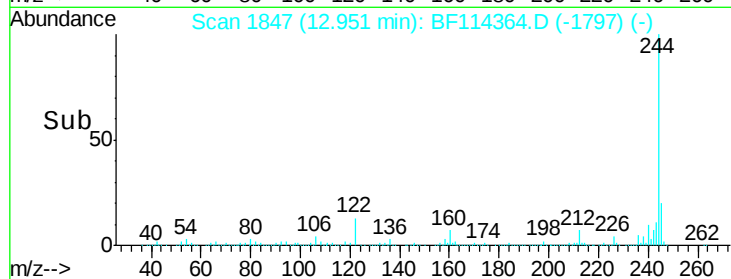
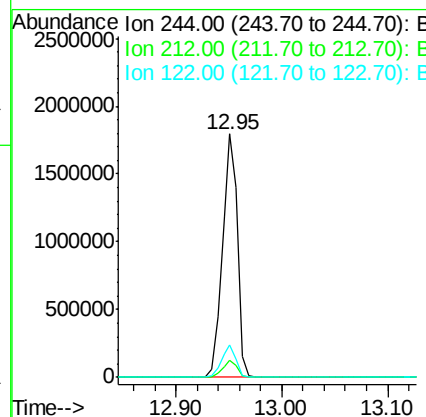
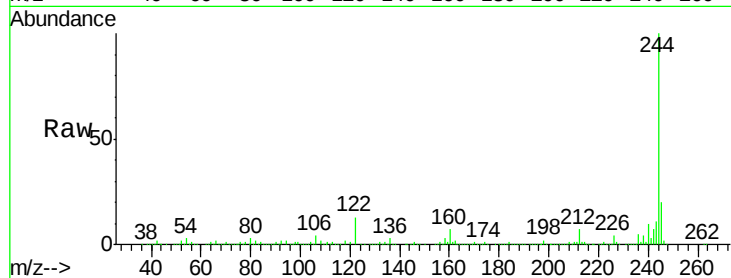
#79
 Terphenyl-d14
 Concen: 78.392 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.4	9.4	14.2

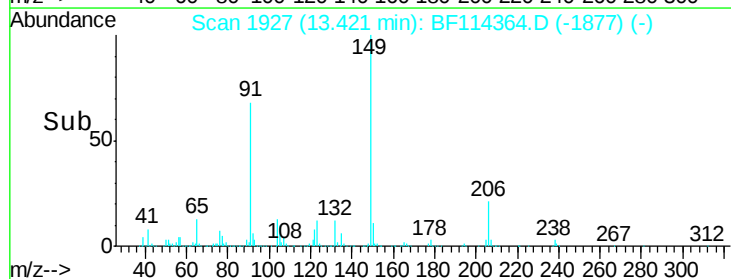
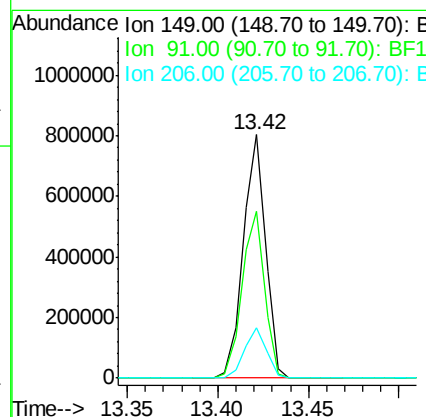
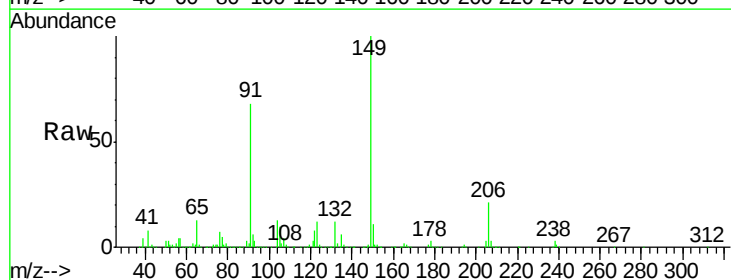
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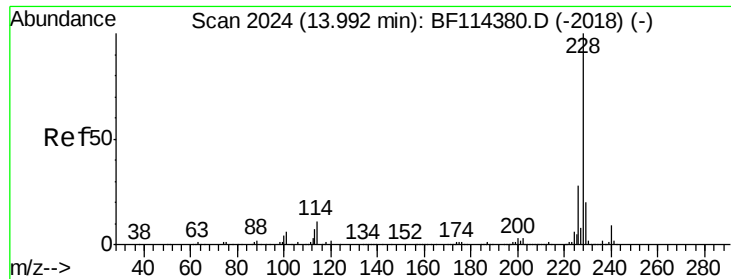
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.874 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF114364.D
 Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	55.0	82.4
206	20.6	16.9	25.3





