

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092976.D
 Acq On : 16 Feb 2017 5:05
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/16/2017 11:39:15 AM

Quant Time: Feb 16 07:34:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	152270	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	587489	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	329760	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	494090	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	362444	20.00	ng	-0.02
86) Perylene-d12	15.46	264	316486	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	693981	78.19	ng	-0.02
7) Phenol-d6	6.51	99	891647	78.08	ng	-0.02
23) Nitrobenzene-d5	7.45	82	909983	86.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	184582	77.39	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1364446	74.96	ng	-0.01
78) Terphenyl-d14	12.98	244	1345116	87.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	185343	38.65	ng	86
3) Pyridine	3.16	79	532827	43.69	ng	88
4) n-Nitrosodimethylamine	3.12	42	233858	40.84	ng	87
6) Aniline	6.53	93	646059	41.47	ng	# 56
8) 2-Chlorophenol	6.66	128	414136	42.29	ng	99
9) Benzaldehyde	6.42	77	299357	36.59	ng	95
10) Phenol	6.52	94	489145	36.61	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	445087	41.74	ng	97
12) 1,3-Dichlorobenzene	6.81	146	452439m	39.45	ng	
13) 1,4-Dichlorobenzene	6.89	146	454955	39.19	ng	98
14) 1,2-Dichlorobenzene	7.05	146	464477	41.85	ng	95
15) Benzyl Alcohol	7.02	79	344284	40.72	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.15	45	780044	42.10	ng	93
17) 2-Methylphenol	7.14	107	367604	43.76	ng	96
18) Hexachloroethane	7.39	117	151400	38.21	ng	# 83
19) n-Nitroso-di-n-propylamine	7.30	70	301489	41.47	ng	# 92
20) 3+4-Methylphenols	7.29	107	403318	40.16	ng	# 66
22) Acetophenone	7.29	105	505036	37.65	ng	# 91
24) Nitrobenzene	7.46	77	424012	39.14	ng	98
25) Isophorone	7.70	82	812865	41.35	ng	95
26) 2-Nitrophenol	7.78	139	229445	44.56	ng	90
27) 2,4-Dimethylphenol	7.82	122	366235	40.50	ng	91
28) bis(2-Chloroethoxy)methane	7.92	93	569233	43.72	ng	99
29) 2,4-Dichlorophenol	8.02	162	332042	39.37	ng	89
30) 1,2,4-Trichlorobenzene	8.10	180	349139	38.41	ng	95
31) Naphthalene	8.18	128	1116009	37.47	ng	99
32) Benzoic acid	7.94	122	201545	40.63	ng	98
33) 4-Chloroaniline	8.24	127	517715	44.33	ng	98
34) Hexachlorobutadiene	8.29	225	190354	38.07	ng	99
35) Caprolactam	8.61	113	108196	40.78	ng	# 40
36) 4-Chloro-3-methylphenol	8.72	107	339285	38.58	ng	99
37) 2-Methylnaphthalene	8.88	142	787087	41.16	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	346971	37.48	ng	100
40) Hexachlorocyclopentadiene	9.02	237	75246	18.02	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	232255	38.18	ng	93
43) 2,4,5-Trichlorophenol	9.20	196	260773	39.13	ng #	84
45) 1,1'-Biphenyl	9.33	154	878908	36.81	ng	97
46) 2-Chloronaphthalene	9.36	162	701523	37.56	ng	95
47) 2-Nitroaniline	9.46	65	265367	42.25	ng	98
48) Acenaphthylene	9.78	152	1233957	38.24	ng	98
49) Dimethylphthalate	9.64	163	909996	40.97	ng	100
50) 2,6-Dinitrotoluene	9.70	165	179247	37.37	ng #	79
51) Acenaphthene	9.95	154	741215	38.42	ng	96
52) 3-Nitroaniline	9.87	138	220925	40.24	ng	96
53) 2,4-Dinitrophenol	9.97	184	48531	23.45	ng #	62
54) Dibenzofuran	10.12	168	970211	37.60	ng #	88
55) 4-Nitrophenol	10.03	139	136828	34.61	ng	88
56) 2,4-Dinitrotoluene	10.10	165	234564	36.73	ng	90
57) Fluorene	10.45	166	740473	37.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	185195	41.66	ng	96
59) Diethylphthalate	10.34	149	825422	39.43	ng	94
60) 4-Chlorophenyl-phenylether	10.45	204	370671	38.86	ng #	81
61) 4-Nitroaniline	10.49	138	233578	41.54	ng	78
62) Azobenzene	10.61	77	810294m	37.47	ng	
64) 4,6-Dinitro-2-methylphenol	10.51	198	82588	28.60	ng #	65
65) n-Nitrosodiphenylamine	10.57	169	633864	40.16	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	213939	41.44	ng #	76
67) Hexachlorobenzene	11.00	284	198762	38.96	ng #	81
68) Atrazine	11.09	200	215791	42.60	ng	99
69) Pentachlorophenol	11.20	266	98536	41.25	ng	97
70) Phenanthrene	11.41	178	1086204	38.37	ng	99
71) Anthracene	11.47	178	1162151	40.88	ng	99
72) Carbazole	11.63	167	1170486	43.07	ng	98
73) Di-n-butylphthalate	11.95	149	1247504	42.45	ng	98
74) Fluoranthene	12.60	202	1004364	34.40	ng	99
76) Benzidine	12.73	184	522239	33.81	ng	99
77) Pyrene	12.83	202	1015079	37.42	ng	99
79) Butylbenzylphthalate	13.45	149	486974	44.21	ng	93
80) Benzo(a)anthracene	14.02	228	834145	37.63	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	310588	39.31	ng #	96
82) Chrysene	14.05	228	743350	35.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	681451	45.24	ng #	97
84) Di-n-octyl phthalate	14.61	149	1092893	44.55	ng	100
85) Indeno(1,2,3-cd)pyrene	16.89	276	742696	46.20	ng #	94
87) Benzo(b)fluoranthene	15.05	252	932878m	44.78	ng	
88) Benzo(k)fluoranthene	15.08	252	585221m	32.54	ng	
89) Benzo(a)pyrene	15.40	252	719072	39.91	ng #	96
90) Dibenzo(a,h)anthracene	16.90	278	636194	43.69	ng	98
91) Benzo(g,h,i)perylene	17.31	276	638548	43.40	ng #	91

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

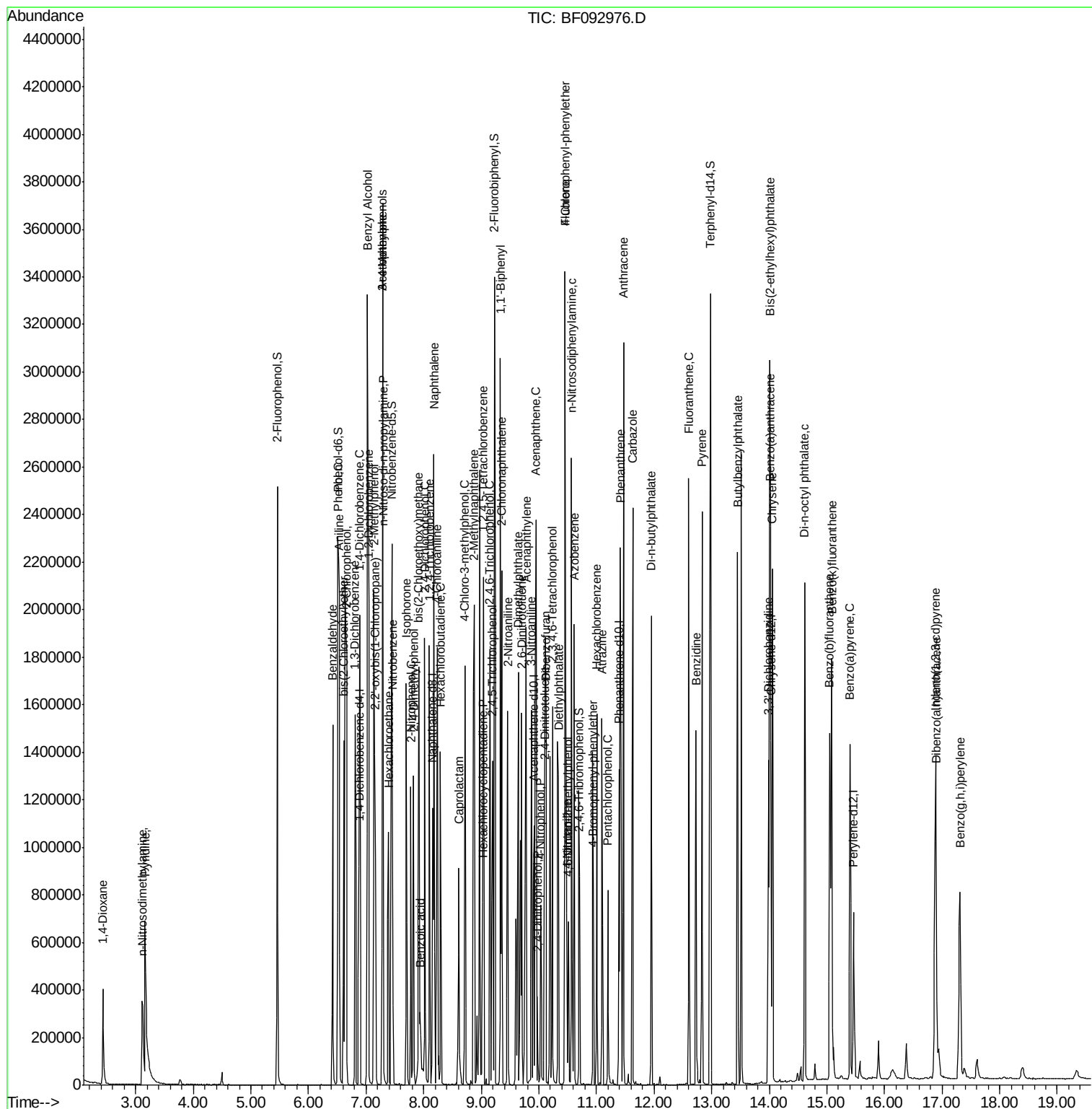
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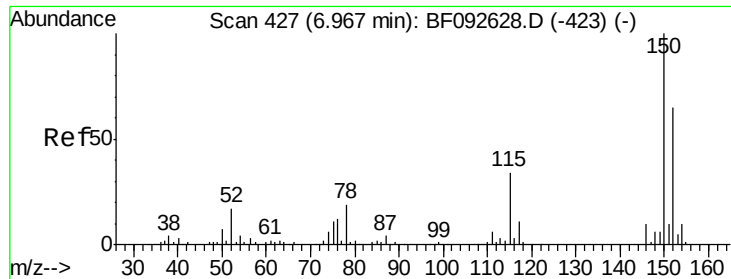
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

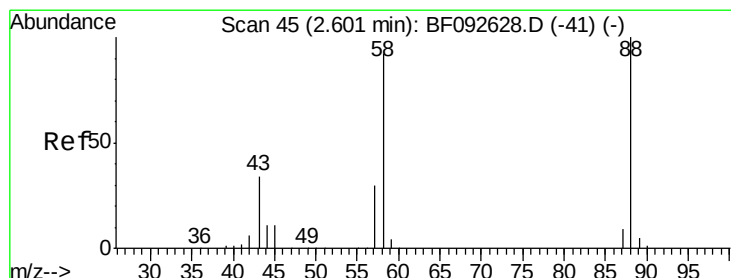
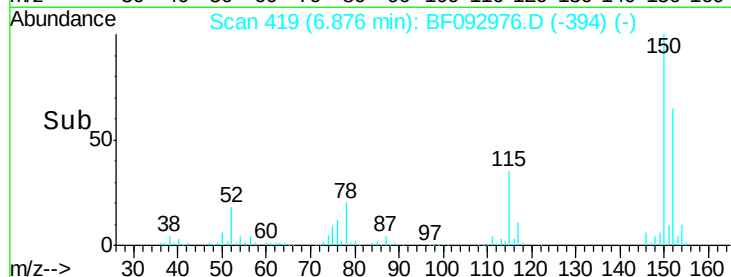
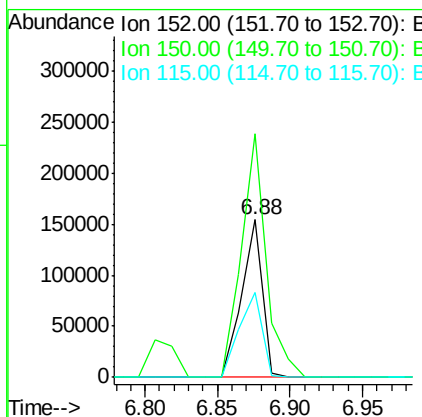
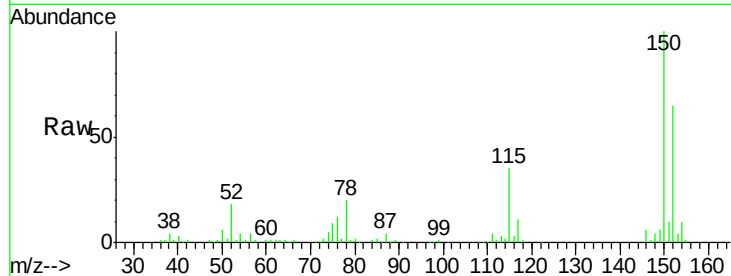
ClientSampleId :

SSTDCCC040

Tgt Ion:	152	Resp:	152270
Ion Ratio	Lower	Upper	
152	100		
150	154.3	124.9	187.3
115	53.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 38.65 ng

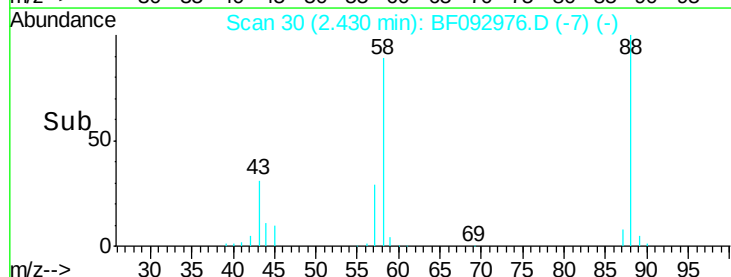
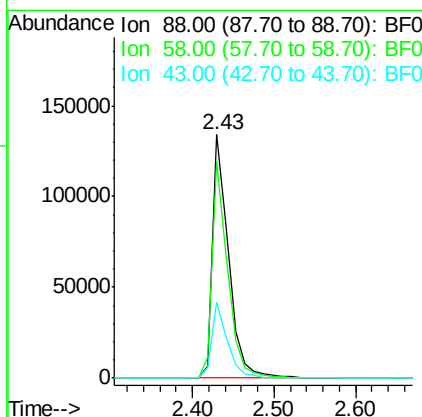
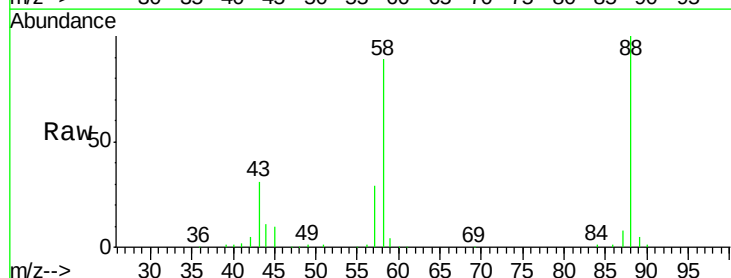
RT: 2.43 min Scan# 30

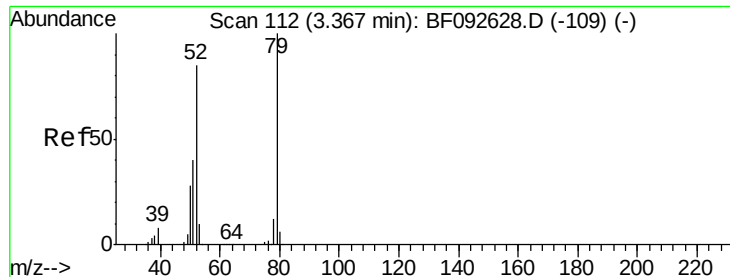
Delta R.T. -0.03 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Tgt Ion:	88	Resp:	185343
Ion Ratio	Lower	Upper	
88	100		
58	86.7	57.8	86.8
43	31.3	22.3	33.5





#3

Pyridine

Concen: 43.69 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.03 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

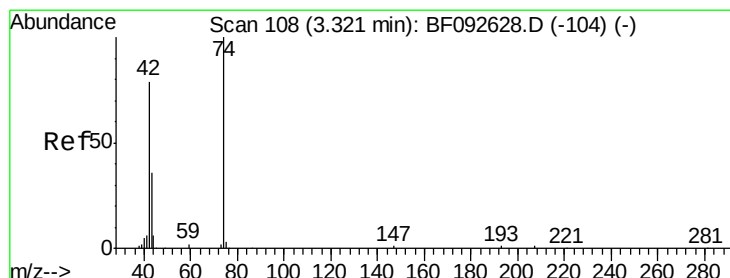
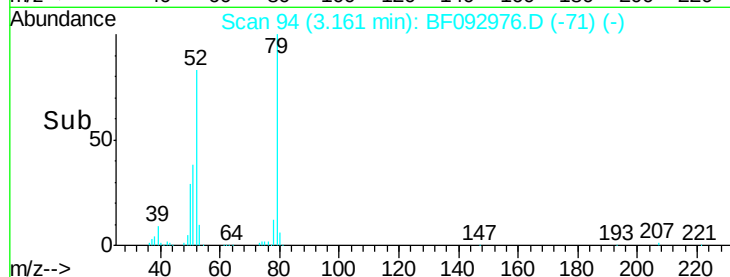
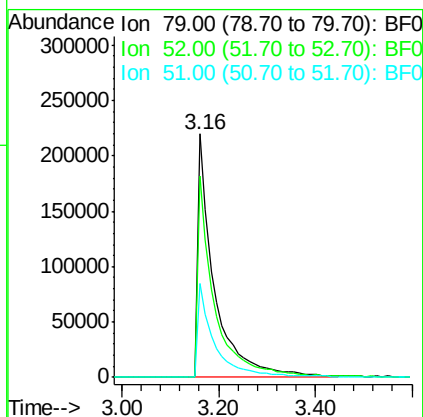
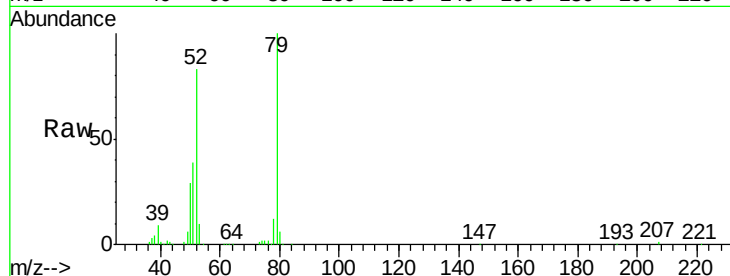
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	532827
Ion Ratio	Lower	Upper	
79	100		
52	82.7	57.1	85.7
51	38.6	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 40.84 ng

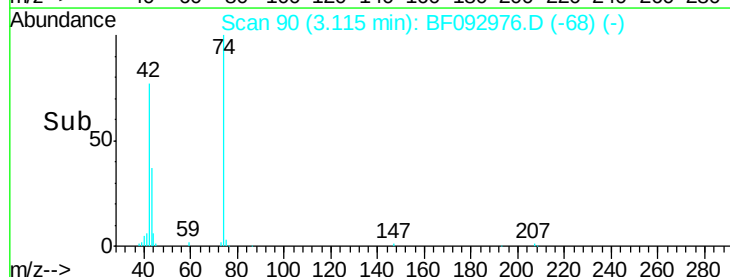
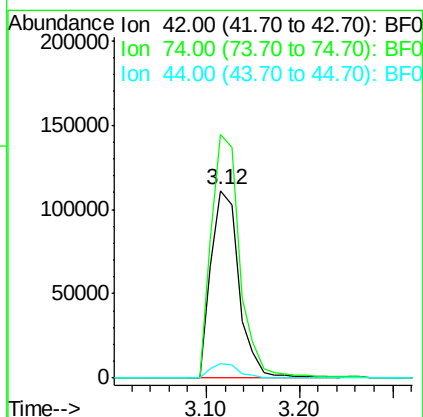
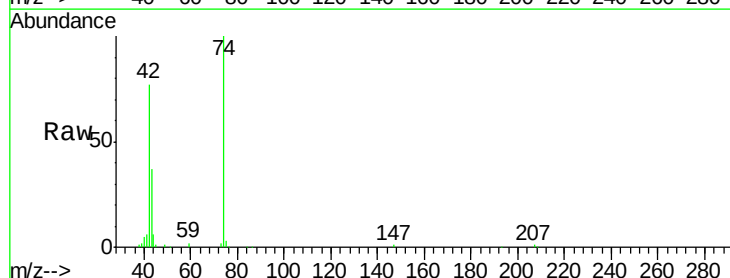
RT: 3.12 min Scan# 90

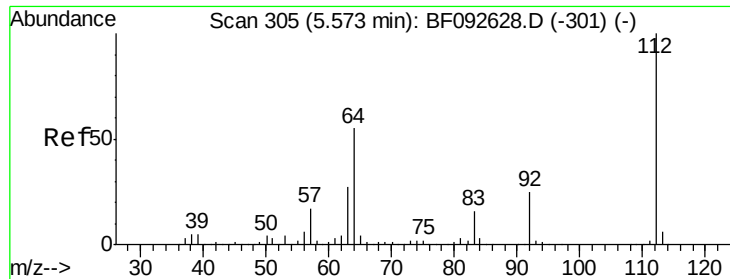
Delta R.T. -0.05 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Tgt Ion:	42	Resp:	233858
Ion Ratio	Lower	Upper	
42	100		
74	129.6	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 78.19 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.02 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

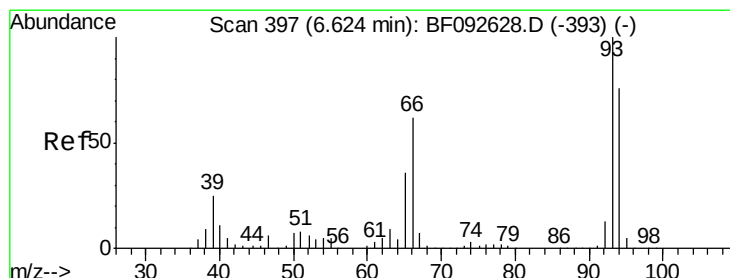
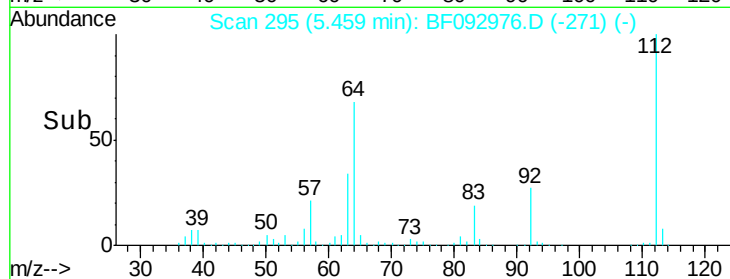
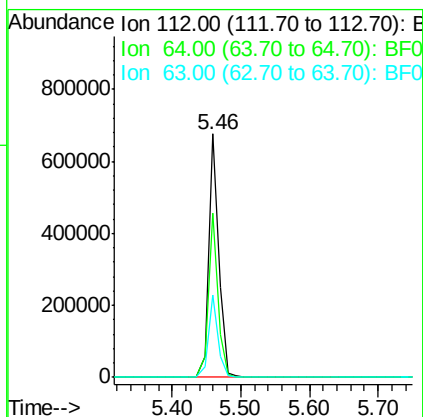
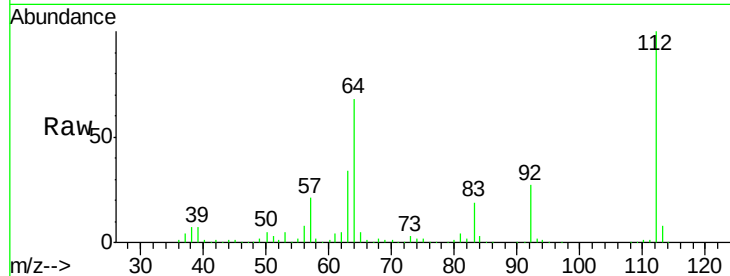
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	693981
Ion Ratio	Lower	Upper	
112	100		
64	67.7	46.1	69.1
63	34.0	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 41.47 ng