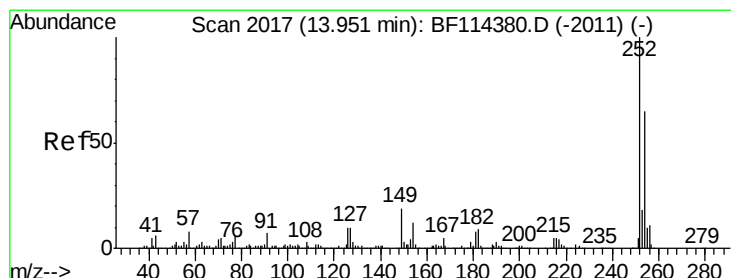
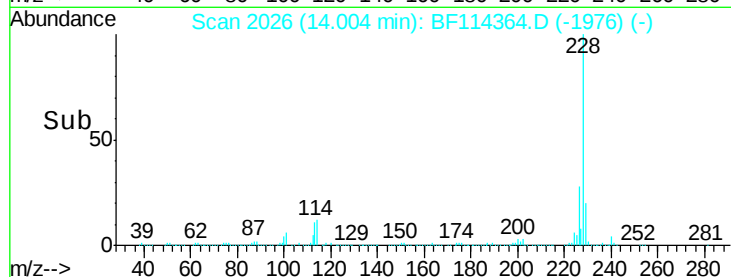
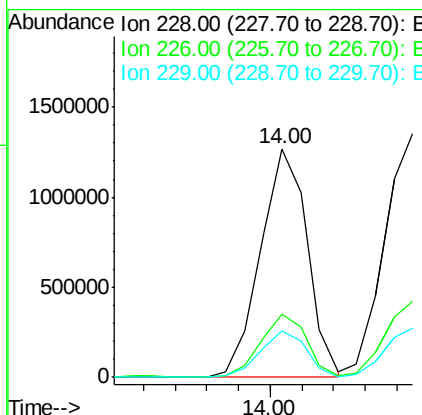
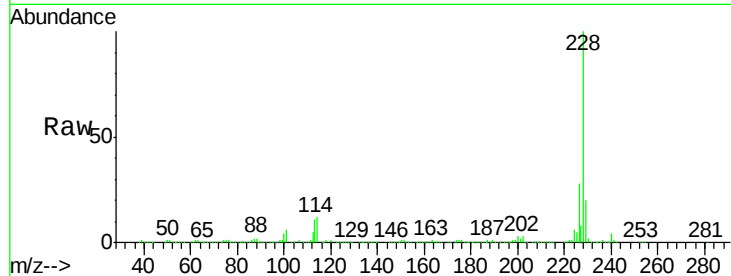
#81
Benzo(a)anthracene
Concen: 42.537 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.0	16.4	24.6