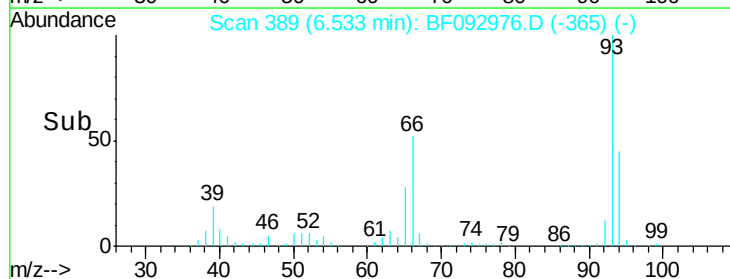
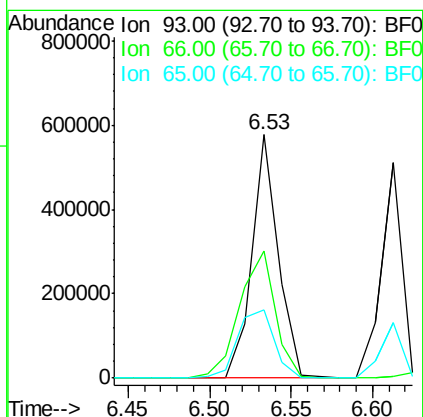
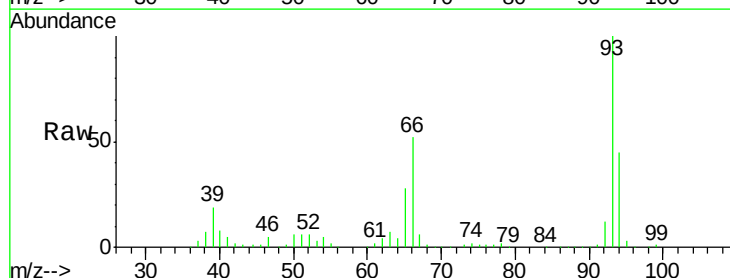
RT: 6.53 min Scan# 389

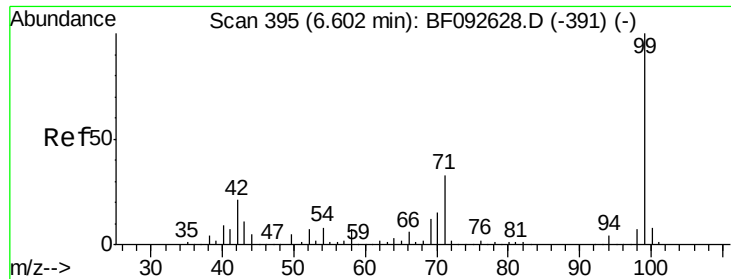
Delta R.T. -0.02 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Tgt Ion:	93	Resp:	646059
Ion Ratio	Lower	Upper	
93	100		
66	52.0	76.2	114.2#
65	28.1	49.3	73.9#





#7

Phenol-d6

Concen: 78.08 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

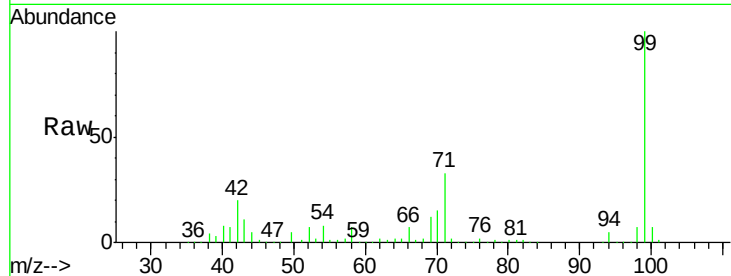
ClientSampleId :

SSTDCCC040

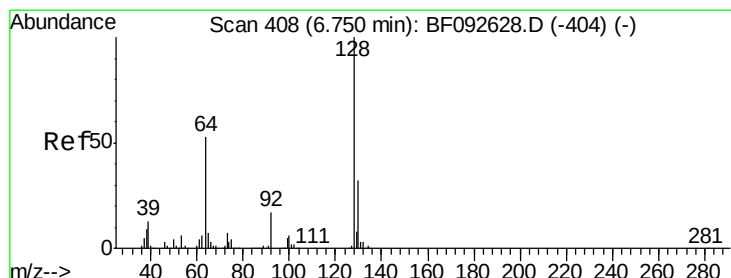
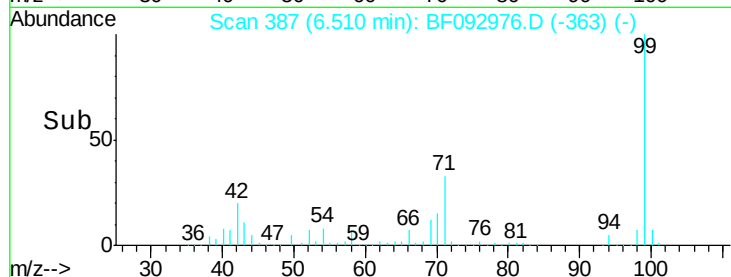
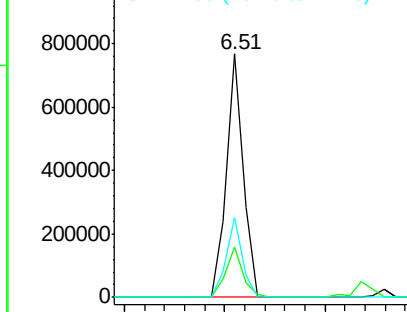
Tgt Ion:	99	Resp:	891647
Ion Ratio	Lower	Upper	
99	100		
42	20.4	15.6	23.4
71	32.6	27.5	41.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.29 ng

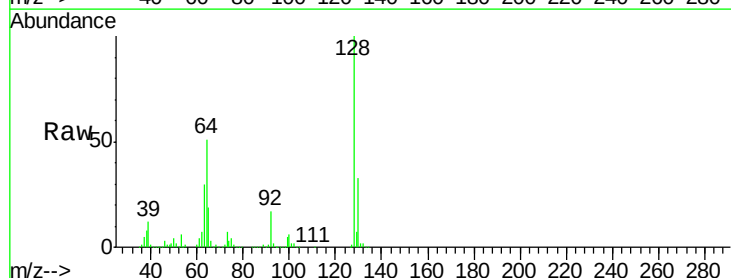
RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

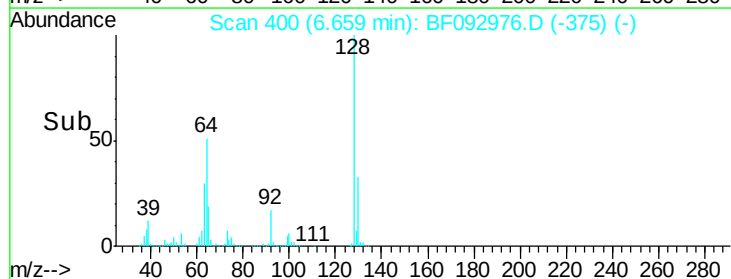
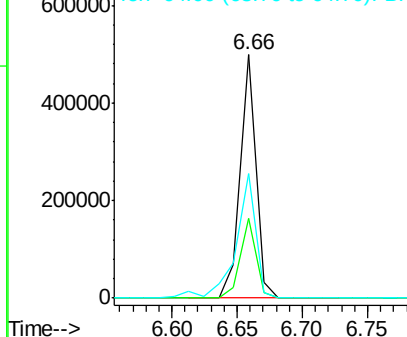
Lab File: BF092976.D

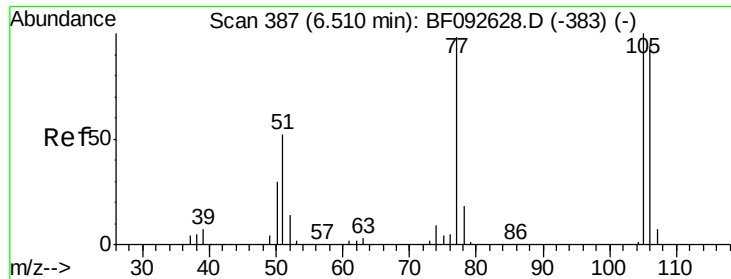
Acq: 16 Feb 2017 5:05

Tgt Ion:	128	Resp:	414136
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.3	52.3
64	51.0	32.2	72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





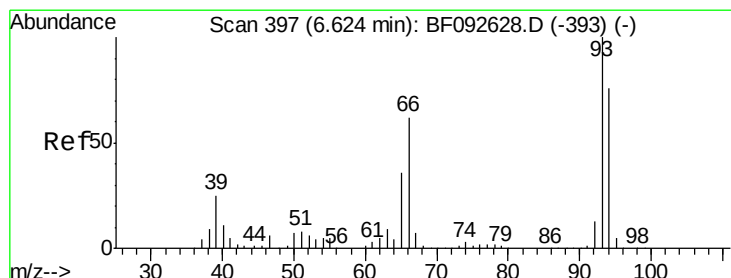
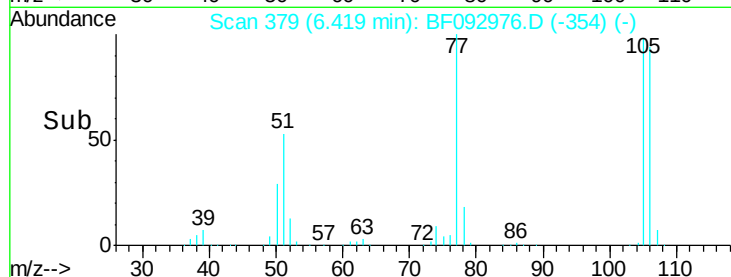
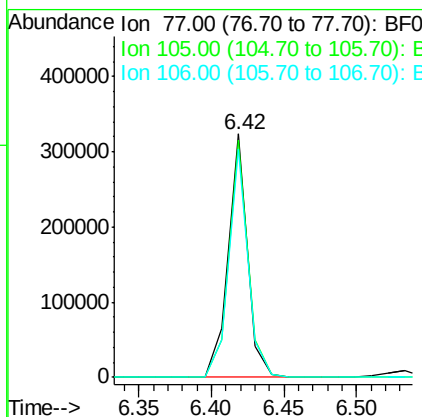
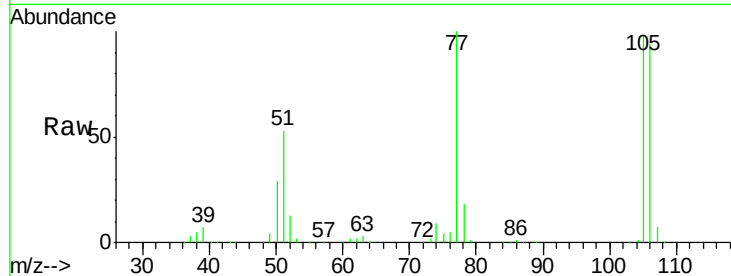
#9
Benzaldehyde
Concen: 36.59 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
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Tgt Ion: 77 Resp: 299357
Ion Ratio Lower Upper
77 100
105 97.5 83.9 123.9
106 93.6 77.6 117.6

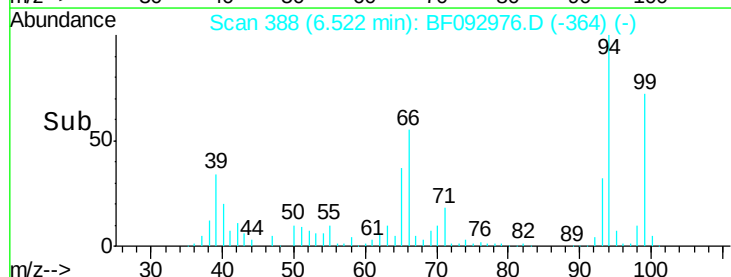
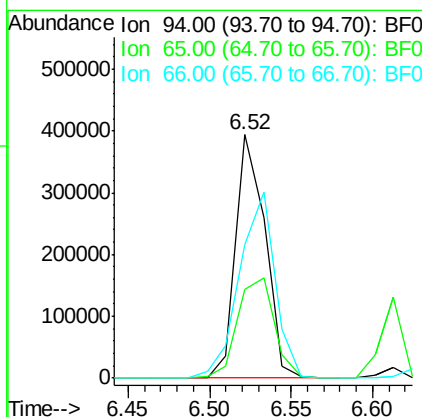
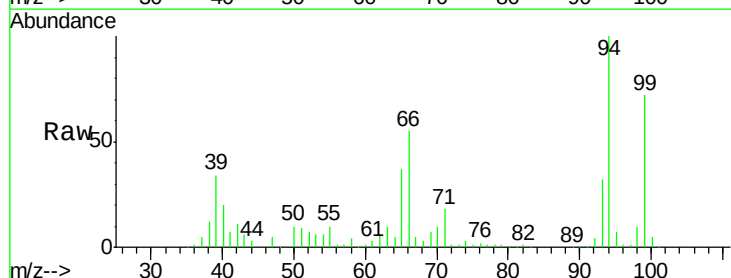
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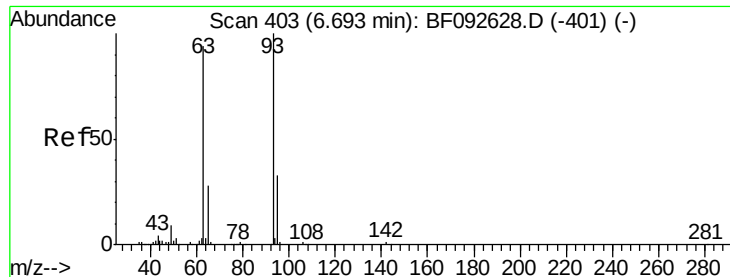
mohammad
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#10
Phenol
Concen: 36.61 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion: 94 Resp: 489145
Ion Ratio Lower Upper
94 100
65 36.7 21.4 61.4
66 54.7 44.0 84.0





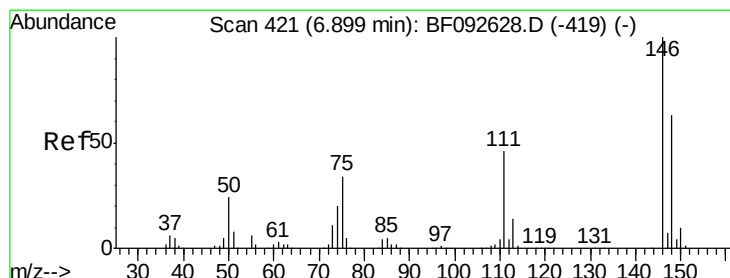
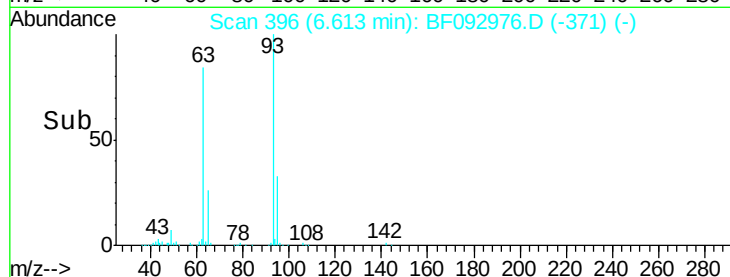
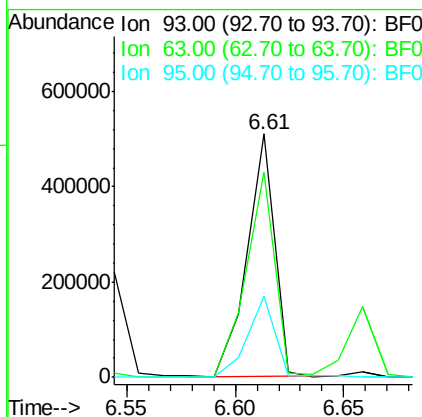
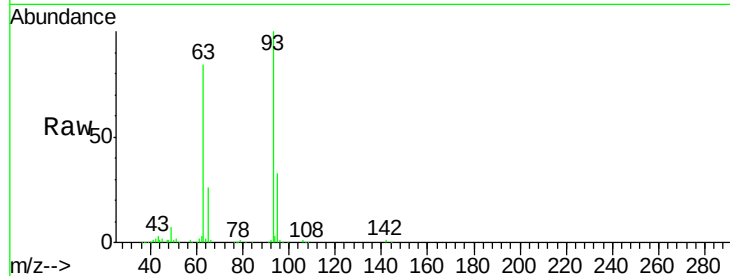
#11
bis(2-Chloroethyl)ether
Concen: 41.74 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.1	60.4	100.4
95	33.3	12.8	52.8

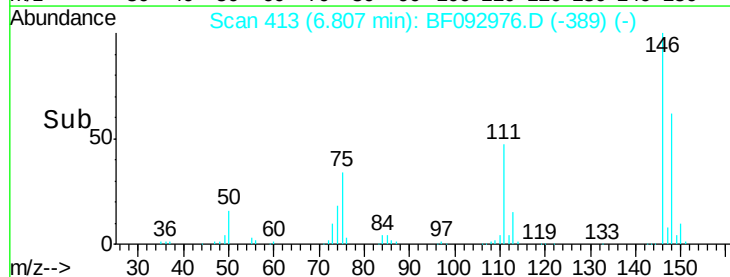
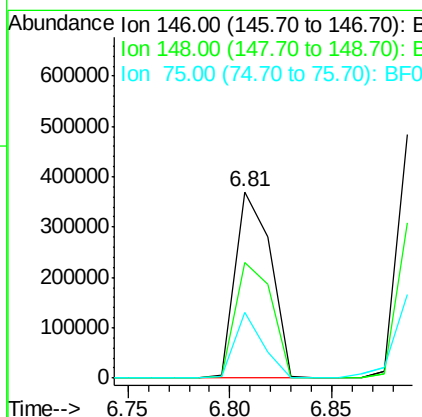
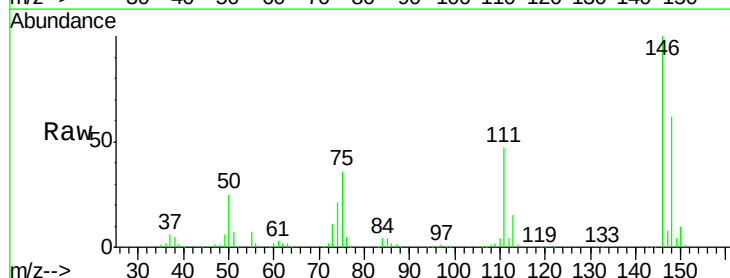
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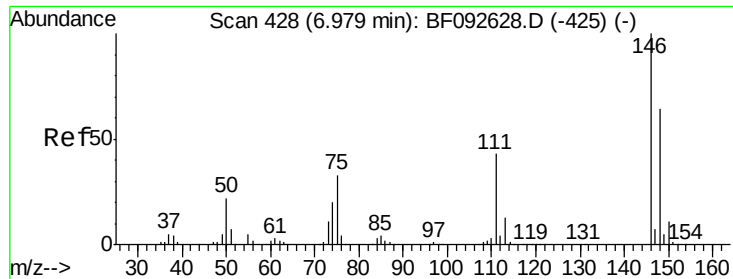
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.45 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	53.4	80.0
75	35.6	18.5	27.7#





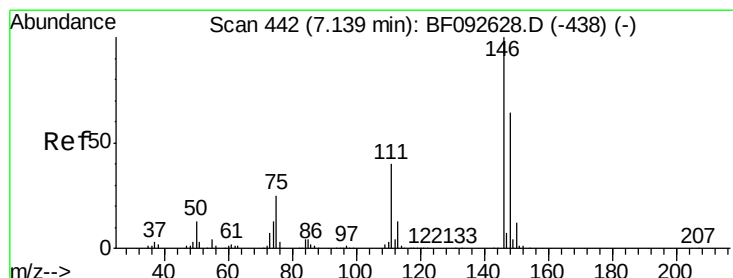
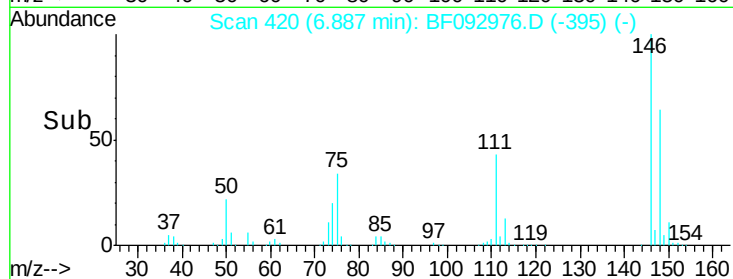
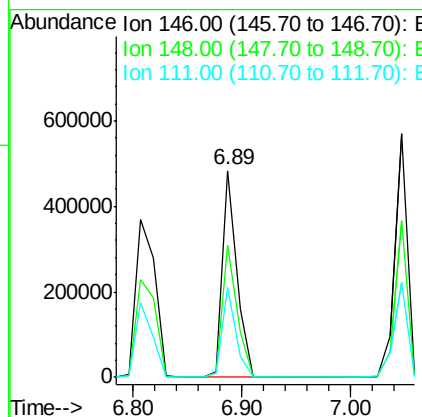
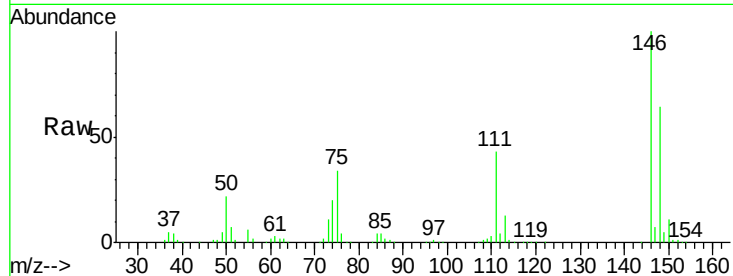
#13
 1,4-Dichlorobenzene
 Concen: 39.19 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
111	43.3	36.2	54.4

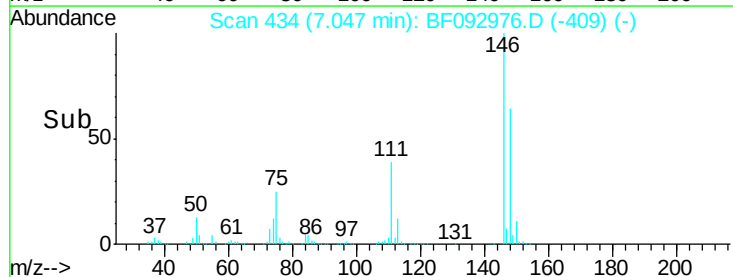
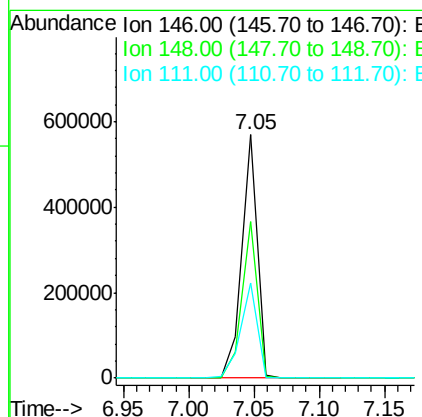
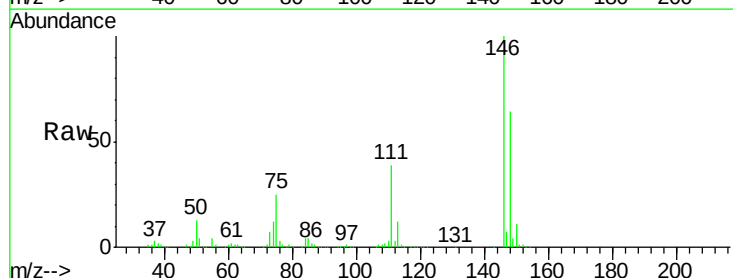
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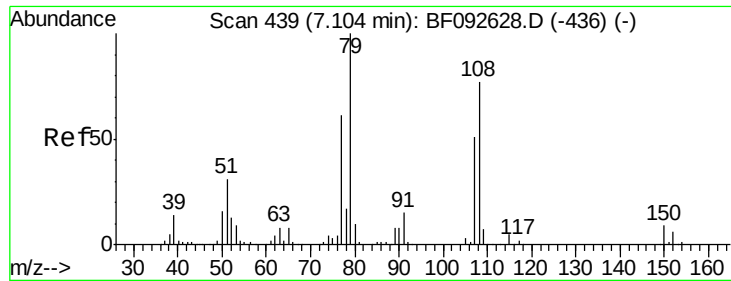
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.85 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	38.9	36.2	54.2