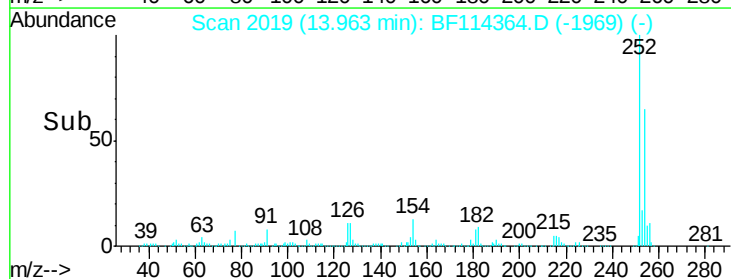
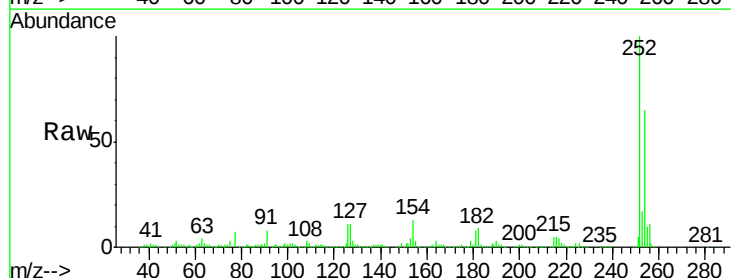
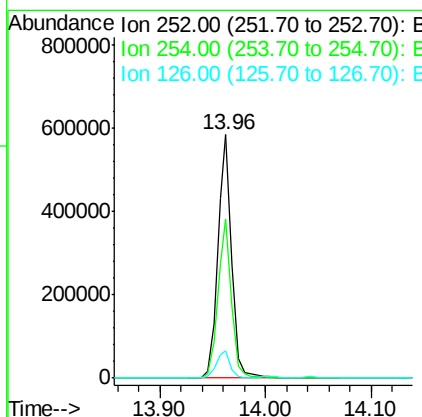
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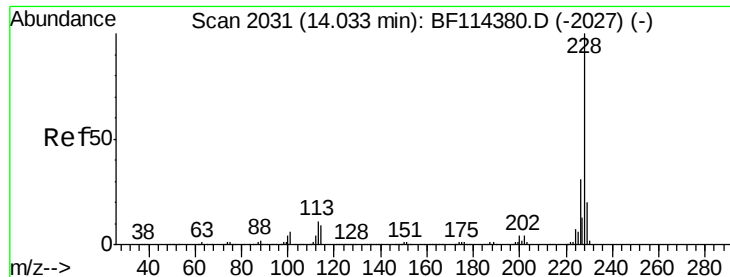
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 45.515 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	11.2	7.9	11.9





#83

Chrysene

Concen: 41.787 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1250788

Ion Ratio Lower Upper

228 100

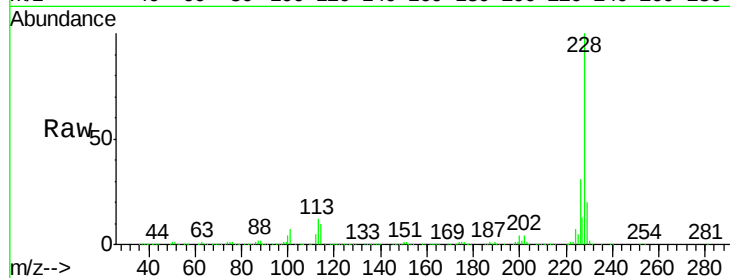
226 31.0 25.0 37.6

229 20.0 17.0 25.6

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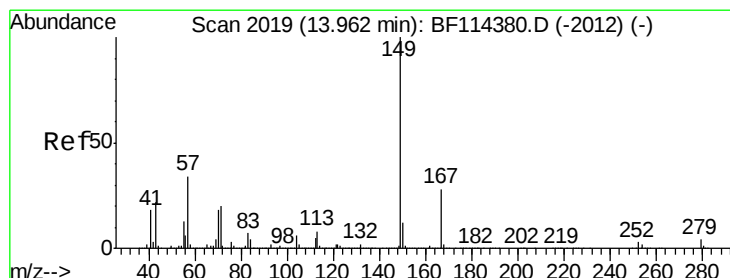
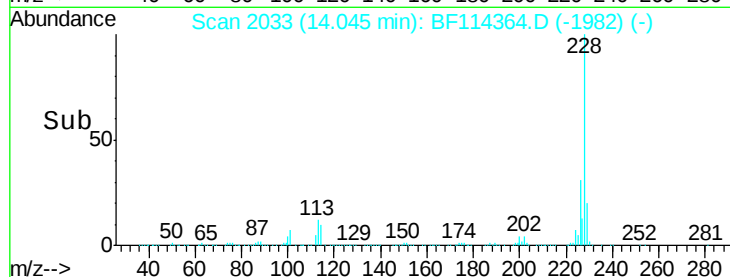
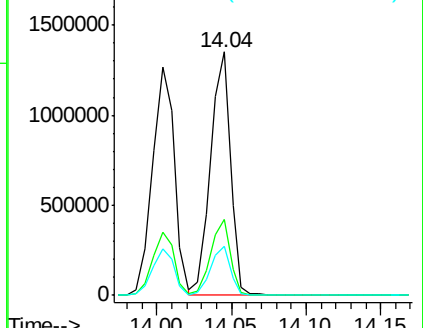
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.089 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114364.D

Acq: 17 May 2019 22:30

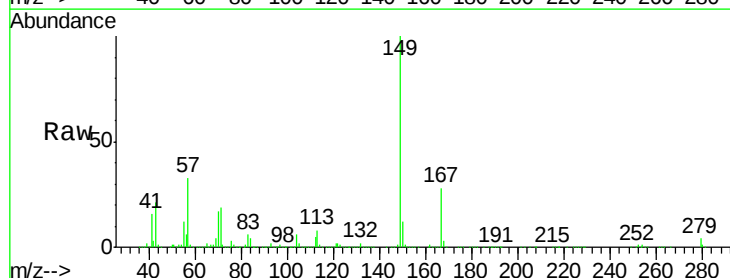
Tgt Ion:149 Resp: 921737

Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

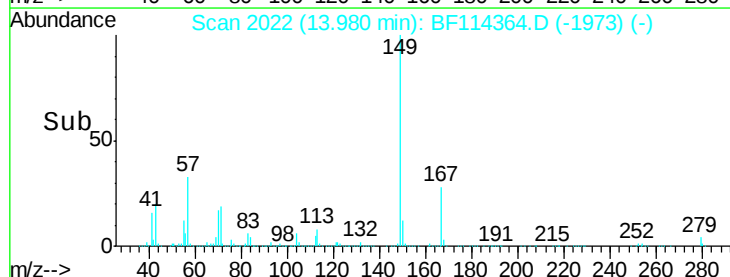
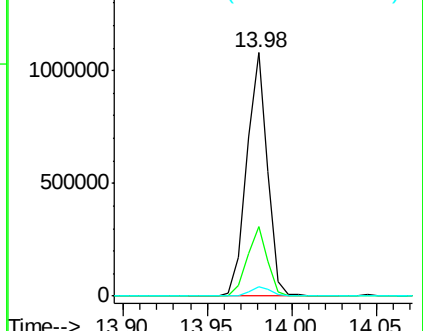
279 3.9 3.0 4.6

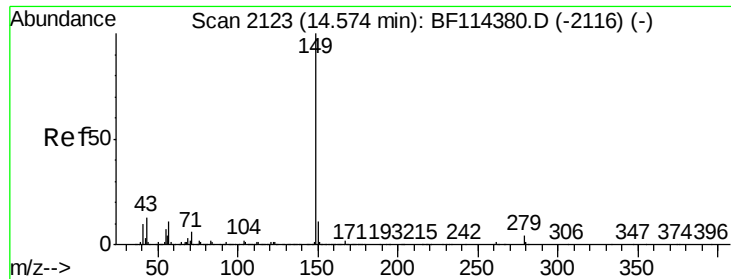


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





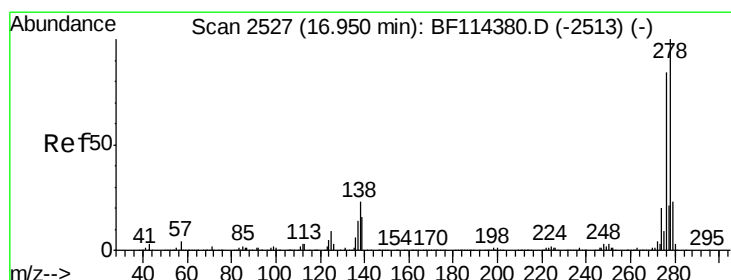
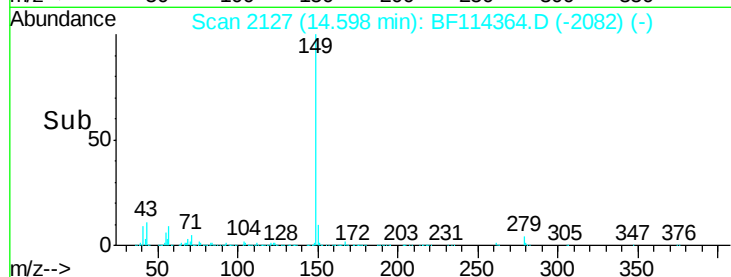
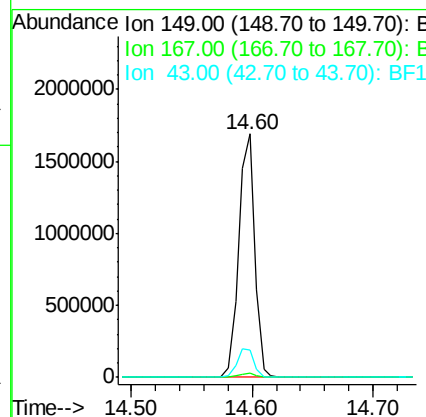
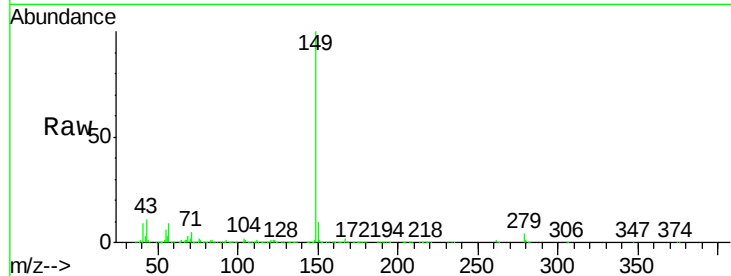
#85
Di-n-octyl phthalate
Concen: 46.092 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.04 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	10.1	15.1