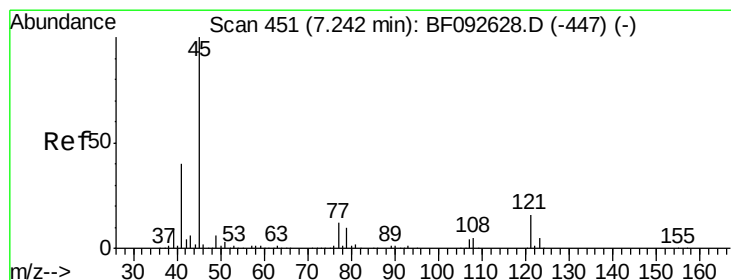
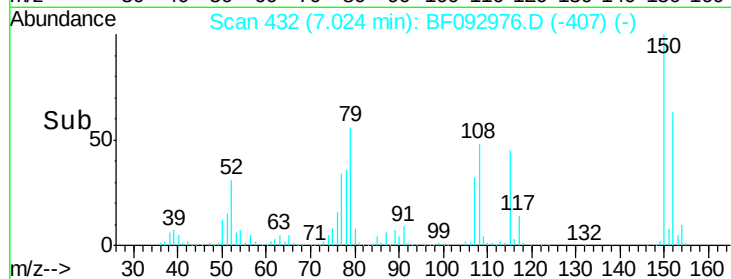
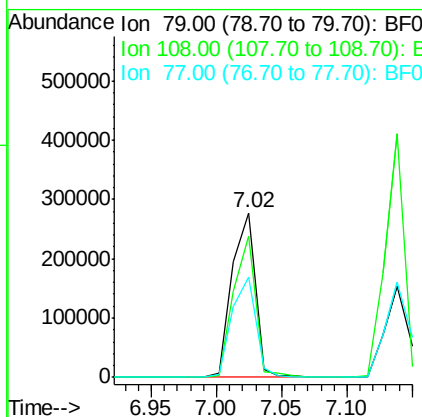
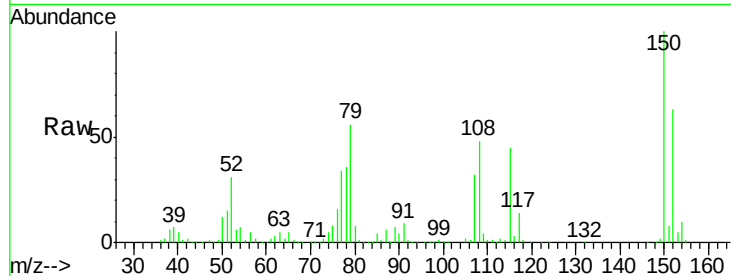
#15
Benzyl Alcohol
Concen: 40.72 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
108	85.7	61.4	92.0
77	61.2	50.9	76.3

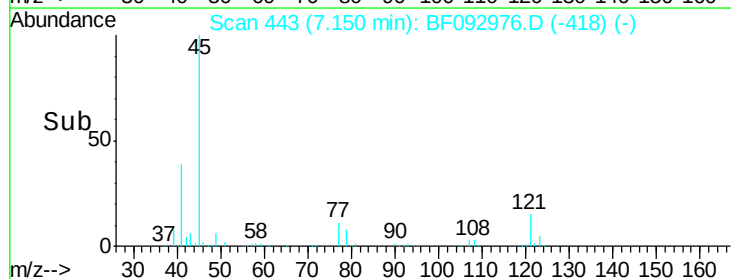
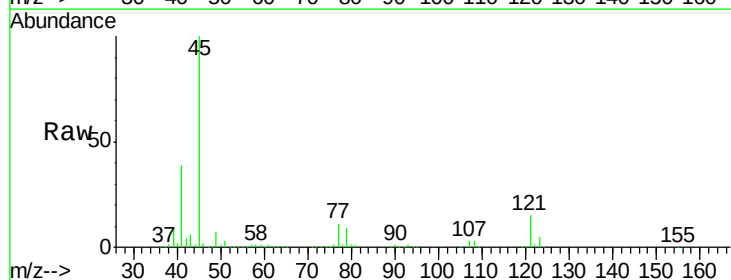
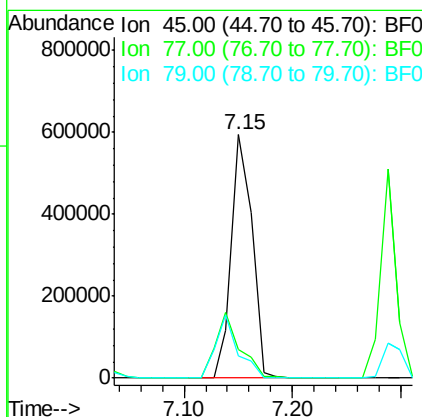
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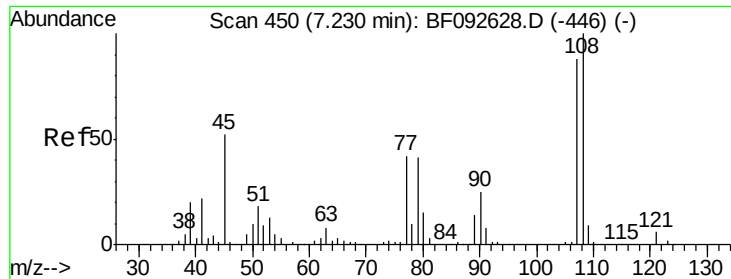
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.10 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	34.6
79	8.9	0.0	31.2





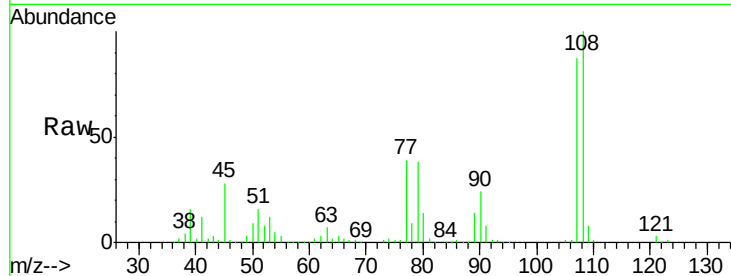
#17
2-Methylphenol
Concen: 43.76 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	367604		
108	114.3	93.0	139.6	
77	44.7	39.8	59.8	
79	43.1	38.0	57.0	

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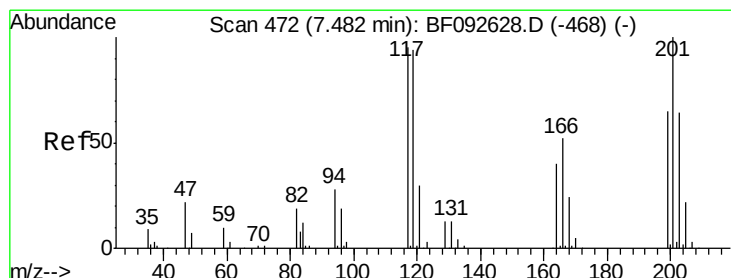
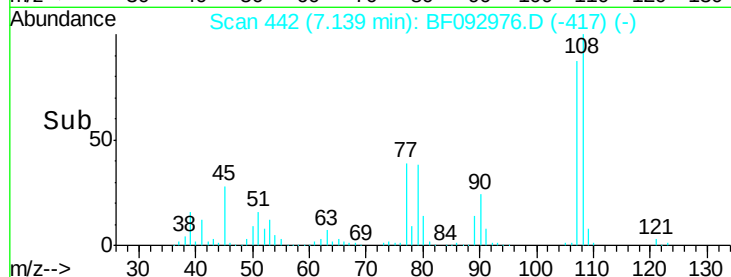
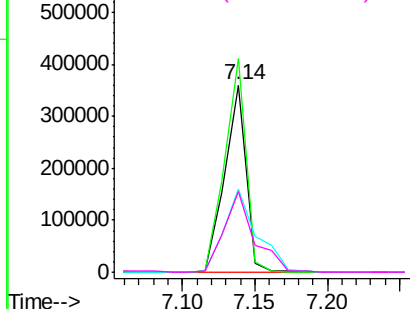
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

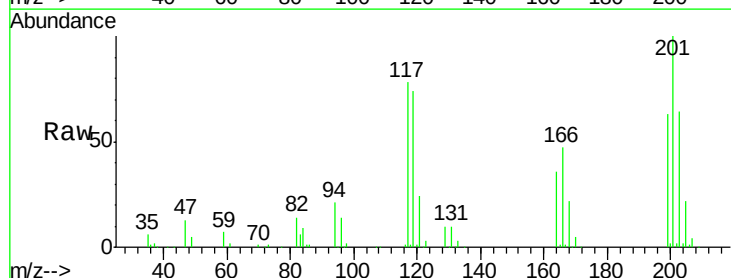
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.21 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	151400		
119	94.8	78.1	117.1	
201	128.5	78.6	117.8#	

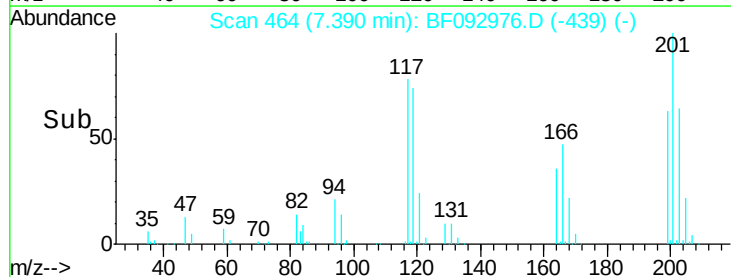
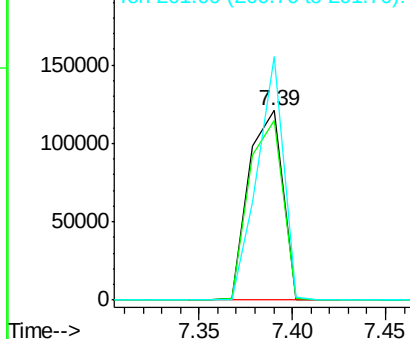


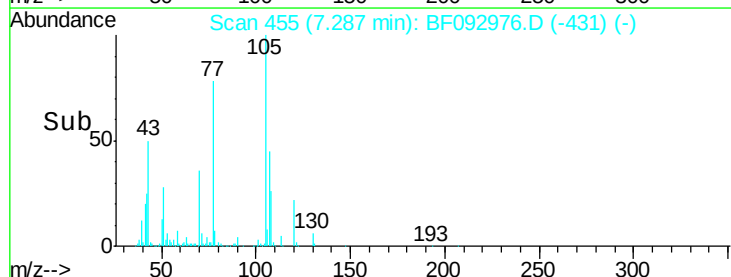
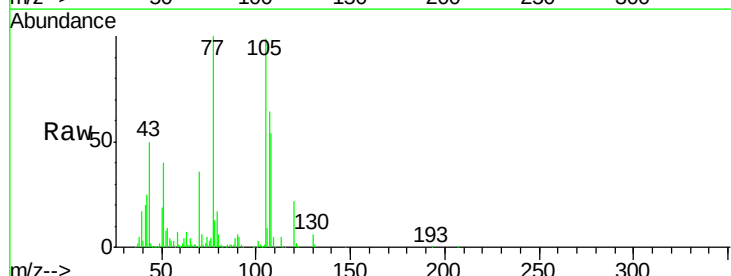
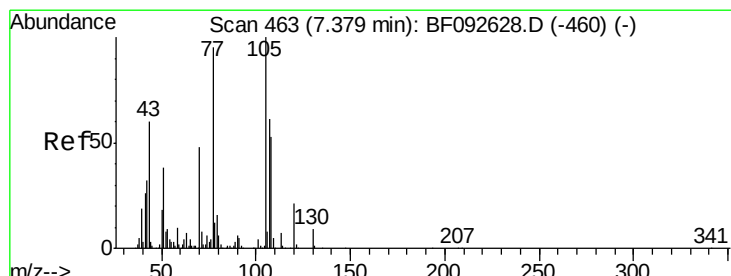
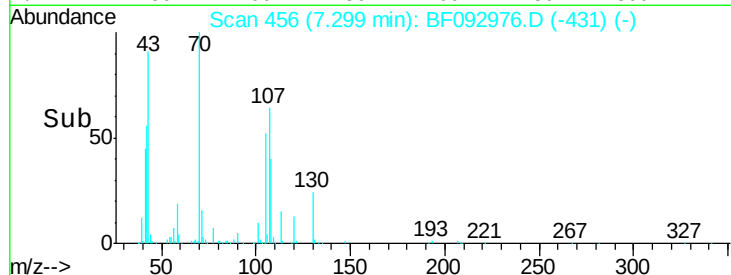
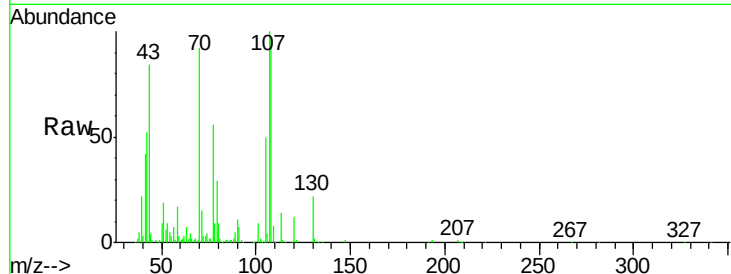
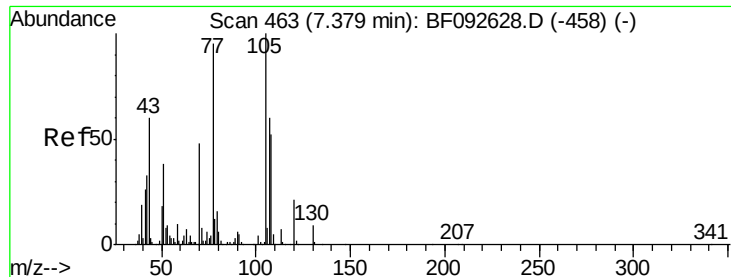
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

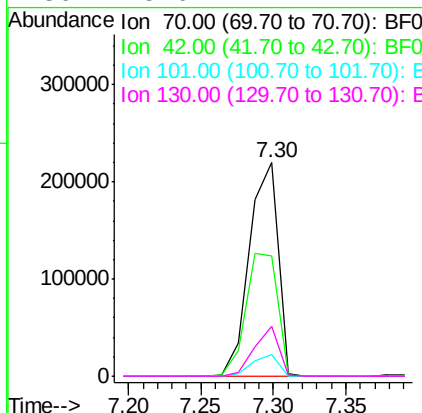
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.47 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	301489		
42	56.4	49.4	74.0	
101	10.1	7.4	11.2	
130	23.6	14.2	21.4	



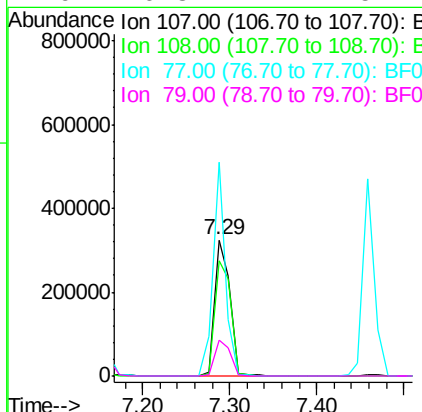
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

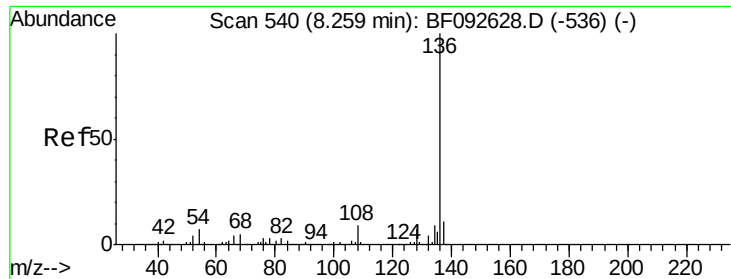
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#20
3+4-Methylphenols
Concen: 40.16 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	403318		
108	84.7	73.0	113.0	
77	157.1	71.3	111.3	
79	26.8	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

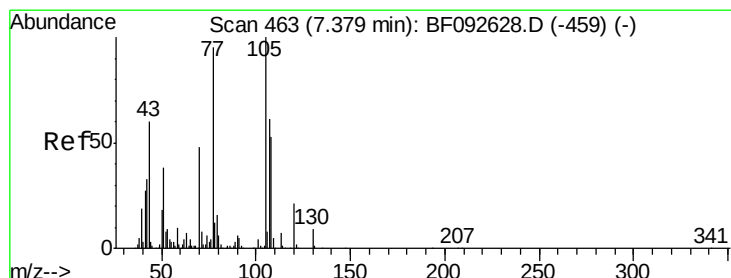
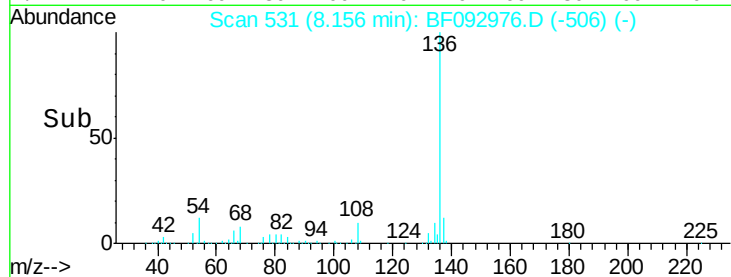
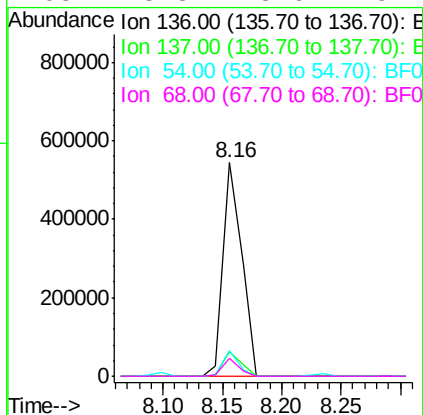
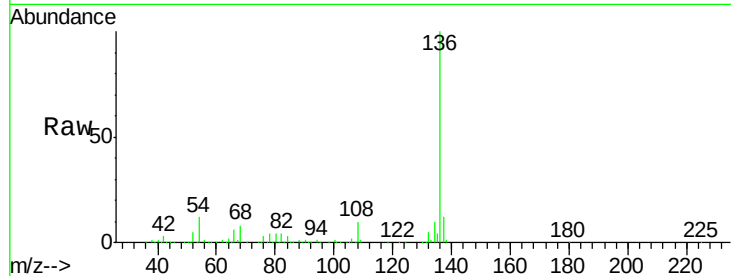
ClientSampleId :

SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		587489		
137	11.6	8.4	12.6		
54	11.9	4.5	6.7#		
68	8.3	3.6	5.4#		

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#22

Acetophenone

Concen: 37.65 ng

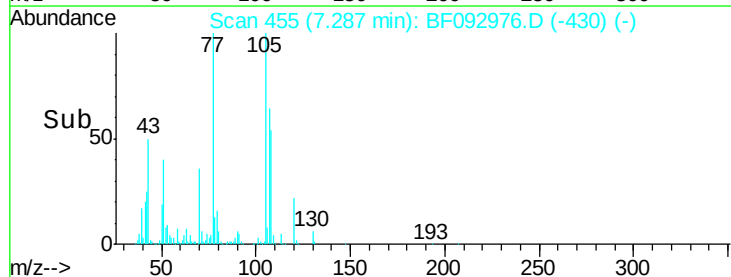
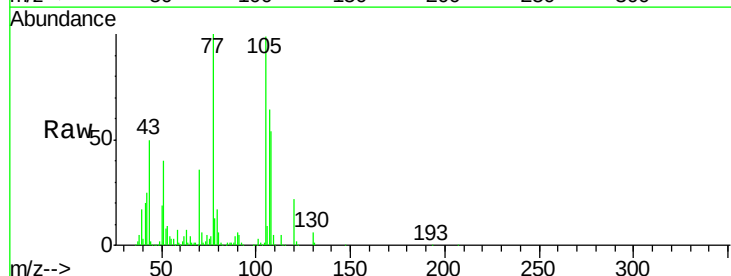
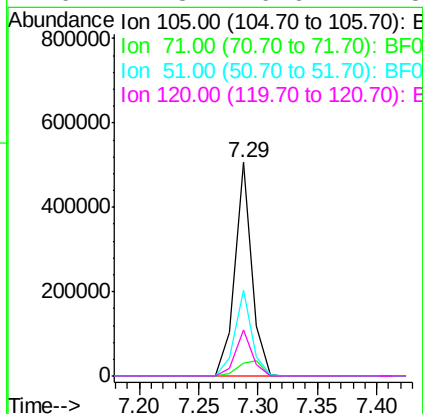
RT: 7.29 min Scan# 455

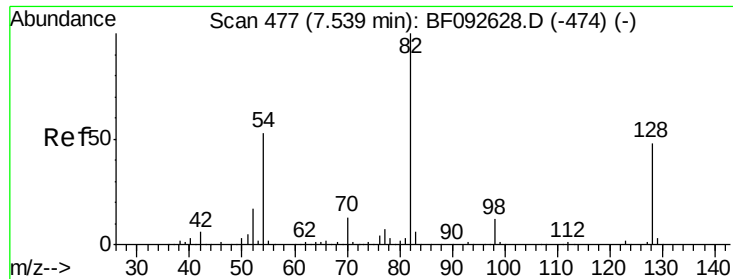
Delta R.T. -0.01 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		505036		
71	6.2	3.2	4.8#		
51	40.3	26.2	39.4#		
120	21.8	16.6	24.8		





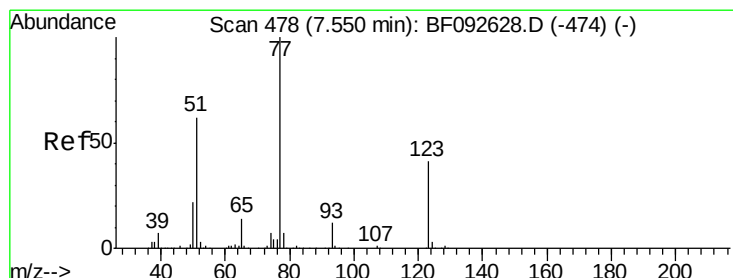
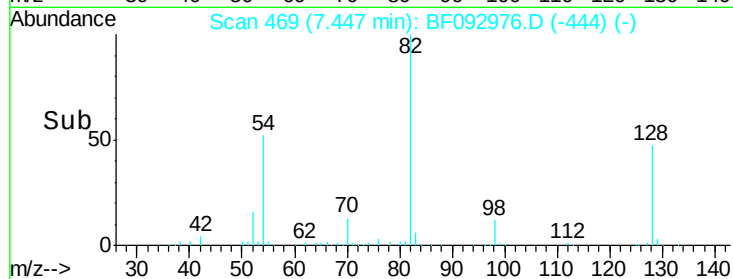
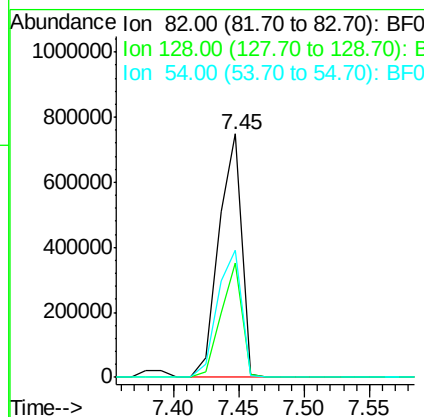
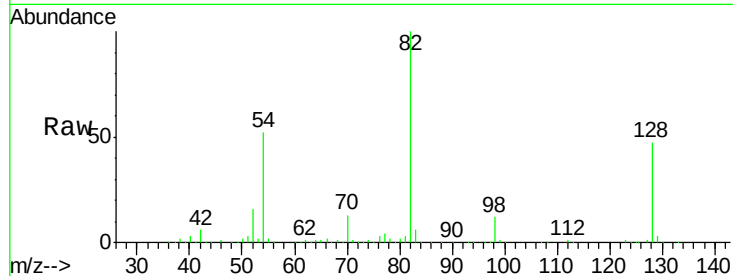
#23
 Nitrobenzene-d5
 Concen: 86.26 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.6	52.0
54	52.4	39.5	59.3