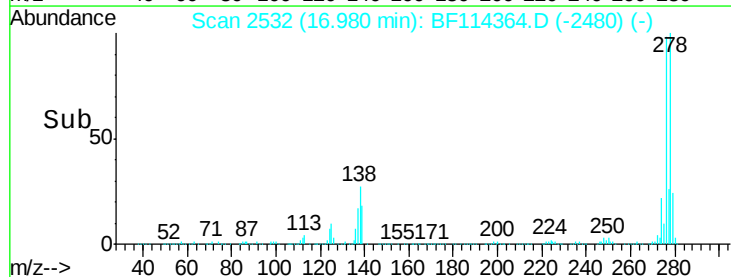
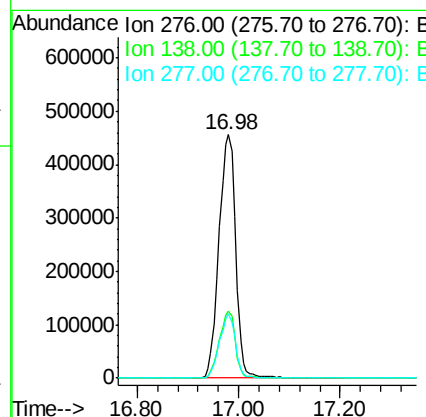
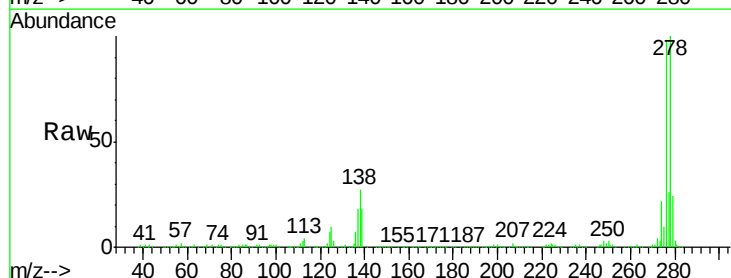
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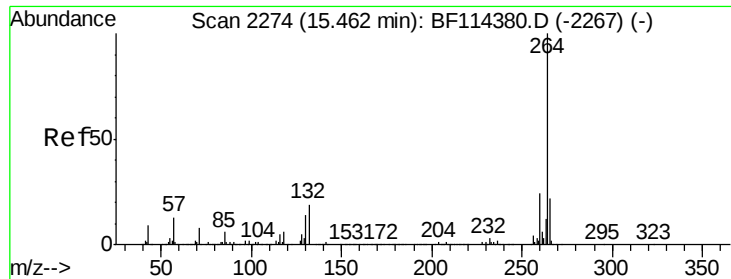
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.615 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.2	30.2
277	25.2	20.0	30.0





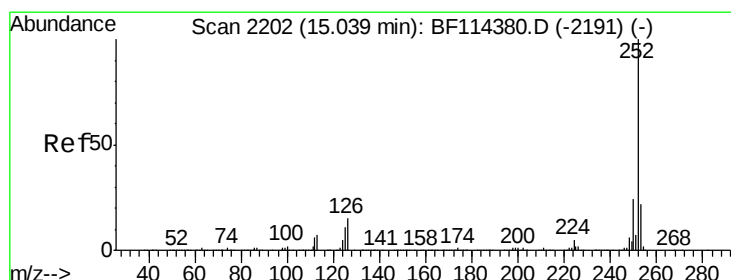
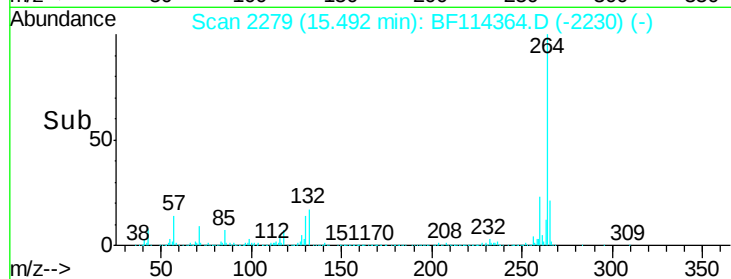
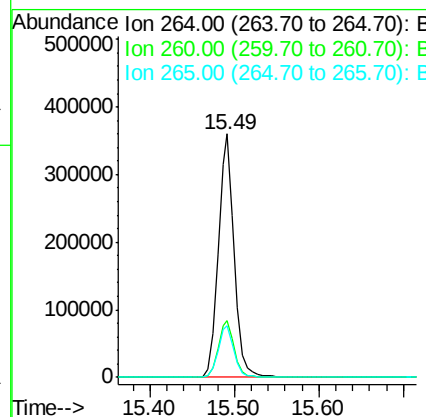
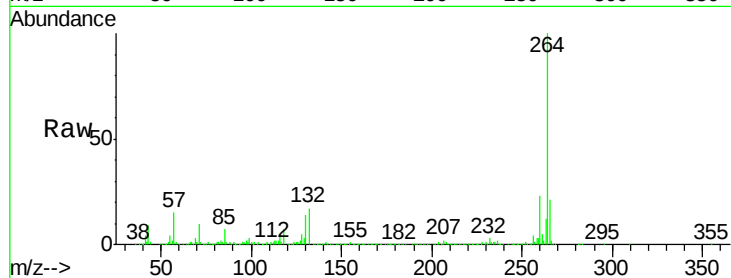
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.2	16.9	25.3

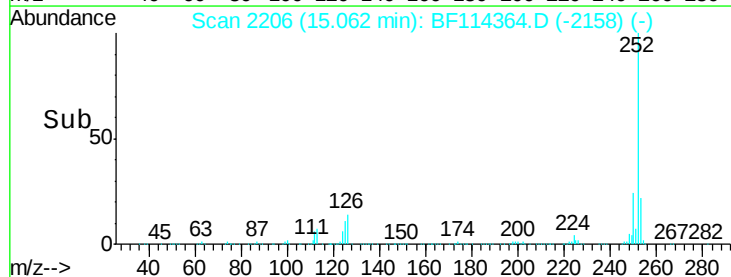
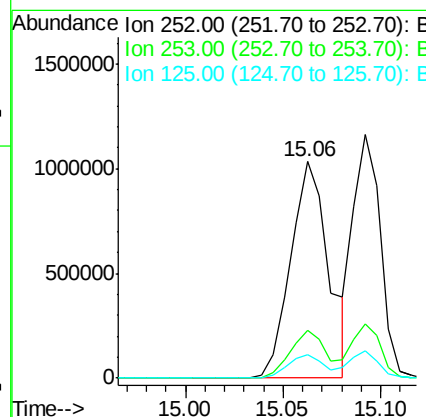
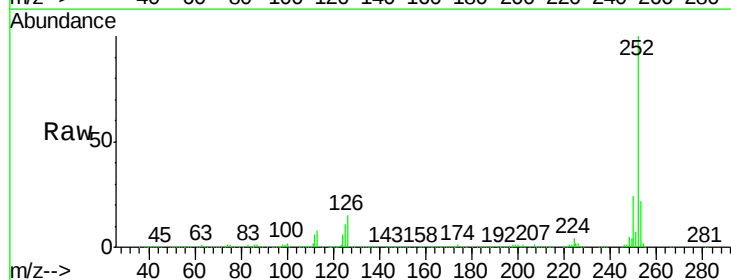
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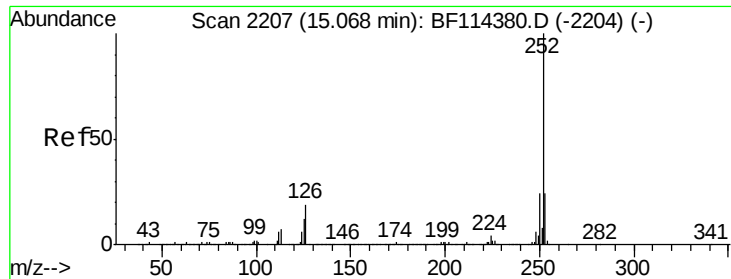
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.597 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.1	8.3	12.5