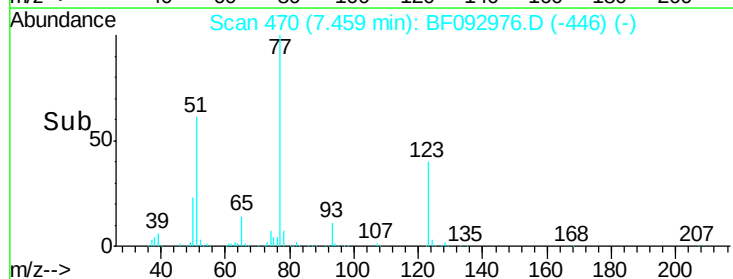
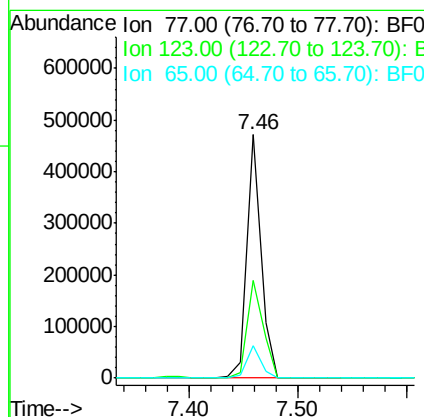
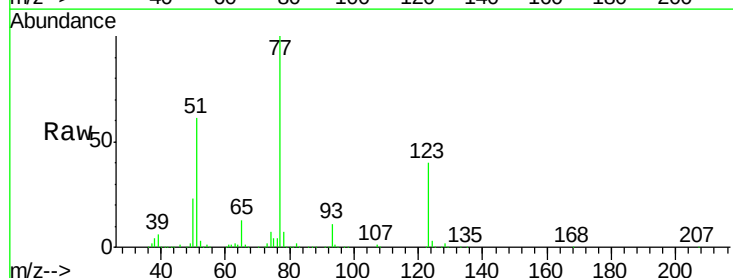
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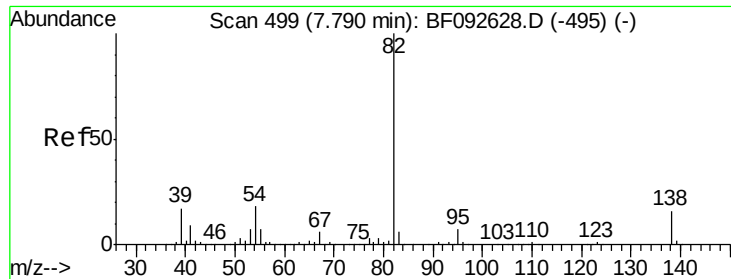
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#24
 Nitrobenzene
 Concen: 39.14 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 41.35 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

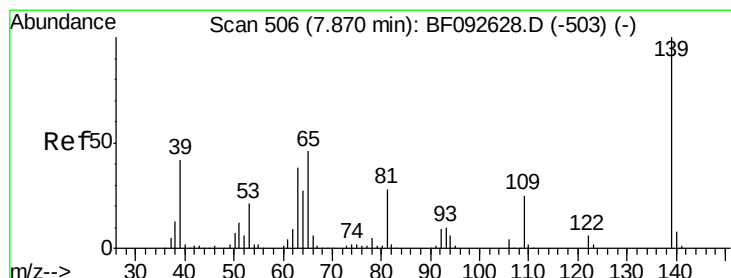
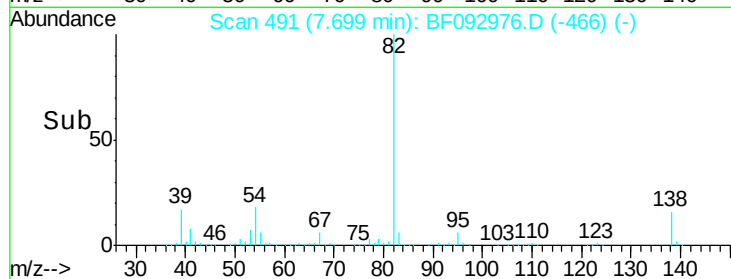
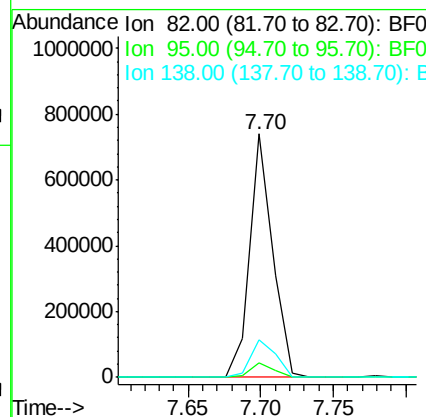
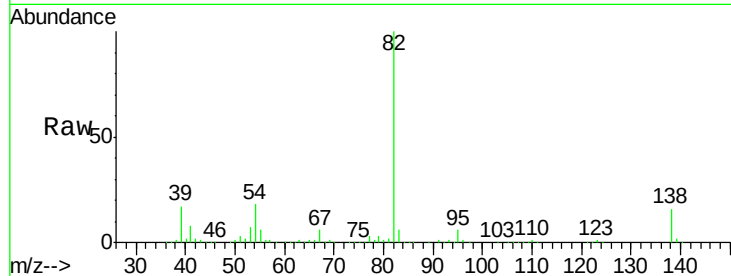
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	812865
Ion Ratio		Lower	Upper
82	100		
95	6.1	5.6	8.4
138	15.6	14.6	22.0

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#26

2-Nitrophenol

Concen: 44.56 ng

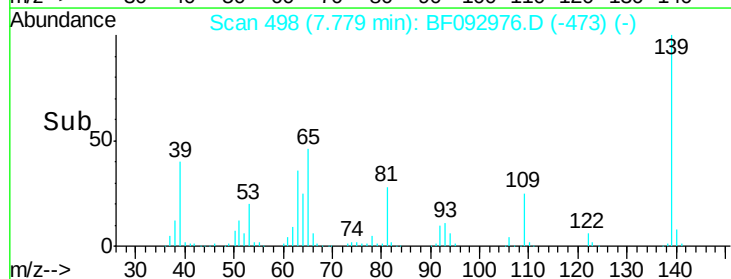
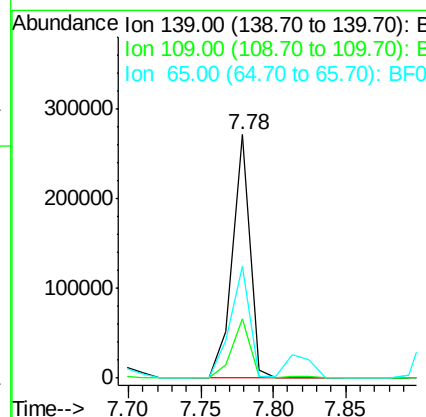
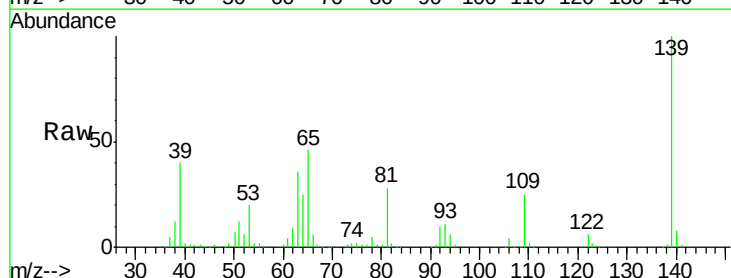
RT: 7.78 min Scan# 498

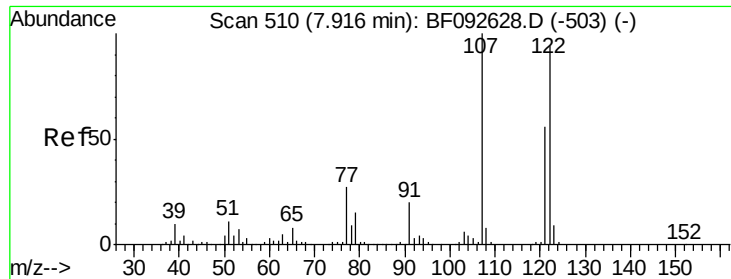
Delta R.T. -0.01 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Tgt Ion:	139	Resp:	229445
Ion Ratio		Lower	Upper
139	100		
109	24.6	23.3	34.9
65	46.1	42.7	64.1





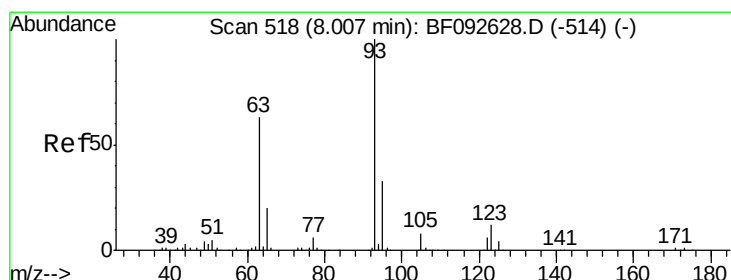
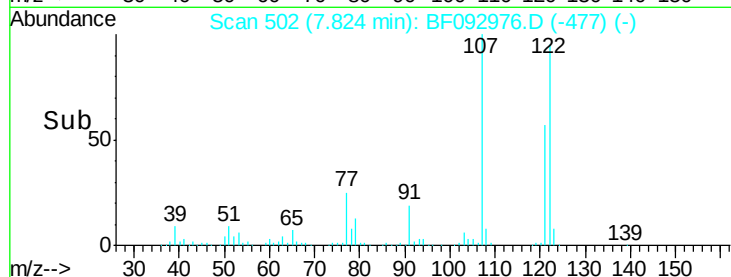
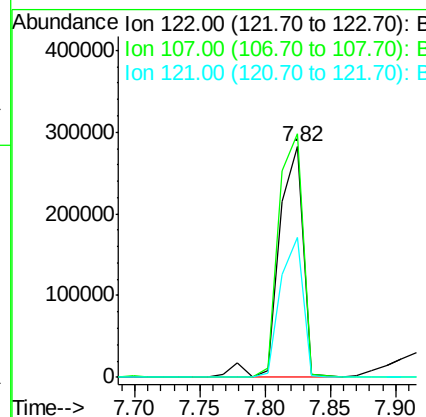
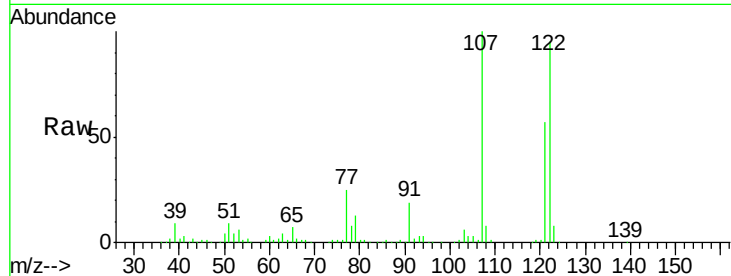
#27
2,4-Dimethylphenol
Concen: 40.50 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	366235		
107	105.7	94.1	141.1	
121	60.5	46.0	69.0	

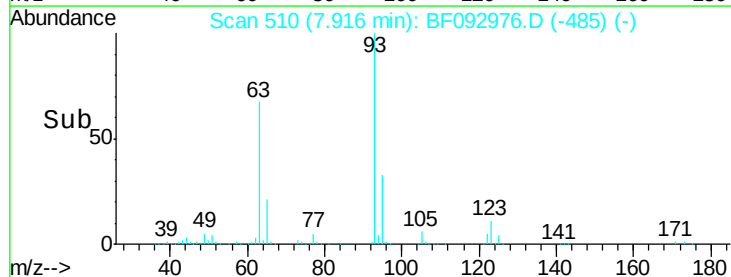
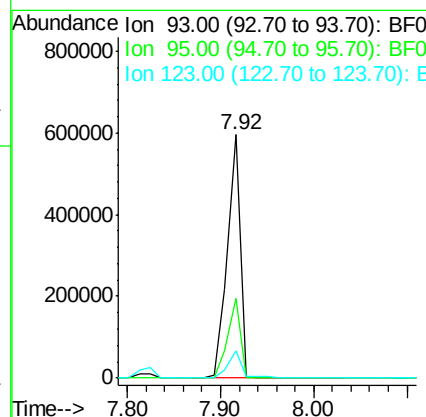
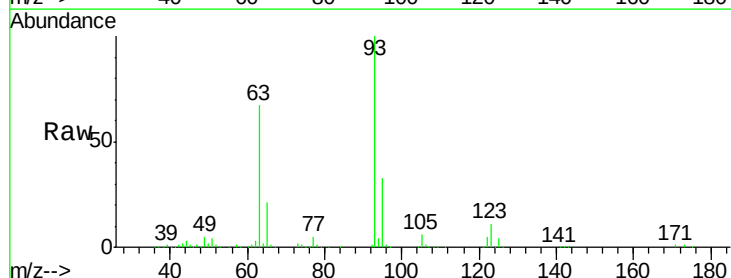
Manual Integrations
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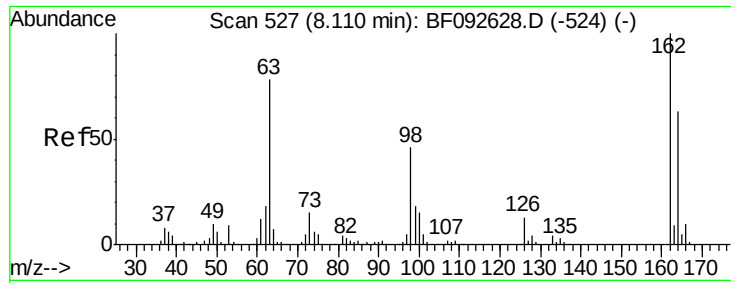
mohammad
2/16/2017 11:39:15 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.72 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	569233		
95	32.9	26.5	39.7	
123	11.3	8.6	13.0	





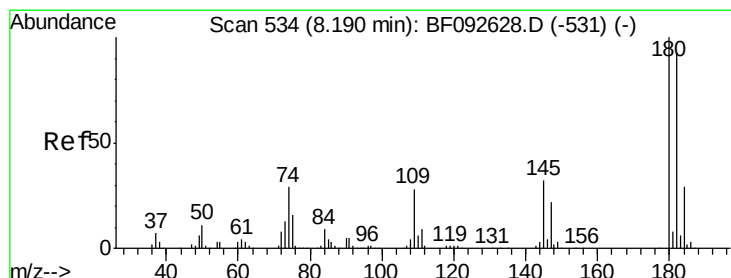
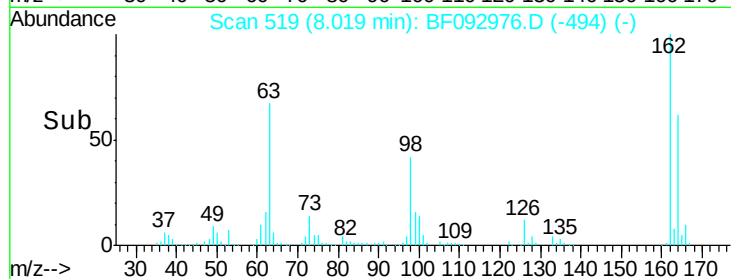
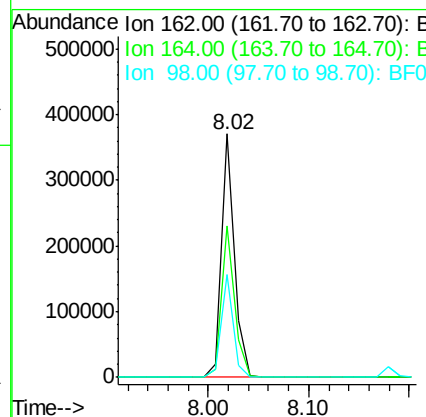
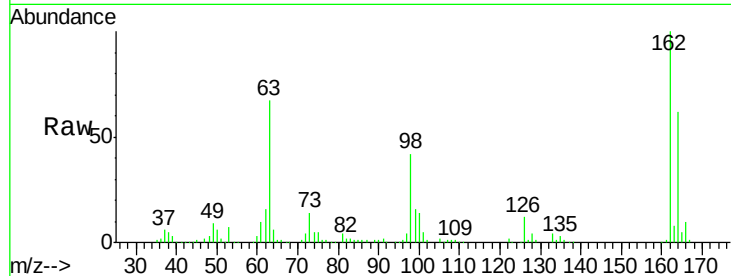
#29
2,4-Dichlorophenol
Concen: 39.37 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.3	46.8	86.8
98	42.3	9.1	49.1

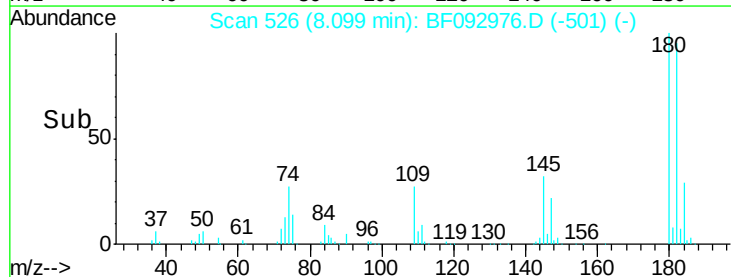
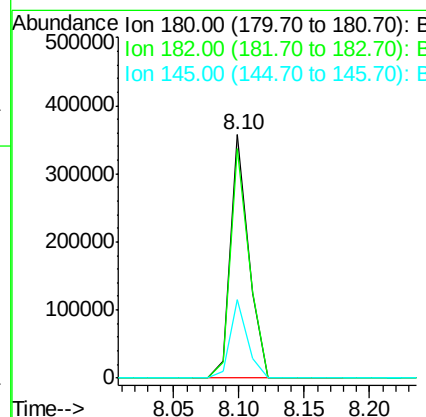
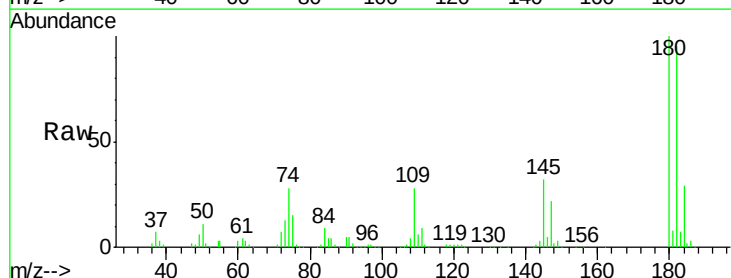
Manual Integrations
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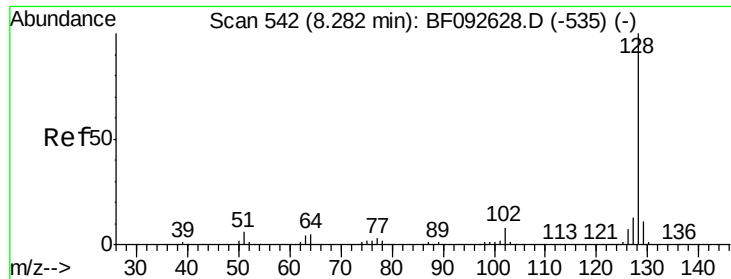
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.41 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	78.2	117.4
145	32.3	21.6	32.4





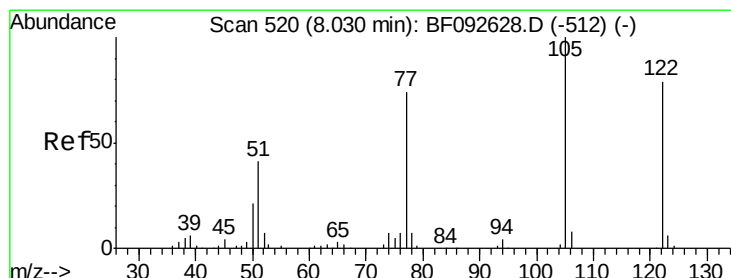
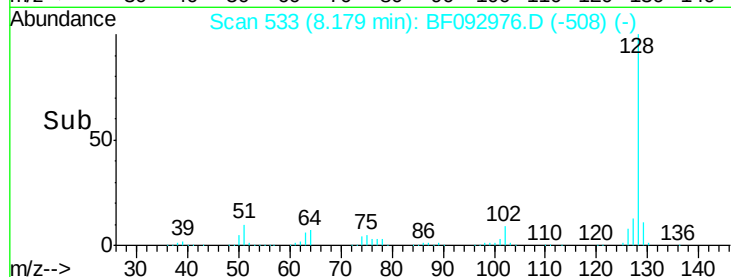
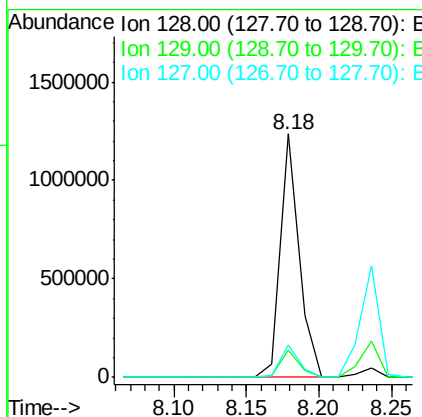
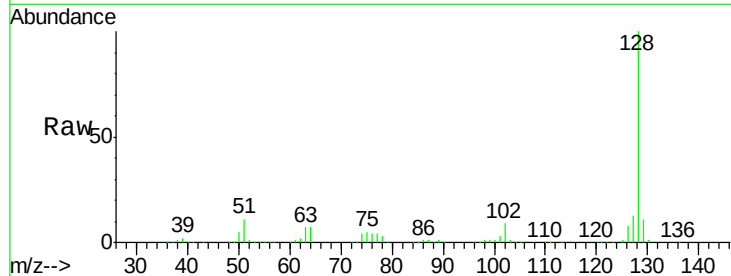
#31
Naphthalene
Concen: 37.47 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1116009
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.4 10.8 16.2

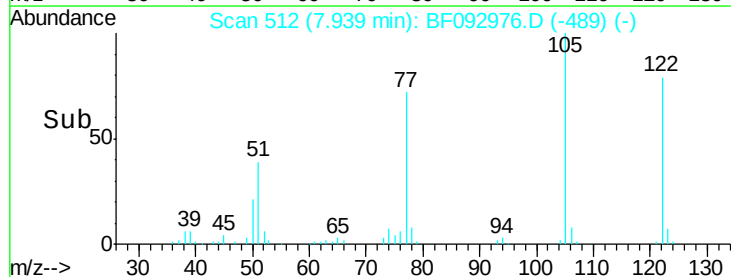
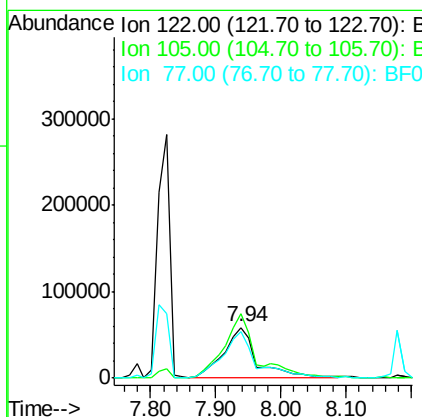
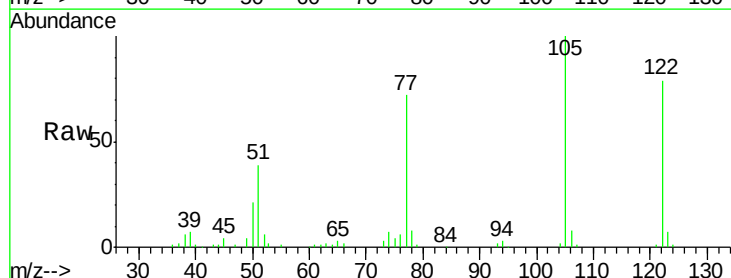
Manual Integrations
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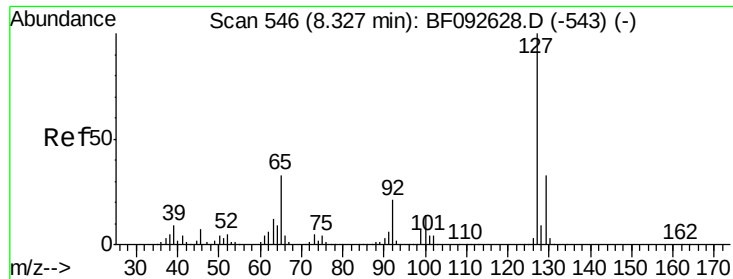
mohammad
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#32
Benzoic acid
Concen: 40.63 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion:122 Resp: 201545
Ion Ratio Lower Upper
122 100
105 126.6 107.2 147.2
77 91.4 74.5 114.5





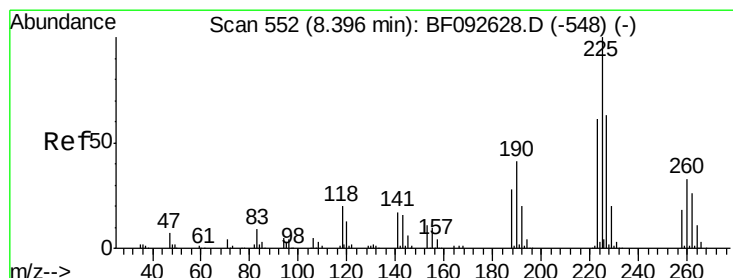
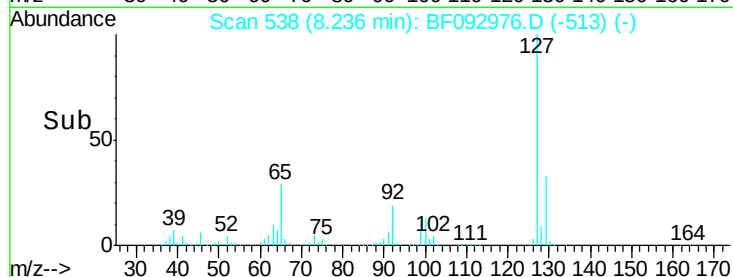
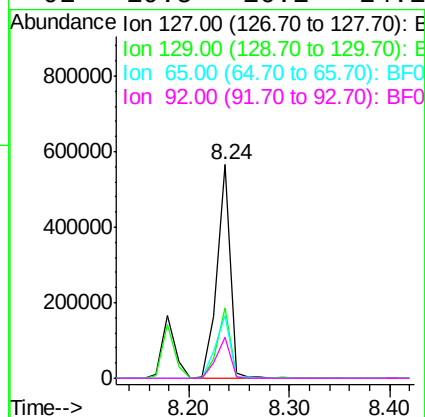
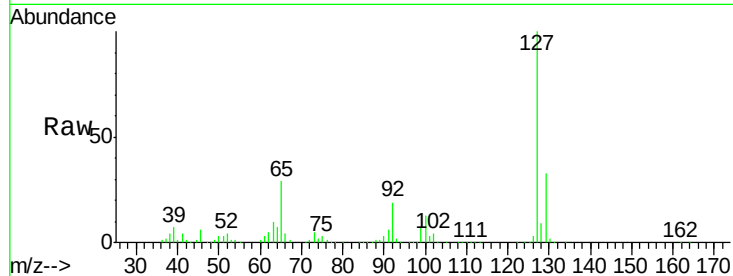
#33
4-Chloroaniline
Concen: 44.33 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.1	26.3	39.5
65	29.2	25.8	38.8
92	19.5	16.1	24.1

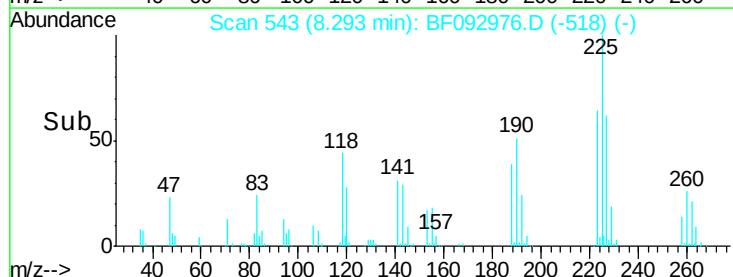
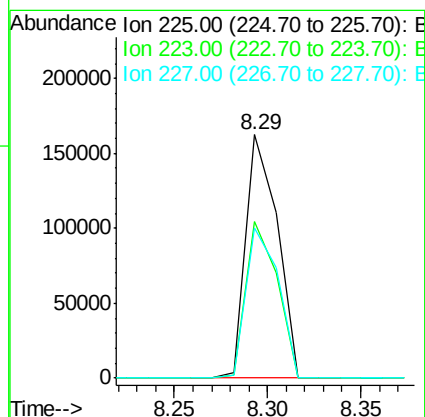
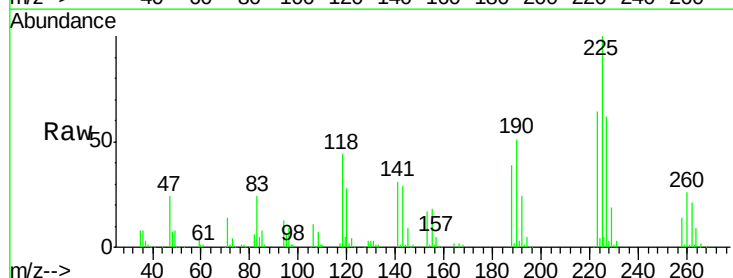
Manual Integrations
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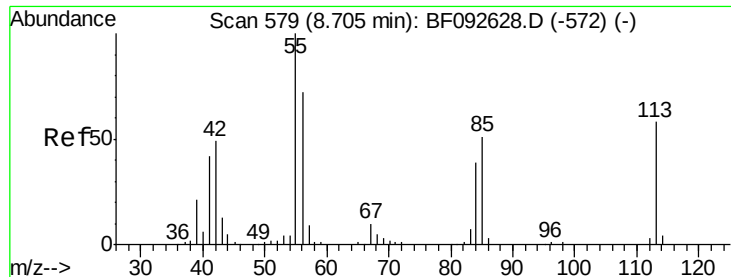
mohammad
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#34
Hexachlorobutadiene
Concen: 38.07 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.2	51.0	76.6
227	61.7	50.6	76.0





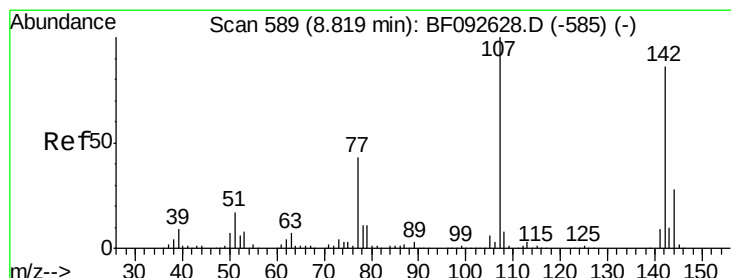
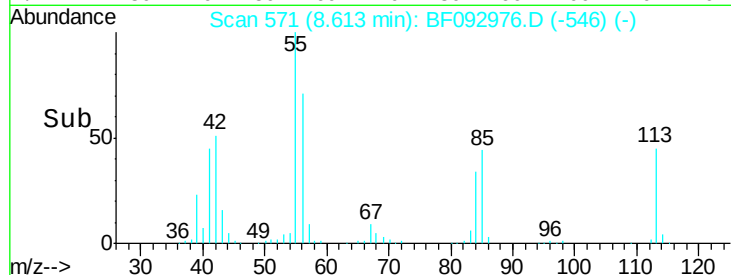
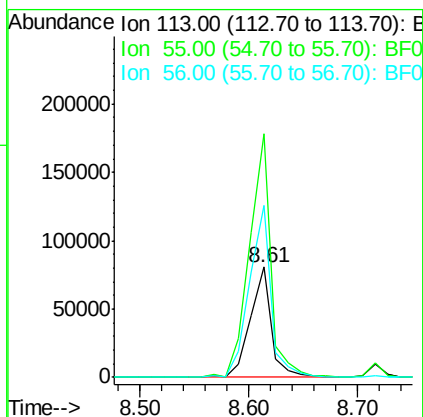
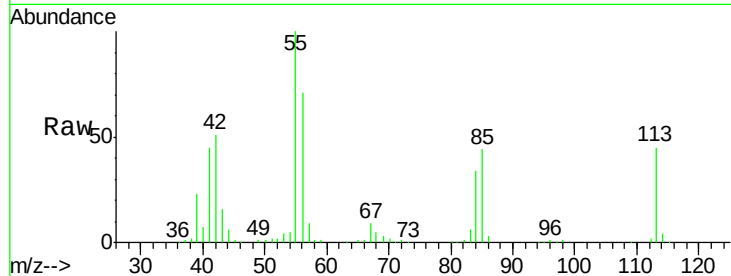
#35
 Caprolactam
 Concen: 40.78 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 108196
 Ion Ratio Lower Upper
 113 100
 55 221.0 119.2 159.2#
 56 156.0 83.8 123.8#

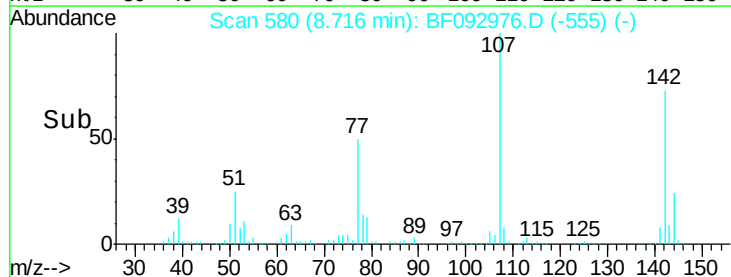
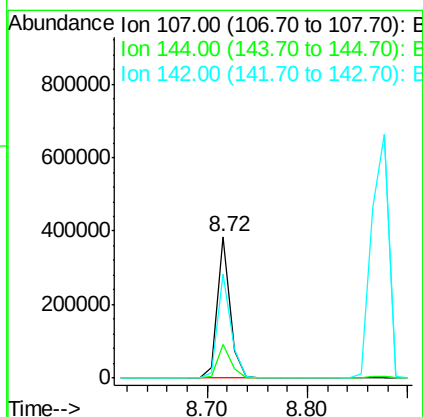
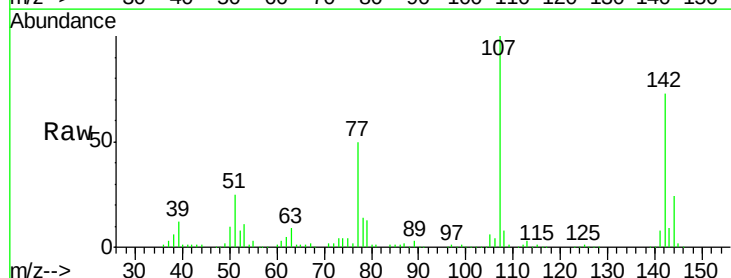
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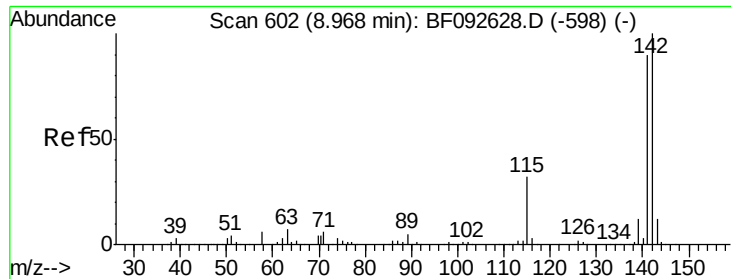
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.58 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion:107 Resp: 339285
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 73.4 59.0 88.6





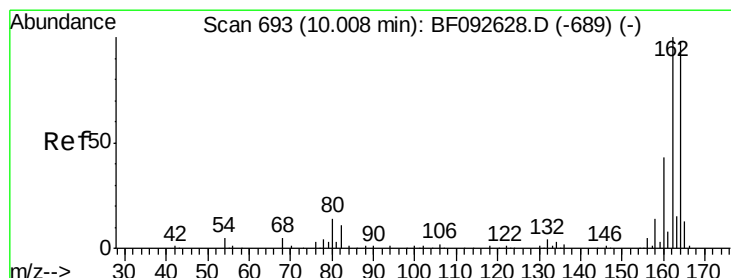
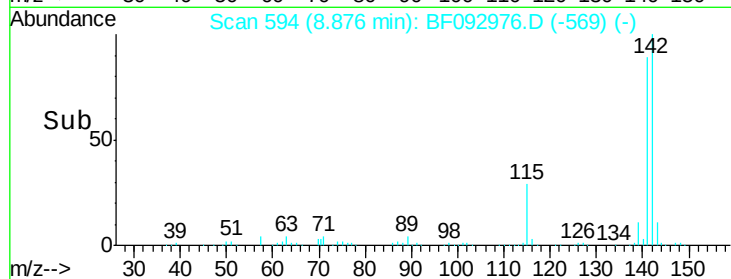
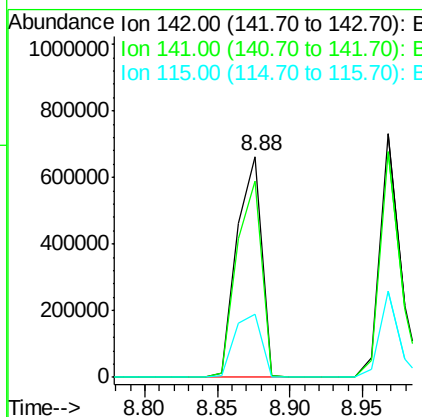
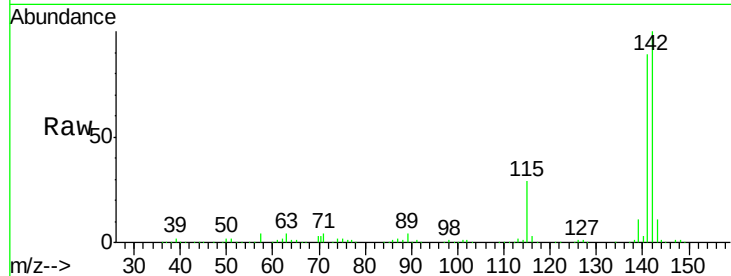
#37
2-Methylnaphthalene
Concen: 41.16 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	28.9	28.3	42.5

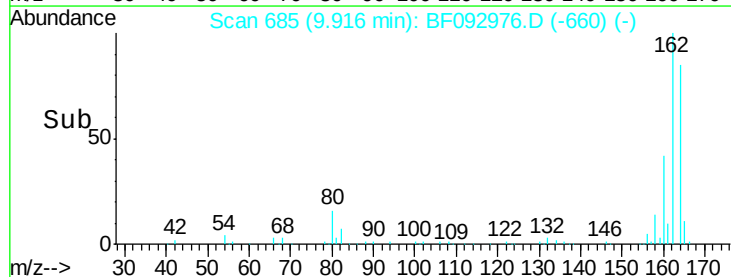
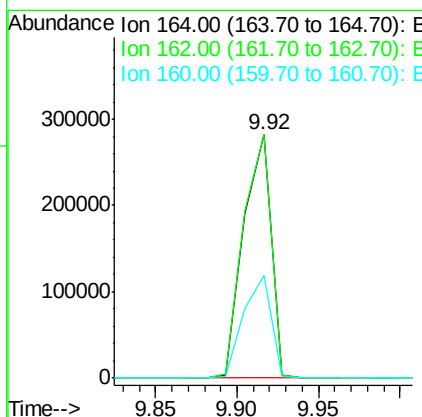
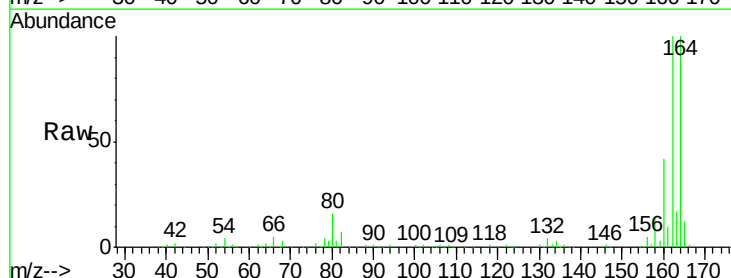
Manual Integrations
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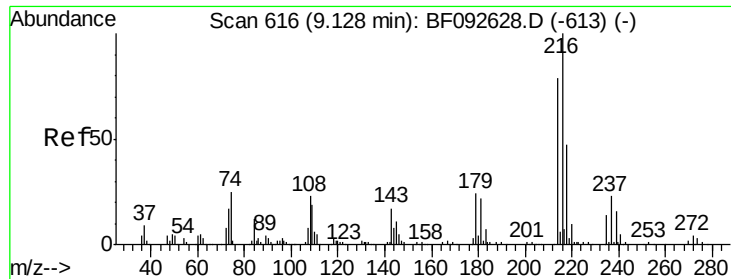
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	42.1	36.9	55.3





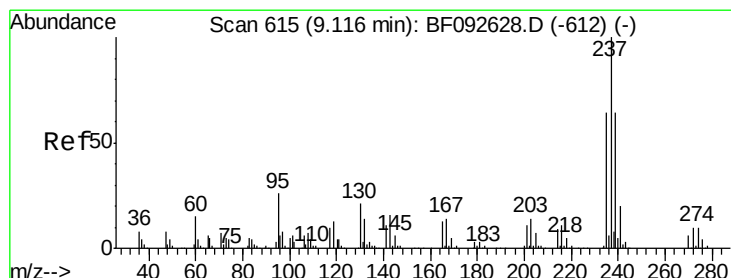
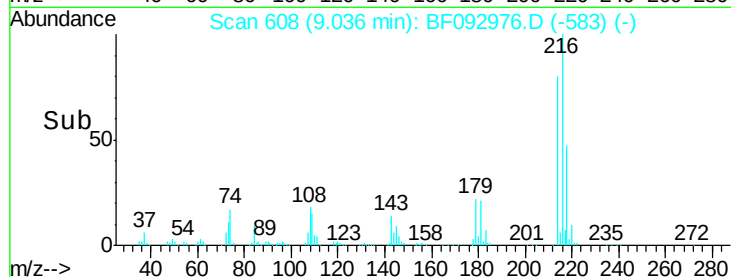
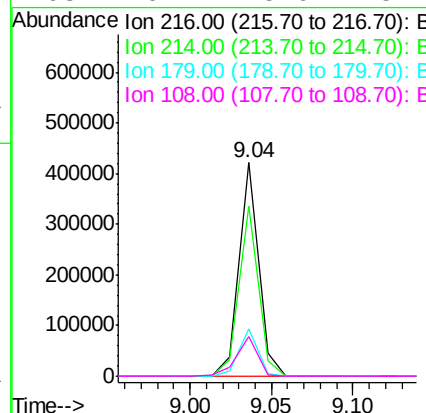
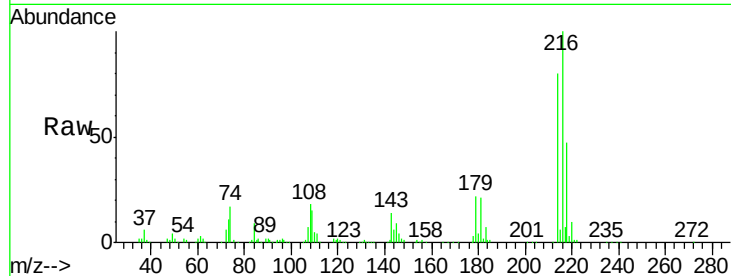
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.48 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	346971		
214	79.4	63.4	95.0	
179	21.8	17.4	26.2	
108	19.4	15.6	23.4	

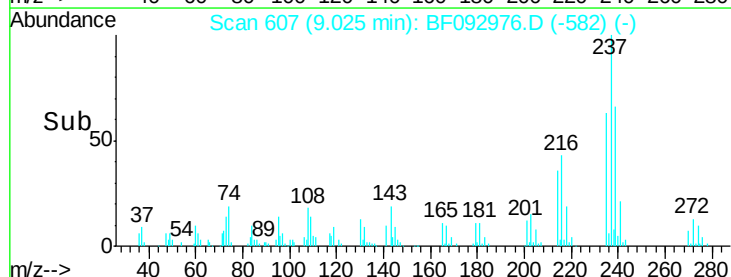
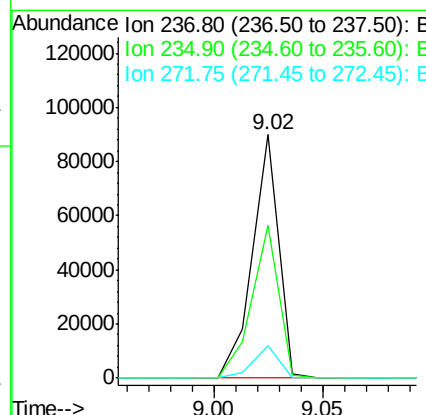
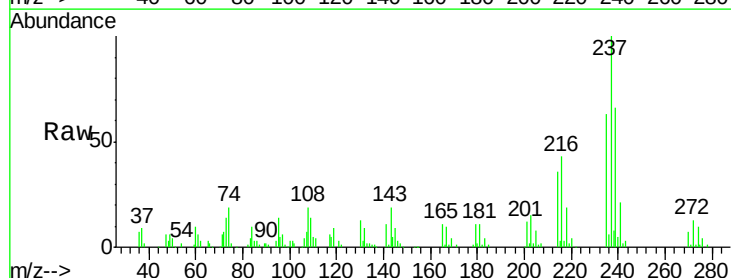
Manual Integrations
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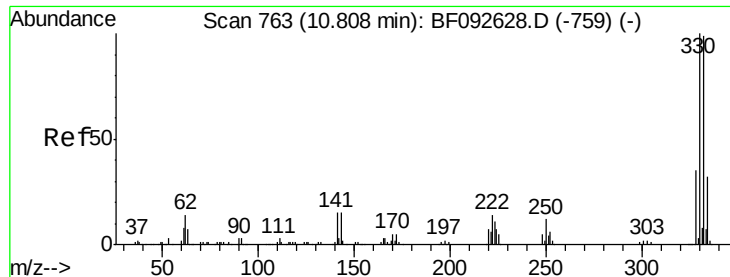
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 18.02 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	75246		
235	62.9	41.2	81.2	
272	13.3	0.0	35.4	





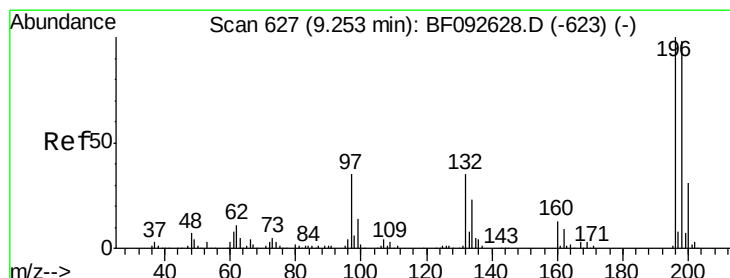
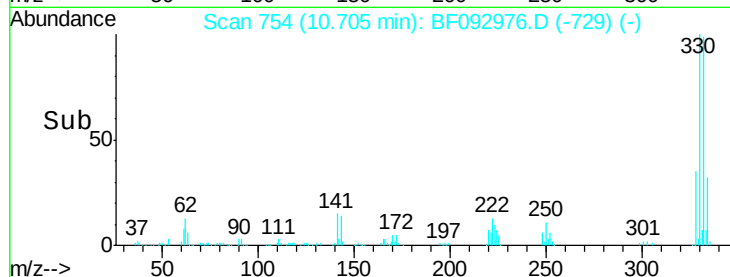
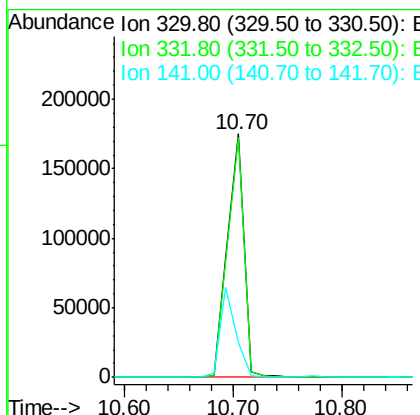
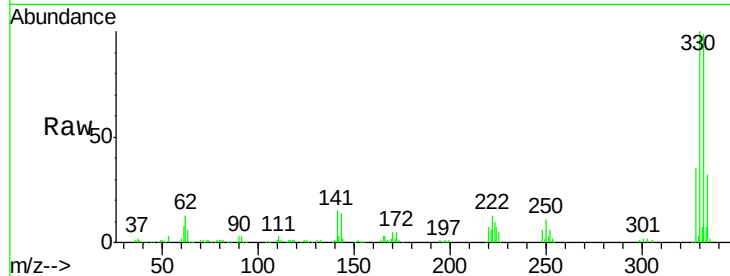
#41
 2,4,6-Tribromophenol
 Concen: 77.39 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	184582		
332	97.9	77.4	116.2	
141	35.3	34.1	51.1	

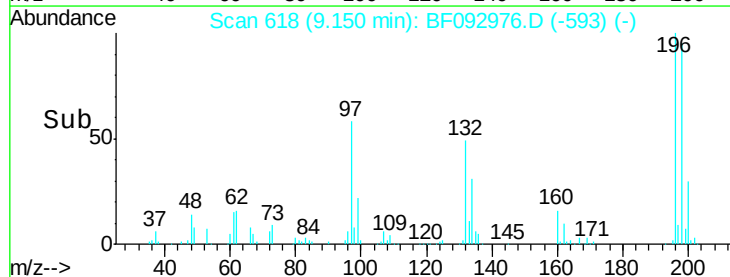
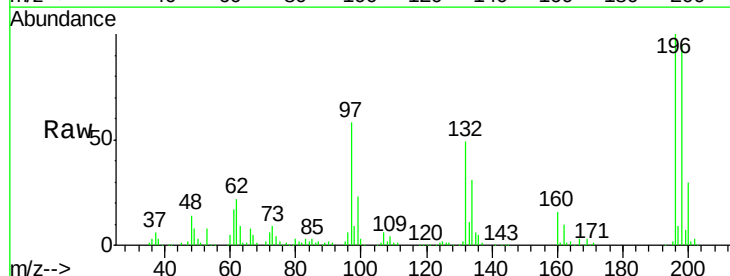
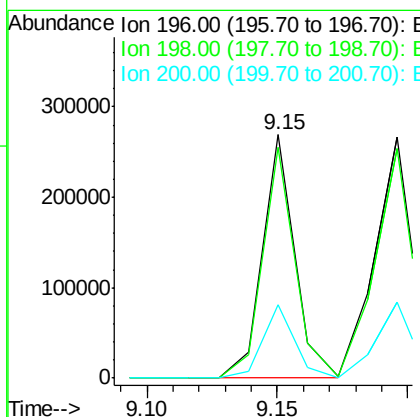
Manual Integrations
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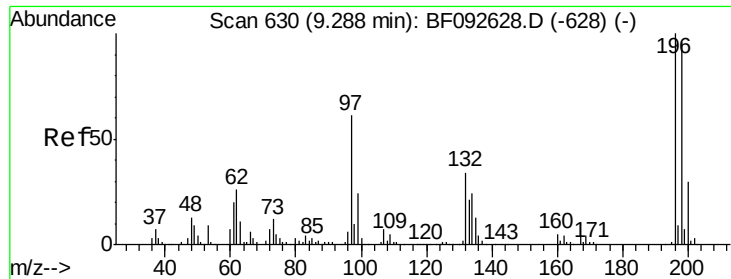
mohammad
 2/16/2017 11:39:15 AM