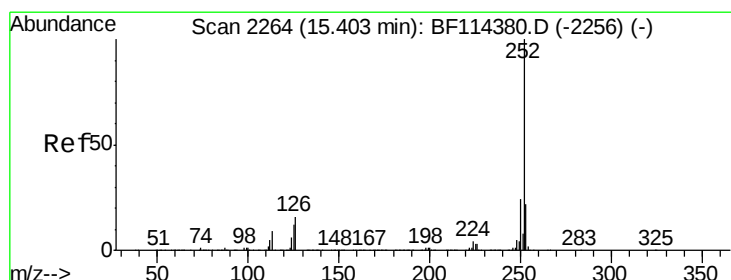
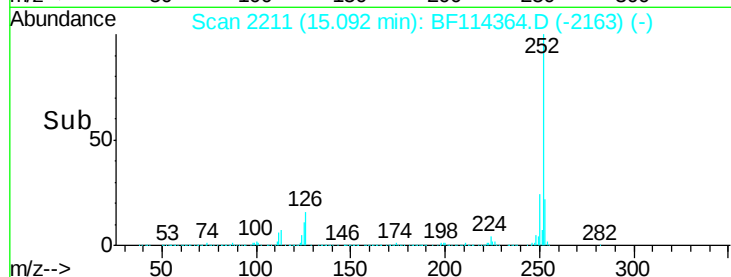
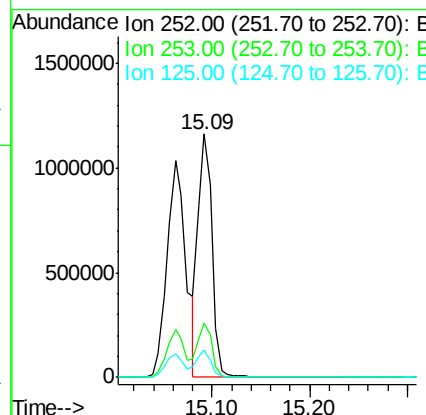
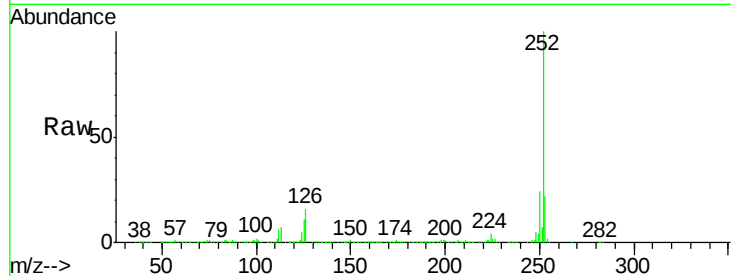
#89
Benzo(k)fluoranthene
Concen: 40.545 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.1	8.6	13.0

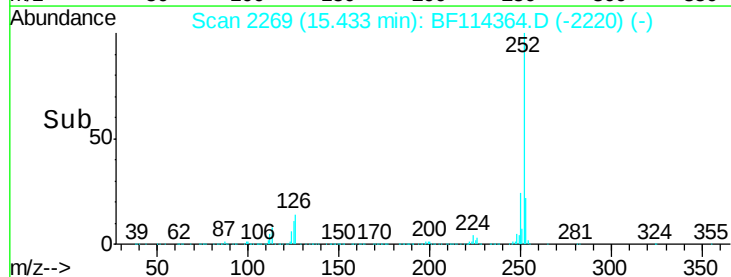
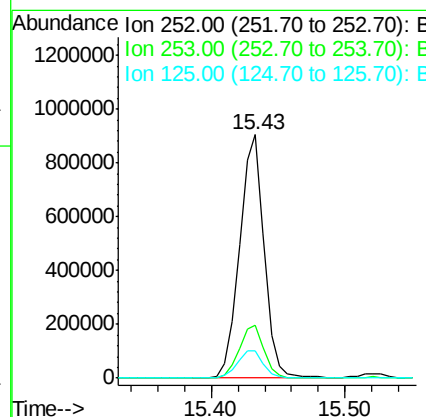
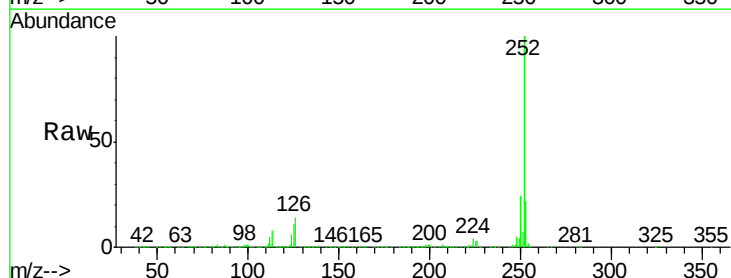
Manual Integrations
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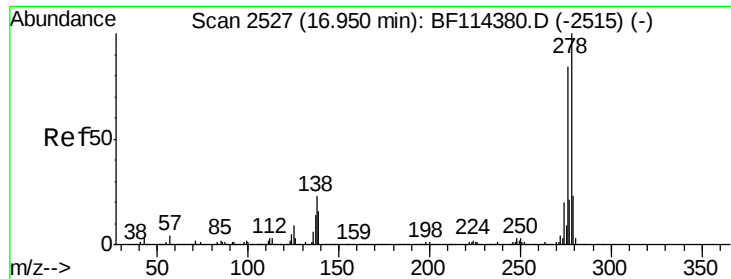
mohammad
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#90
Benzo(a)pyrene
Concen: 42.957 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.0	9.5	14.3