#42
 2,4,6-Trichlorophenol
 Concen: 38.18 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232255		
198	94.7	82.1	123.1	
200	30.1	27.0	40.4	





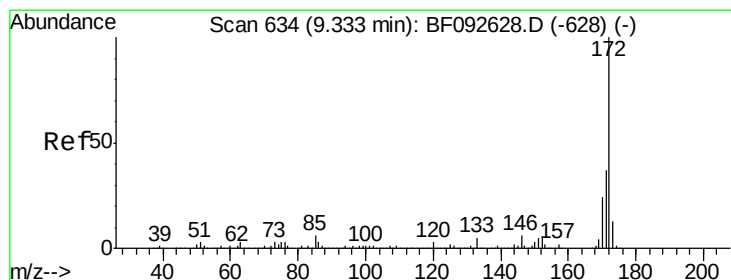
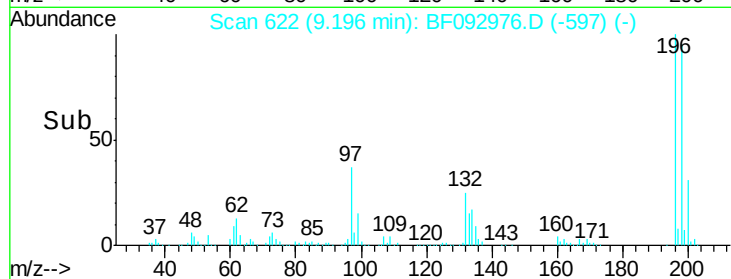
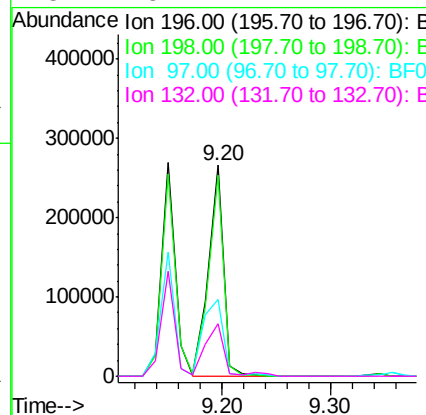
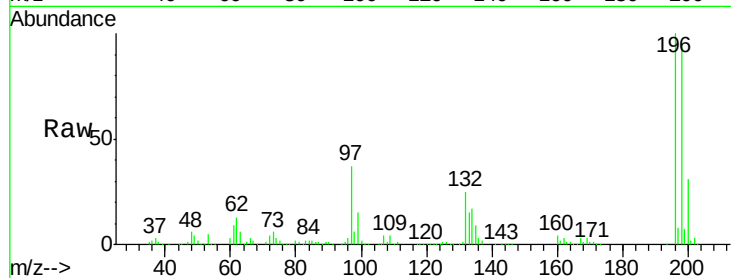
#43
 2,4,5-Trichlorophenol
 Concen: 39.13 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260773		
198	95.3	79.4	119.2	
97	36.6	51.5	77.3#	
132	25.1	27.4	41.2#	

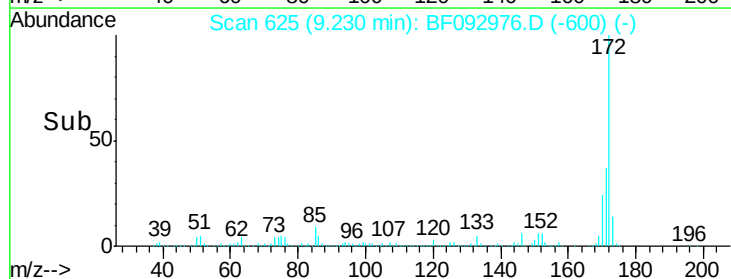
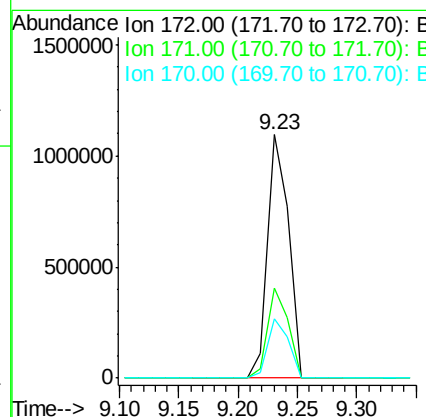
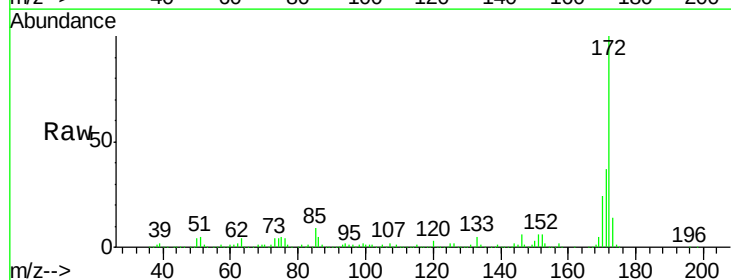
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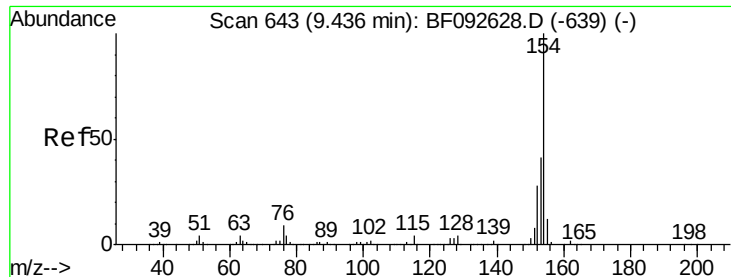
mohammad
 2/16/2017 11:39:15 AM



#44
 2-Fluorobiphenyl
 Concen: 74.96 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1364446		
171	36.8	29.4	44.0	
170	24.3	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 36.81 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

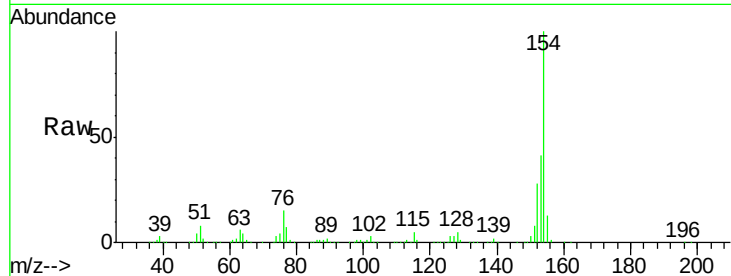
ClientSampleId :

SSTDCCC040

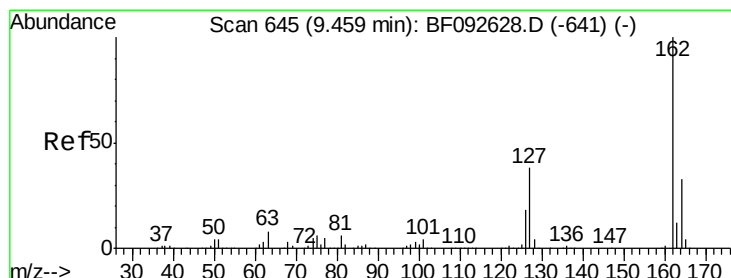
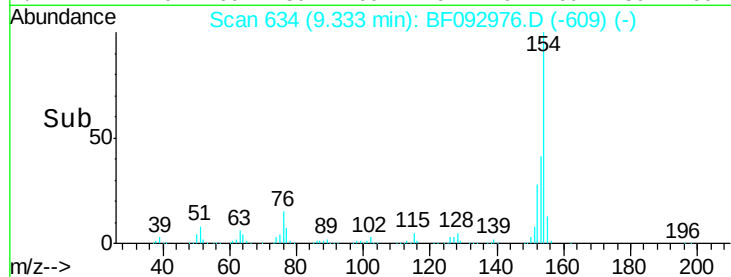
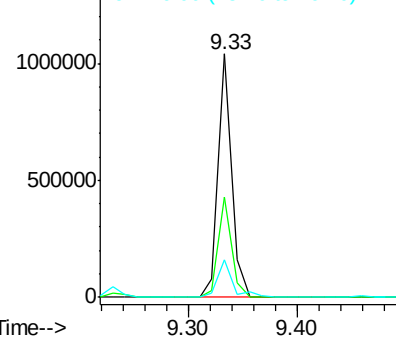
Tgt Ion:	154	Resp:	878908
Ion Ratio	Lower	Upper	
154	100		
153	41.1	20.9	60.9
76	15.2	0.0	30.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.56 ng

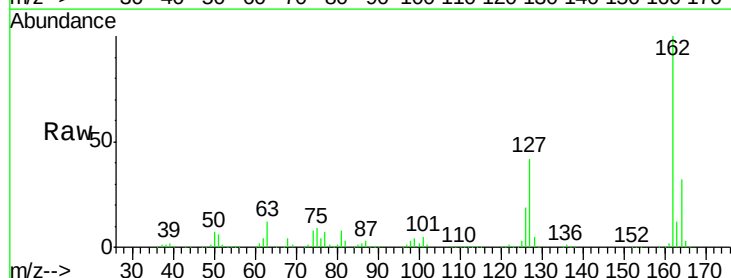
RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

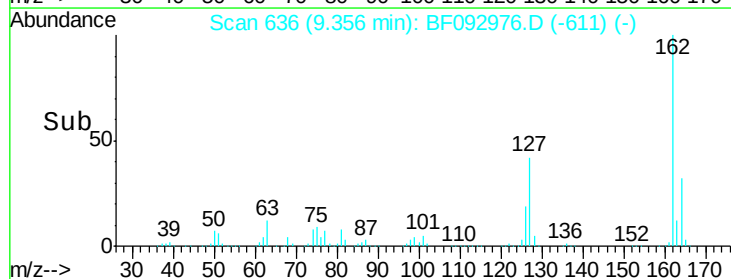
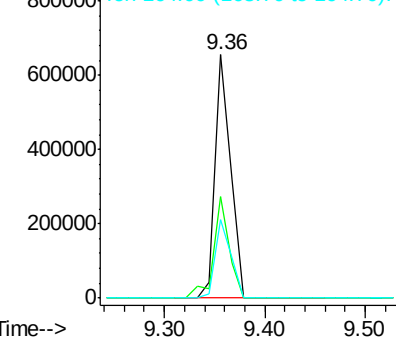
Lab File: BF092976.D

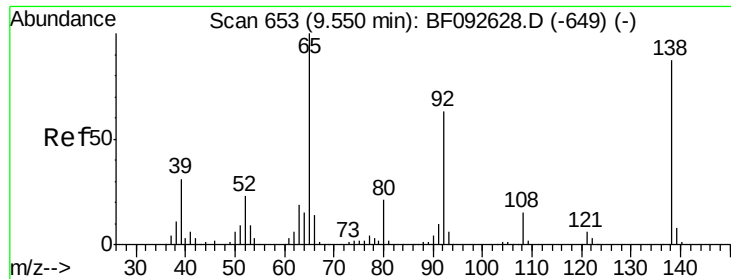
Acq: 16 Feb 2017 5:05

Tgt Ion:	162	Resp:	701523
Ion Ratio	Lower	Upper	
162	100		
127	41.9	30.7	46.1
164	32.2	27.6	41.4



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





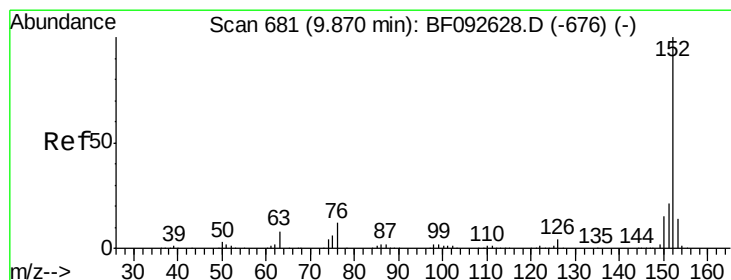
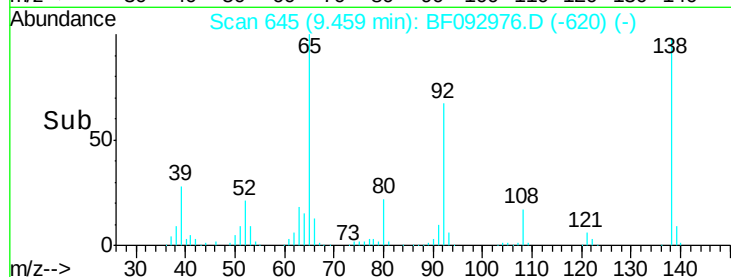
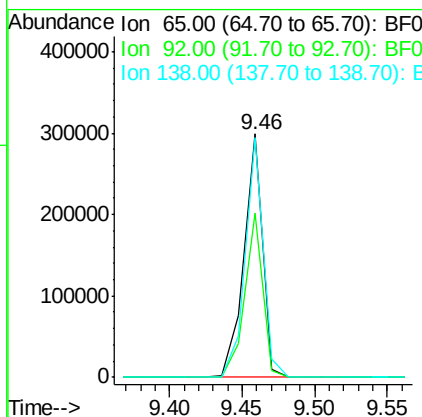
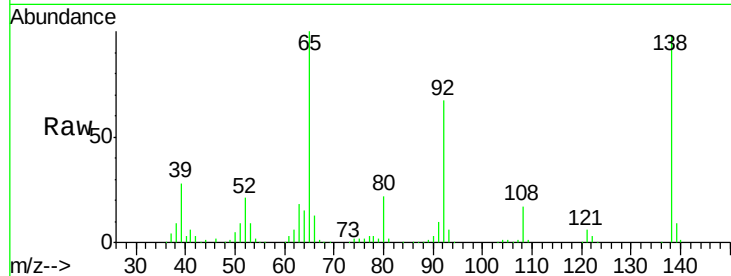
#47
2-Nitroaniline
Concen: 42.25 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	53.9	80.9
138	98.4	76.8	115.2

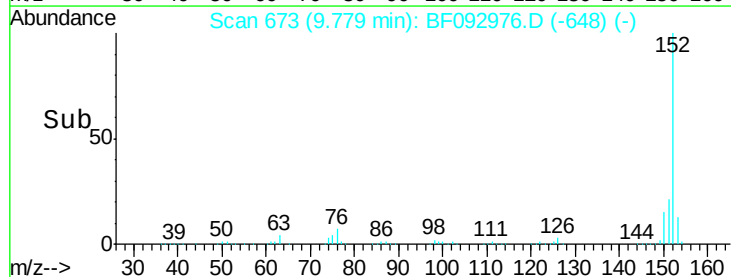
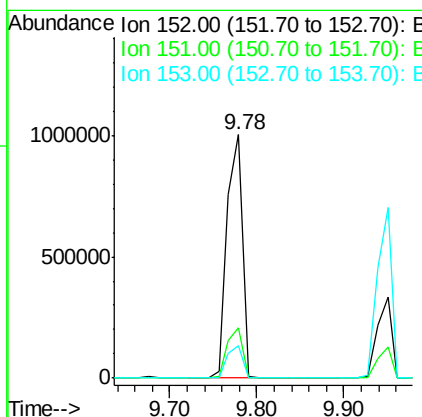
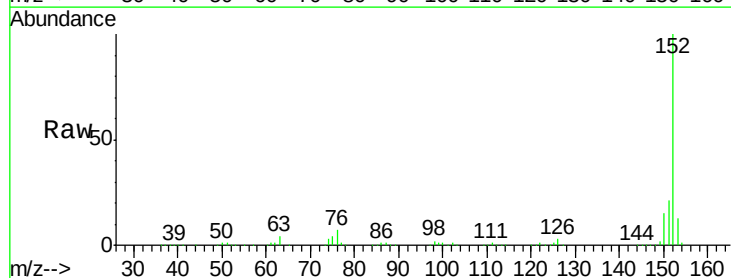
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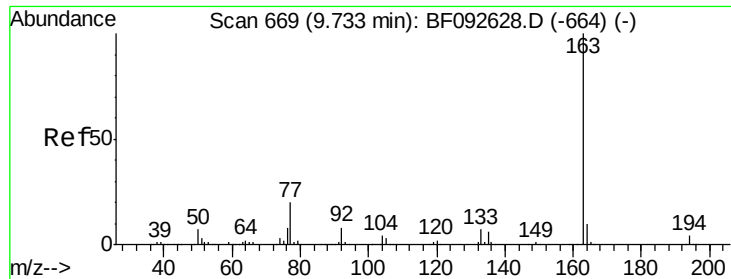
mohammad
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#48
Acenaphthylene
Concen: 38.24 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.1	11.4	17.2





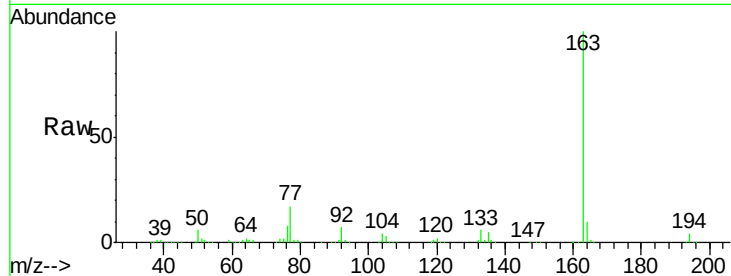
#49
Dimethylphthalate
Concen: 40.97 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

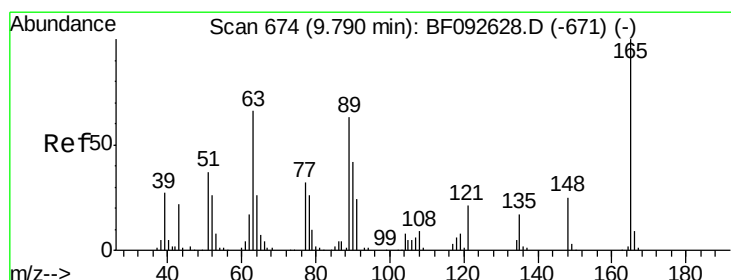
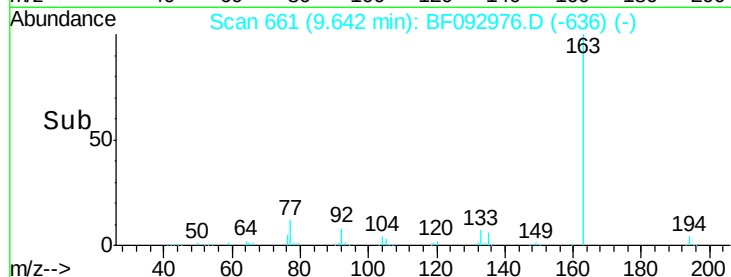
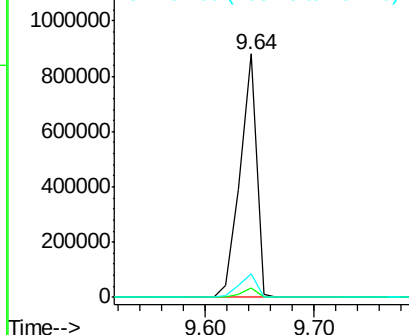
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	3.0	4.4
164	9.9	8.0	12.0

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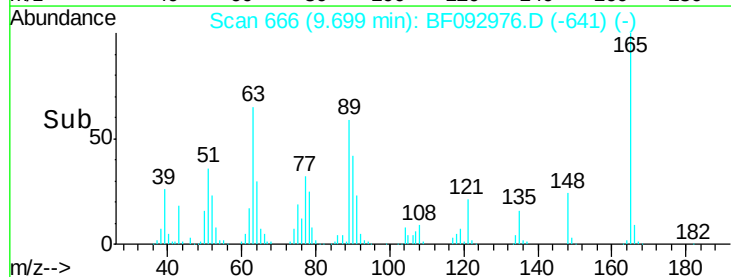
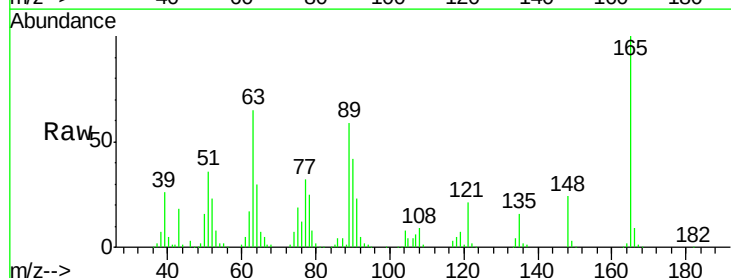
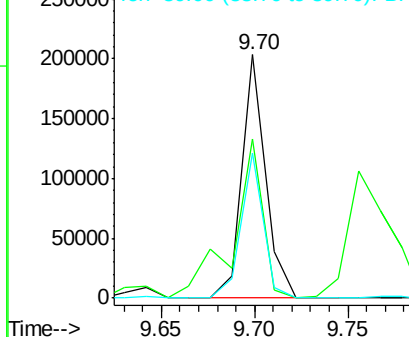
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

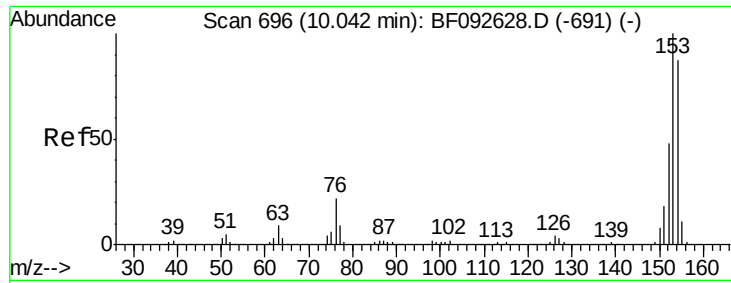


#50
2,6-Dinitrotoluene
Concen: 37.37 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	65.2	36.2	54.4#
89	59.4	40.2	60.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.42 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

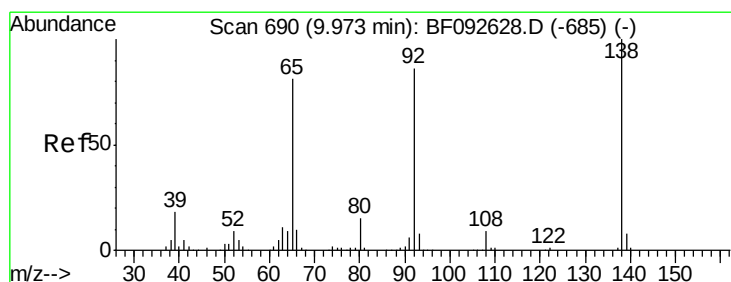
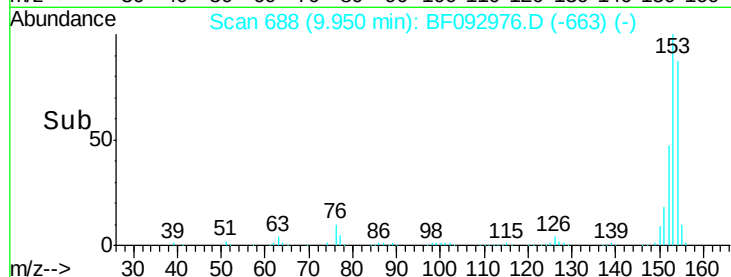
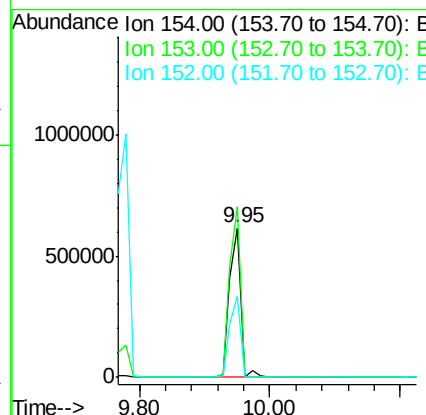
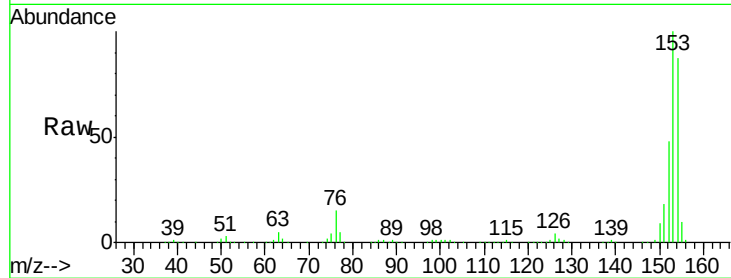
ClientSampleId :

SSTDCCC040

Tgt Ion:	154	Resp:	741215
Ion Ratio	Lower	Upper	
154	100		
153	114.5	88.6	133.0
152	54.6	41.6	62.4

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#52

3-Nitroaniline

Concen: 40.24 ng

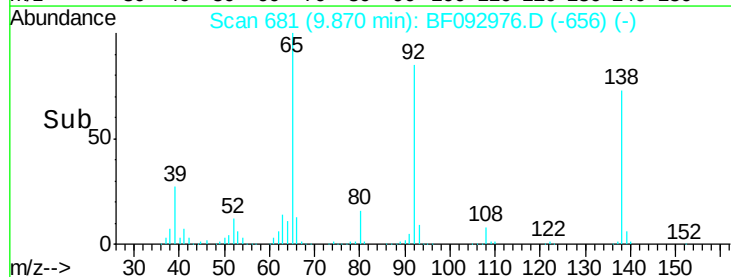
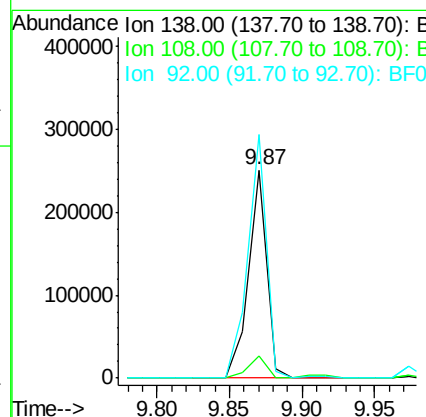
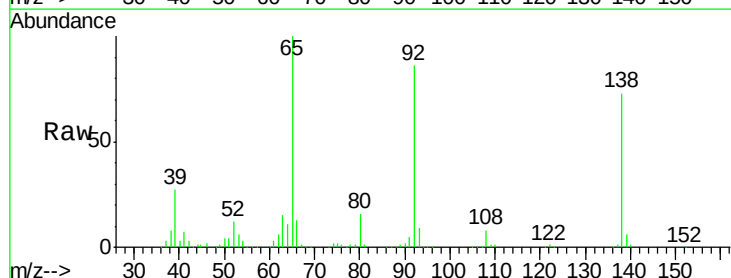
RT: 9.87 min Scan# 681

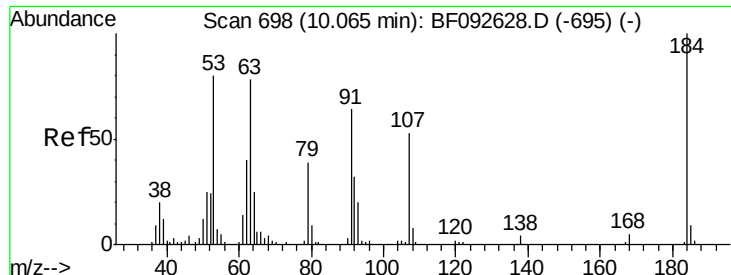
Delta R.T. -0.01 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Tgt Ion:	138	Resp:	220925
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.5	12.7
92	116.9	97.8	146.8





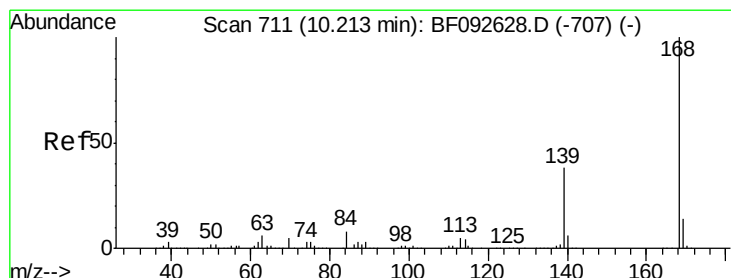
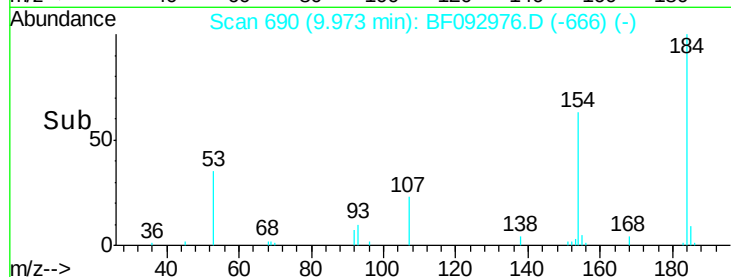
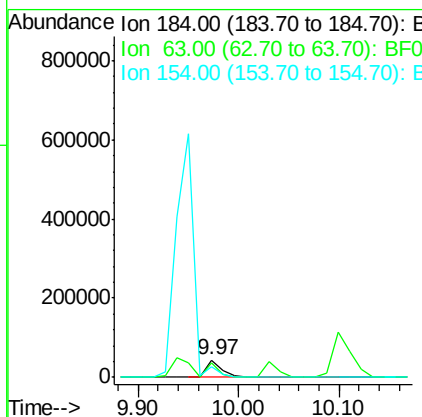
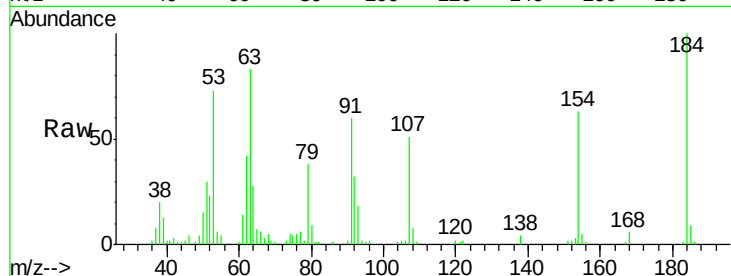
#53
2,4-Dinitrophenol
Concen: 23.45 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	48531		
63	83.4	28.4	42.6#	
154	62.8	44.3	66.5	

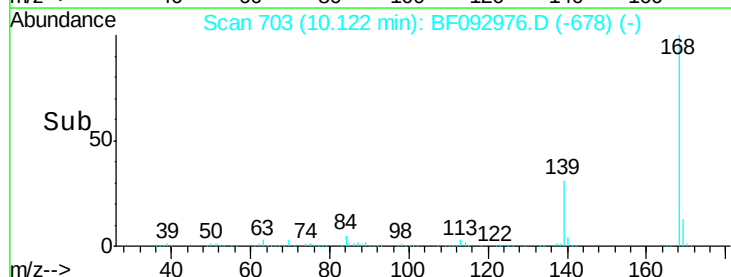
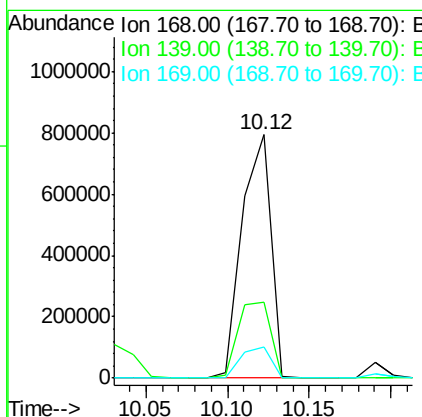
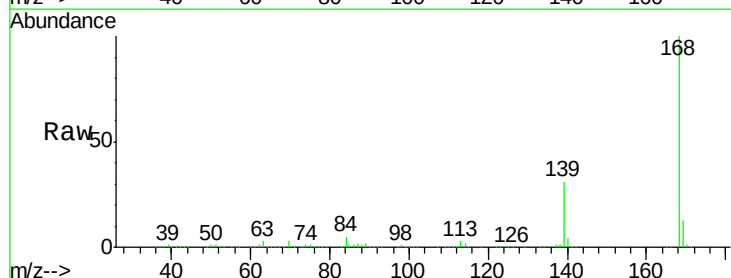
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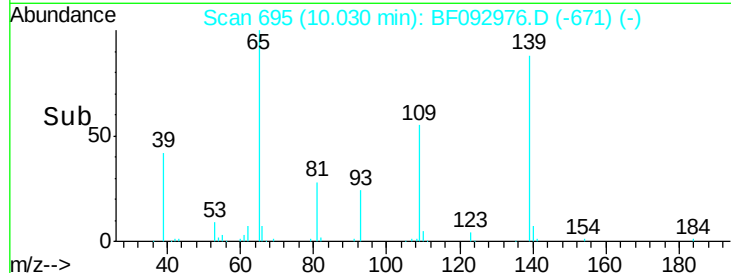
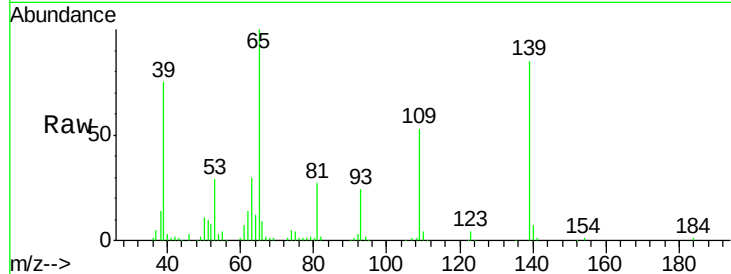
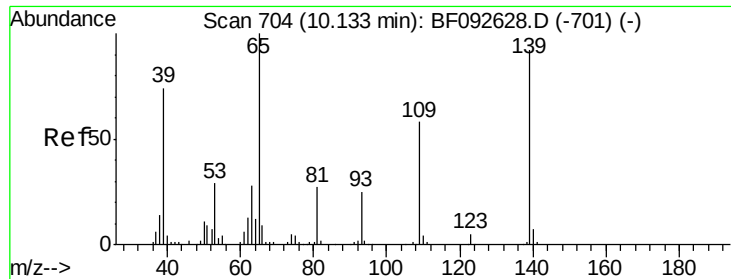
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#54
Dibenzofuran
Concen: 37.60 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	970211		
139	31.2	32.6	49.0#	
169	12.8	11.3	16.9	





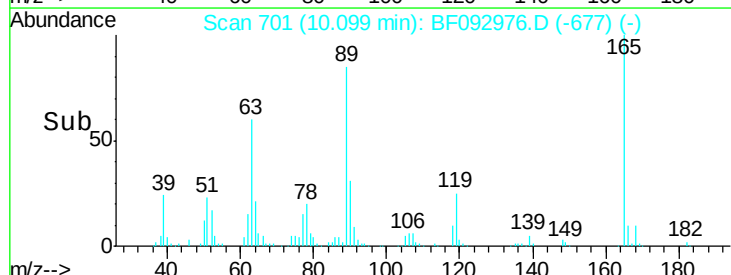
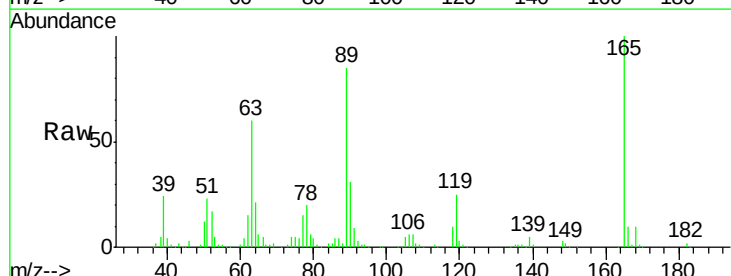
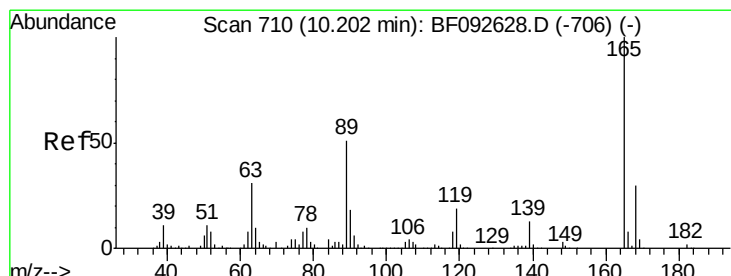
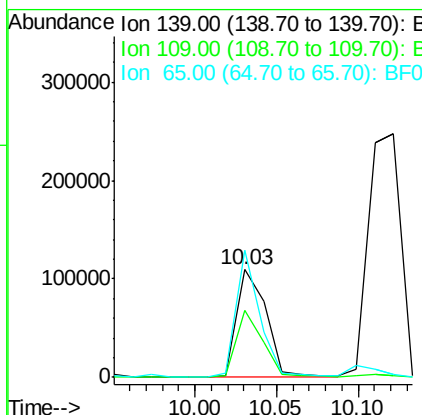
#55
4-Nitrophenol
Concen: 34.61 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion: 139 Resp: 136828
Ion Ratio Lower Upper
139 100
109 62.3 52.2 92.2
65 118.0 85.8 125.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

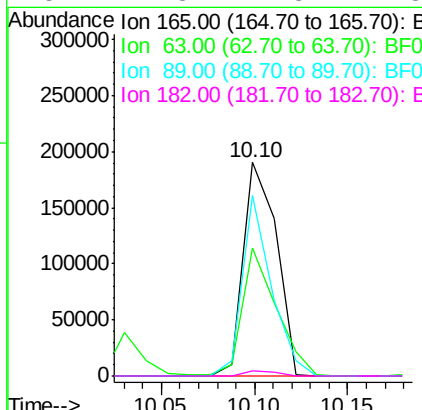
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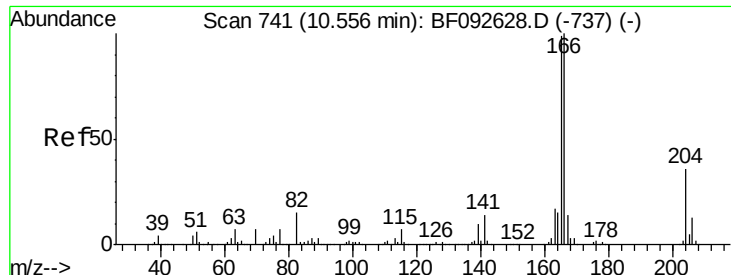
mohammad
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#56
2,4-Dinitrotoluene
Concen: 36.73 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion: 165 Resp: 234564
Ion Ratio Lower Upper
165 100
63 59.7 40.2 60.4
89 84.7 62.5 93.7
182 2.3 1.8 2.8





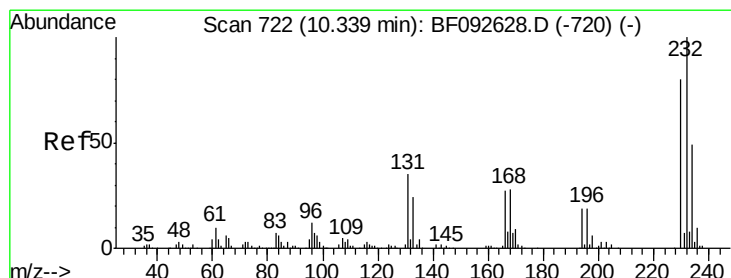
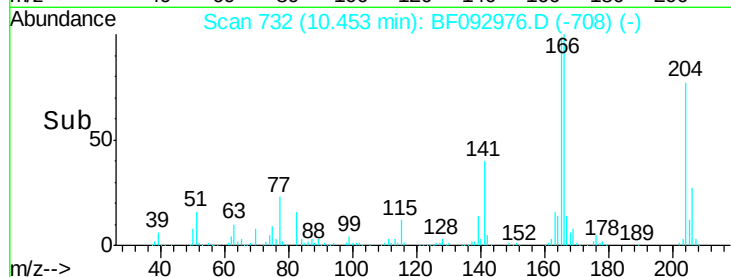
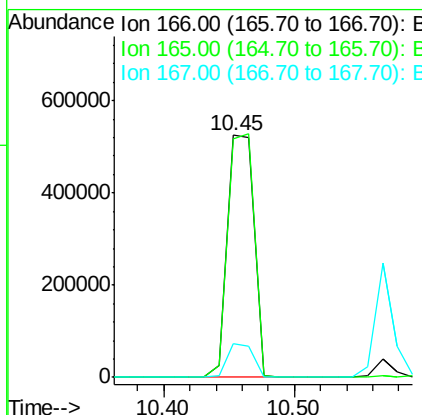
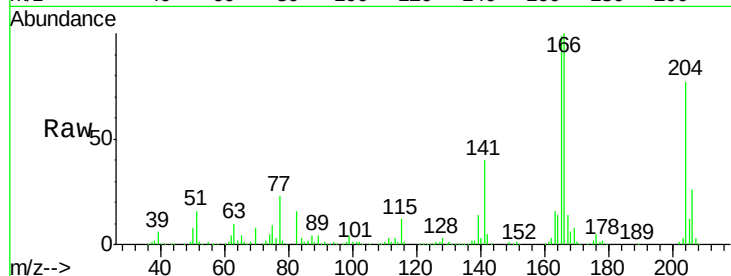
#57
 Fluorene
 Concen: 37.30 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	740473		
165	98.7		77.8	116.8
167	14.0		10.8	16.2

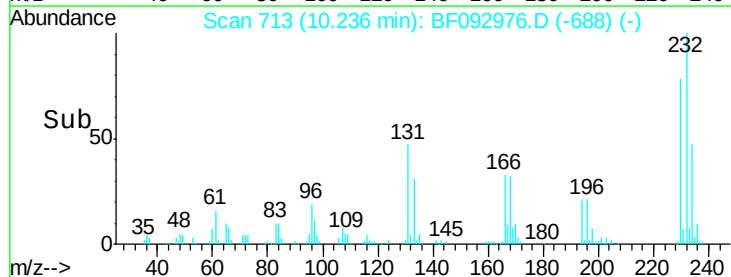
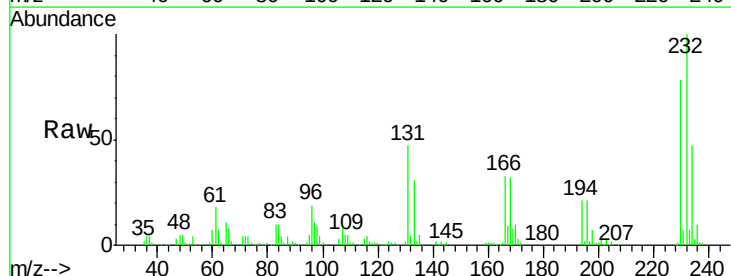
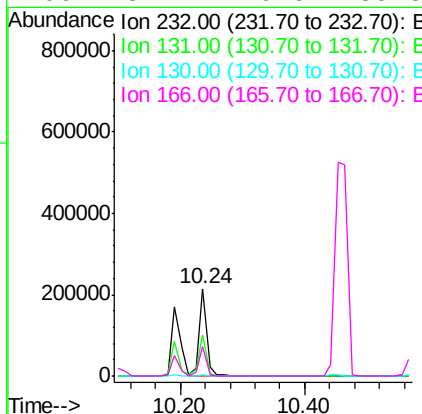
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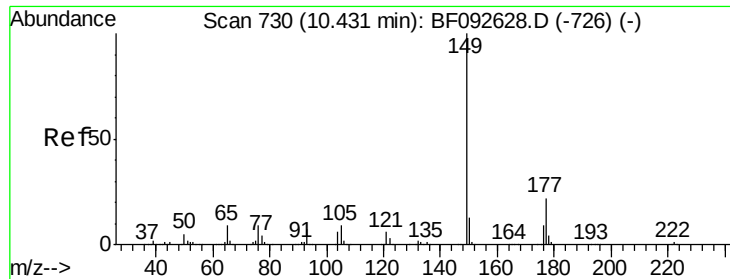
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.66 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	185195		
131	45.9		40.1	60.1
130	2.2		1.8	2.8
166	32.2		26.6	39.8





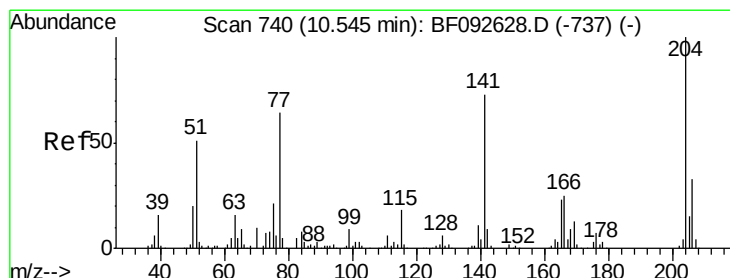
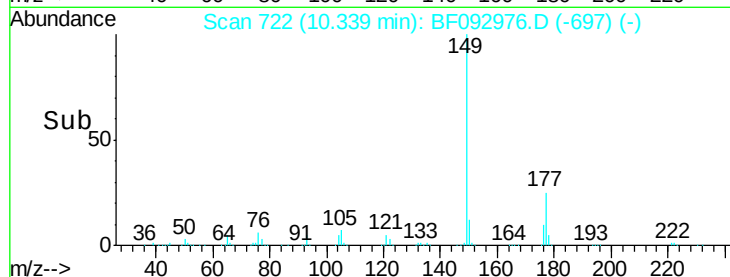
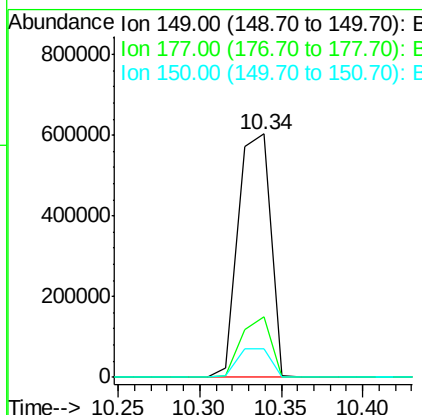
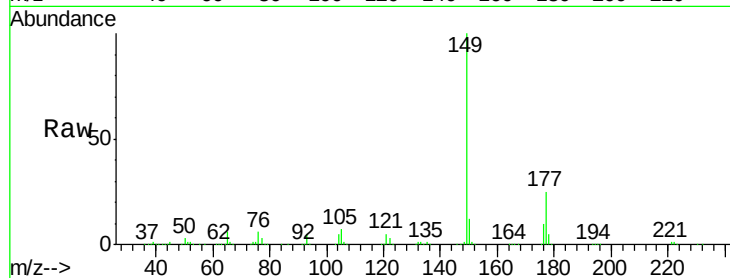
#59
Diethylphthalate
Concen: 39.43 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	825422		
177	24.8	16.6	25.0	
150	12.0	10.4	15.6	

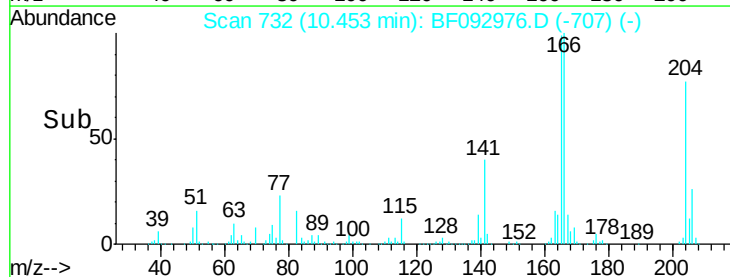
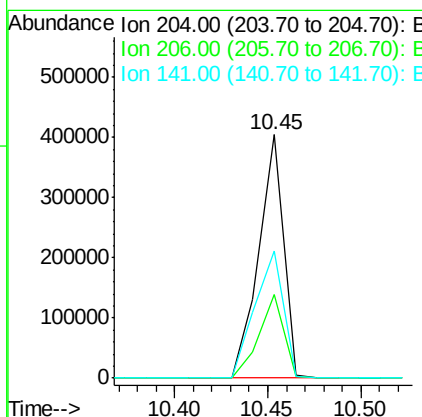
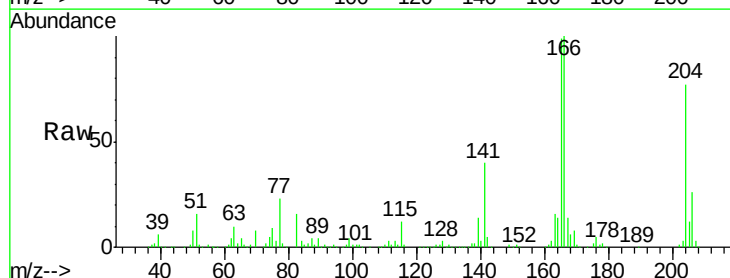
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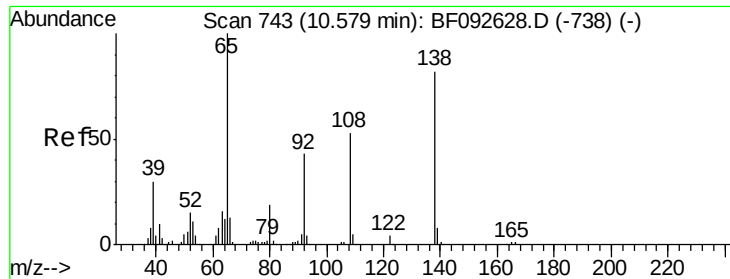
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.86 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	370671		
206	34.2	25.8	38.6	
141	52.3	59.4	89.0#	