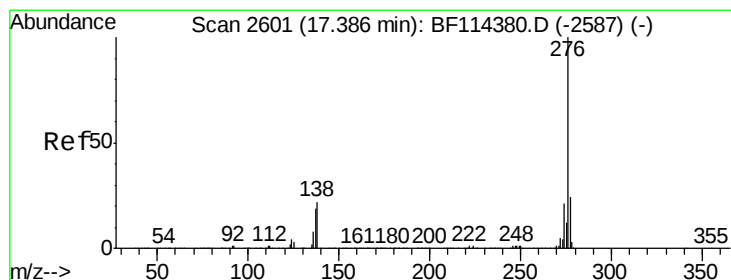
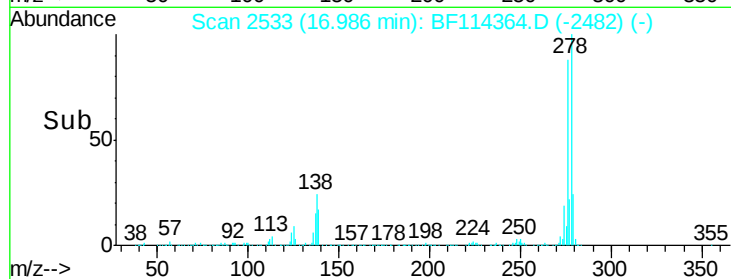
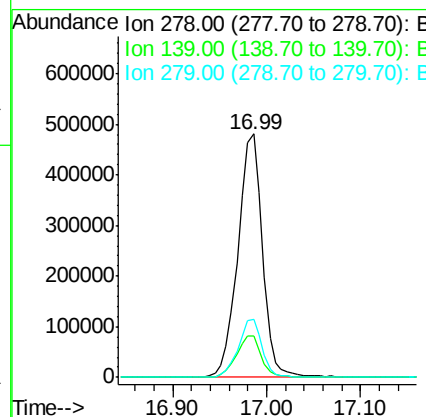
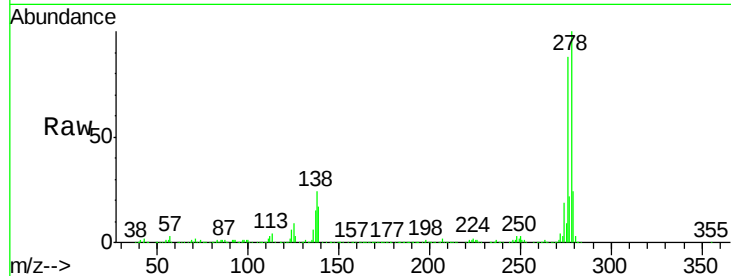
#91
Dibenzo(a,h)anthracene
Concen: 39.192 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.5	20.3
279	23.6	19.0	28.6

Manual Integrations
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mohammad
5/21/2019 2:16:19 PM



#92
Benzo(g,h,i)perylene
Concen: 36.362 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF114364.D
Acq: 17 May 2019 22:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	22.5	17.8	26.6