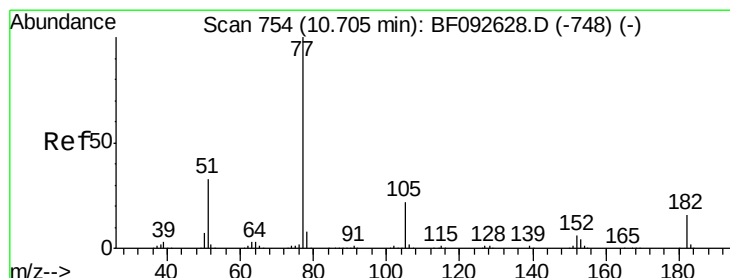
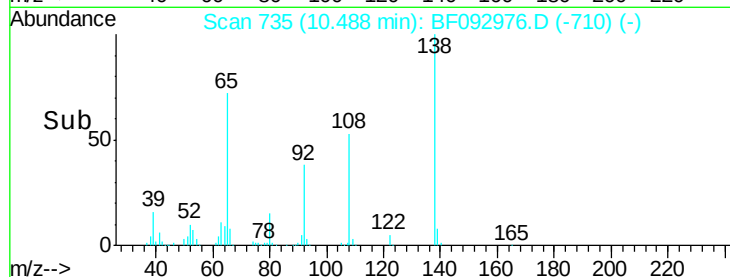
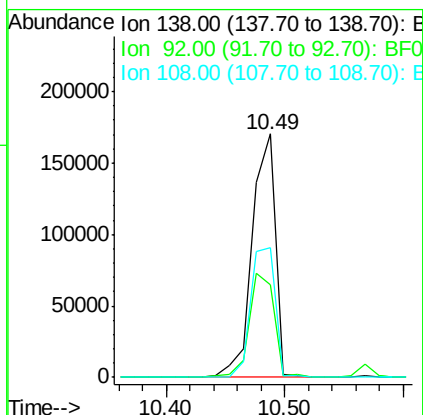
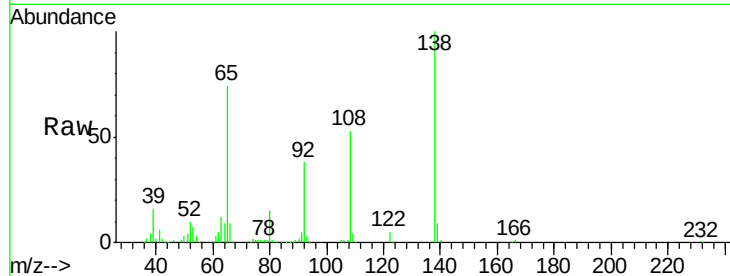
#61
4-Nitroaniline
Concen: 41.54 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
92	38.3	31.7	71.7
108	53.2	52.6	92.6

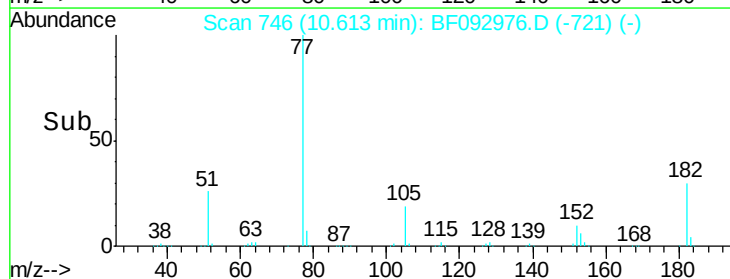
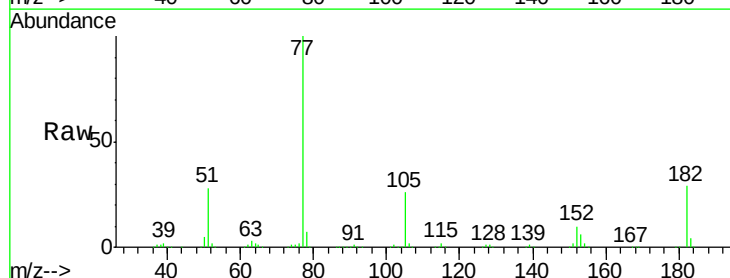
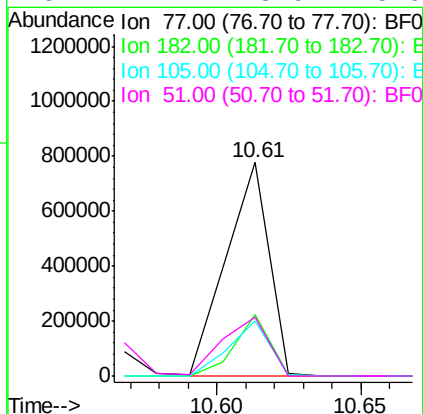
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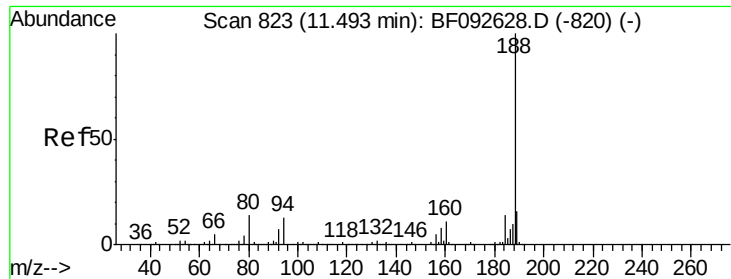
mohammad
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#62
Azobenzene
Concen: 37.47 ng m
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.1	0.0	39.3
105	25.8	2.3	42.3
51	27.7	8.9	48.9





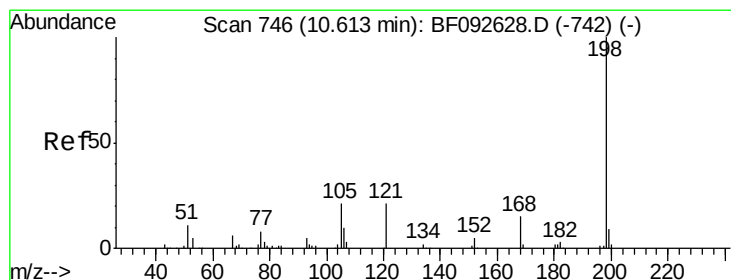
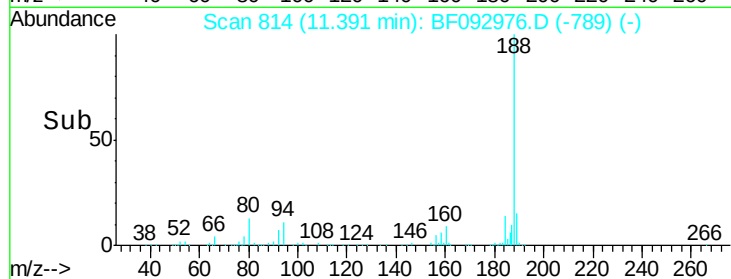
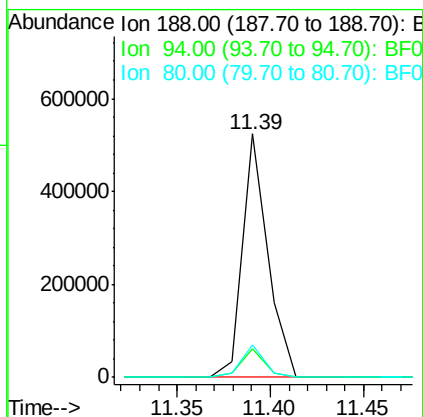
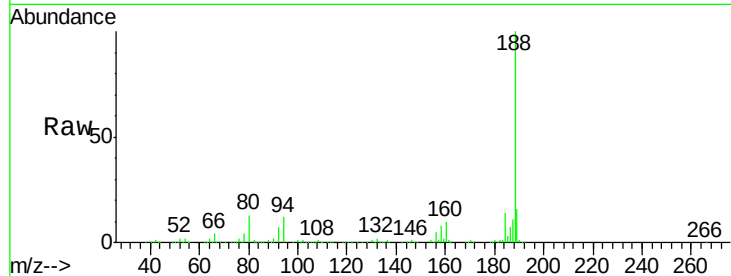
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	494090		
94	12.0	10.0	15.0	
80	13.4	11.2	16.8	

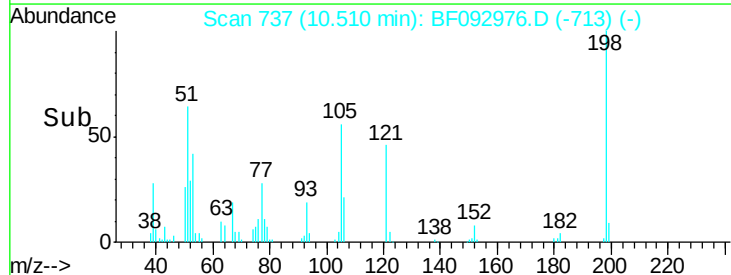
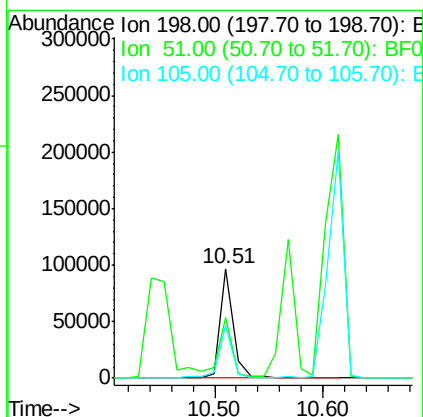
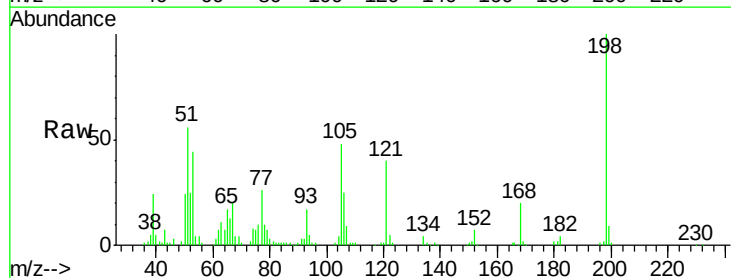
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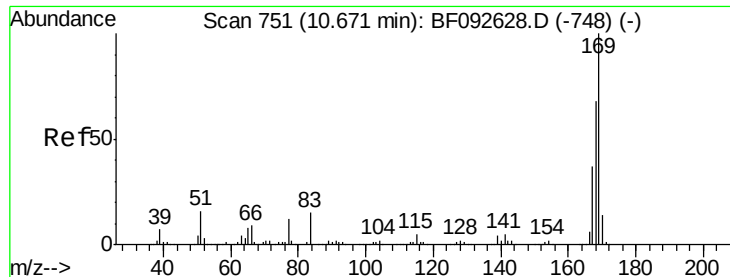
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.60 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	82588		
51	55.5	6.7	46.7#	
105	48.3	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 40.16 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

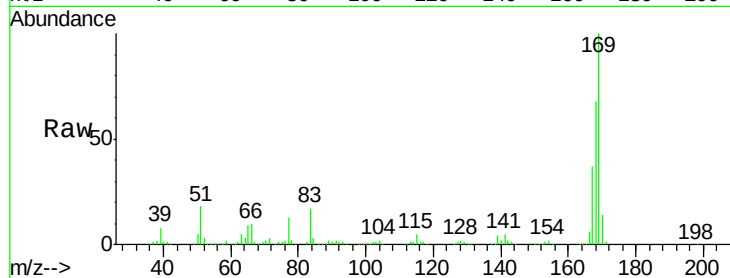
ClientSampleId :

SSTDCCC040

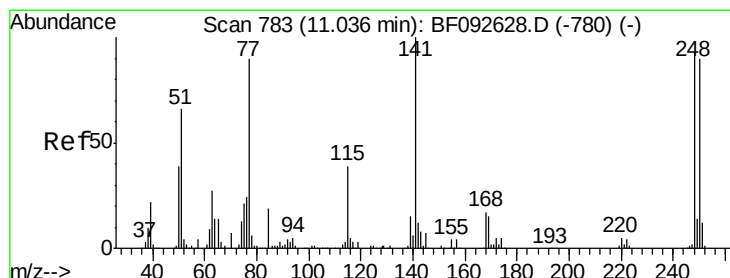
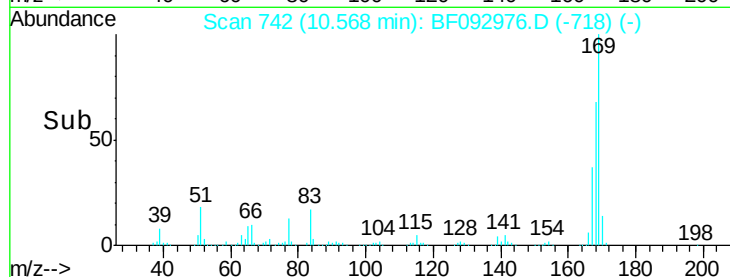
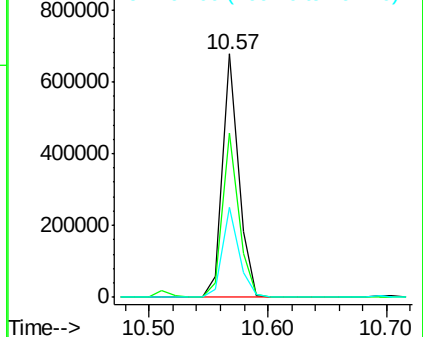
Tgt Ion:	169	Resp:	633864
Ion Ratio	Lower	Upper	
169	100		
168	67.6	54.2	81.2
167	36.7	30.2	45.4

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.44 ng

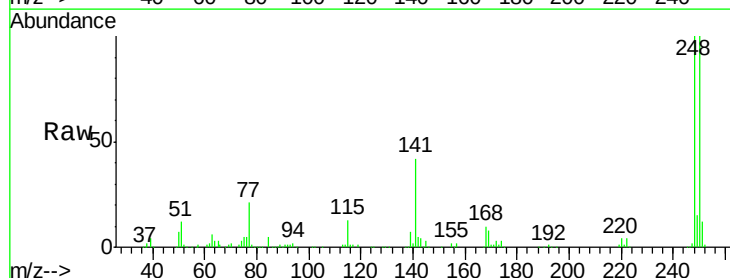
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

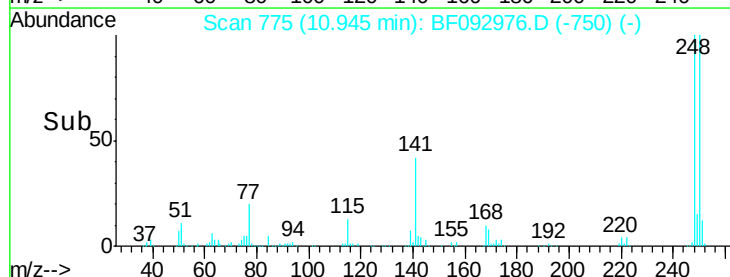
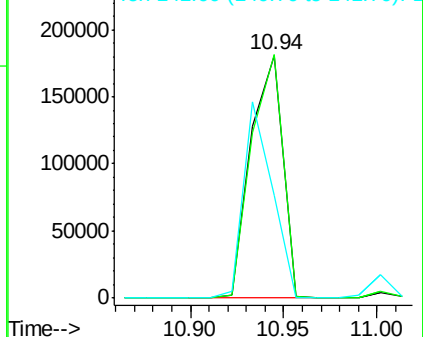
Lab File: BF092976.D

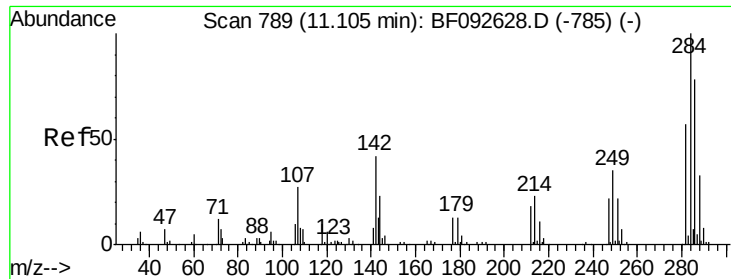
Acq: 16 Feb 2017 5:05

Tgt Ion:	248	Resp:	213939
Ion Ratio	Lower	Upper	
248	100		
250	100.3	76.9	115.3
141	42.4	68.2	102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





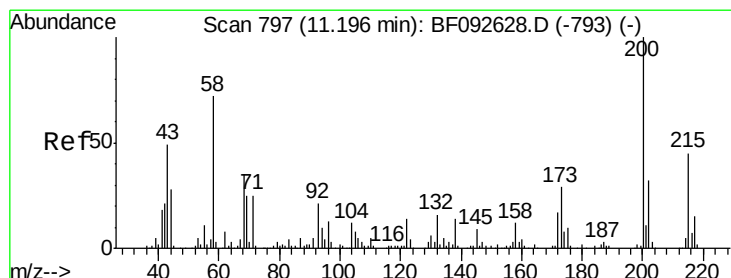
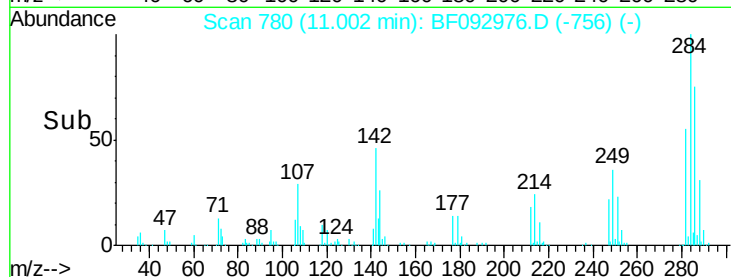
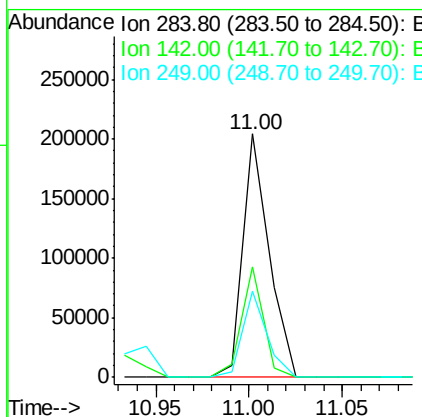
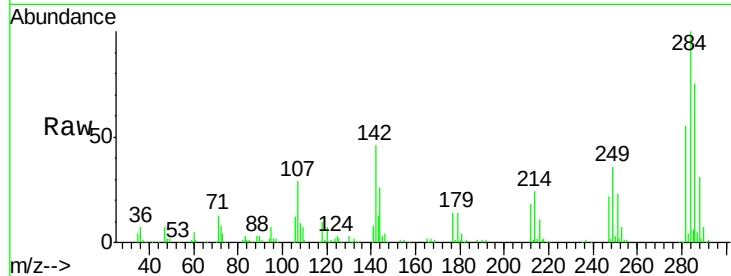
#67
Hexachlorobenzene
Concen: 38.96 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	45.6	22.6	33.8#
249	35.5	25.4	38.0

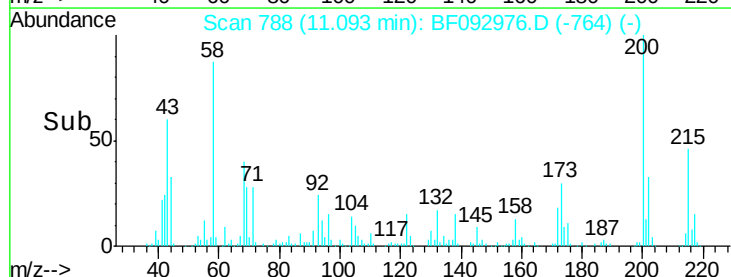
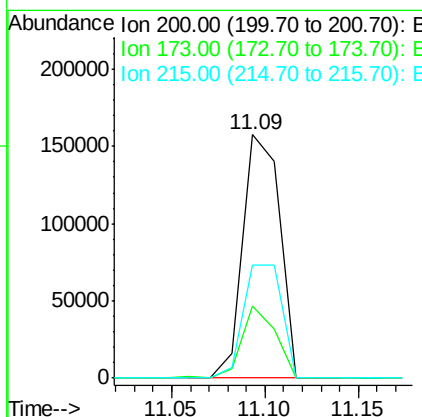
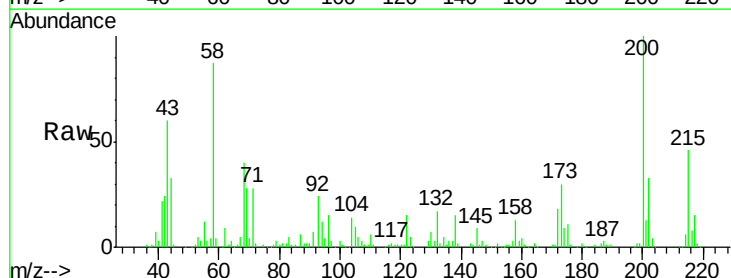
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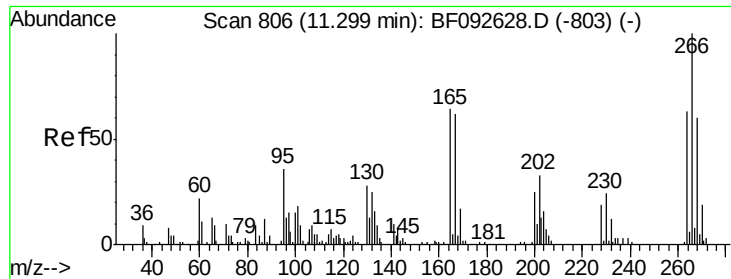
mohammad
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#68
Atrazine
Concen: 42.60 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.8	9.6	49.6
215	46.4	25.7	65.7





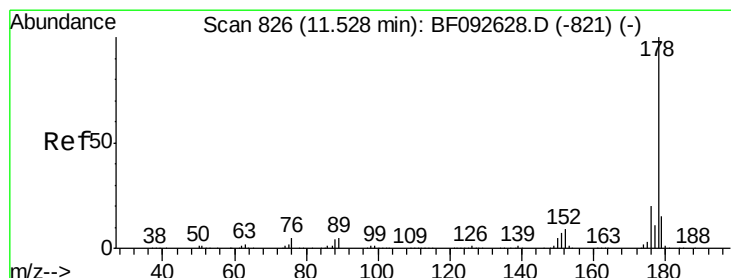
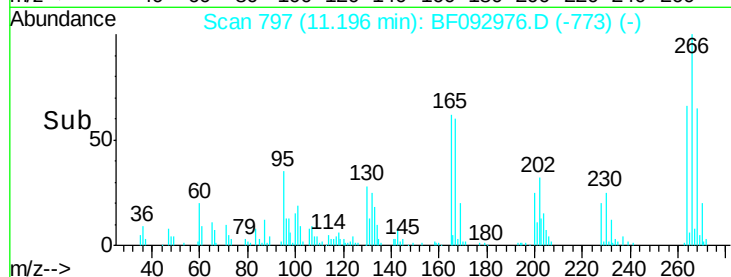
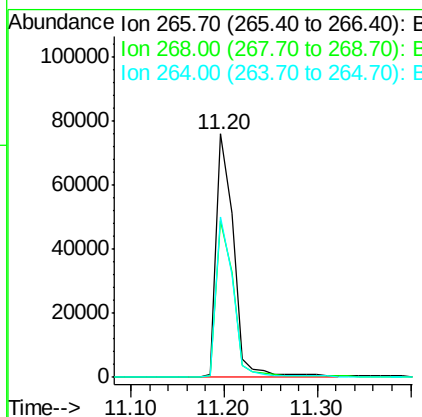
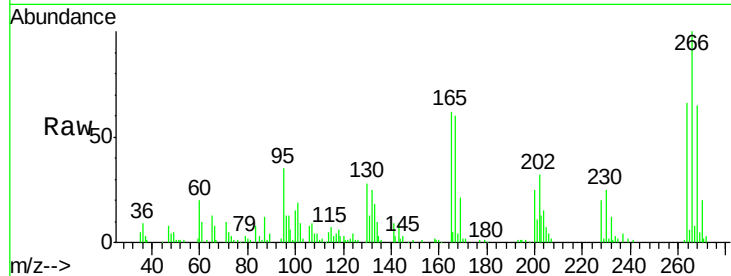
#69
 Pentachlorophenol
 Concen: 41.25 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	98536		
268	64.5	53.3	79.9	
264	65.9	50.3	75.5	

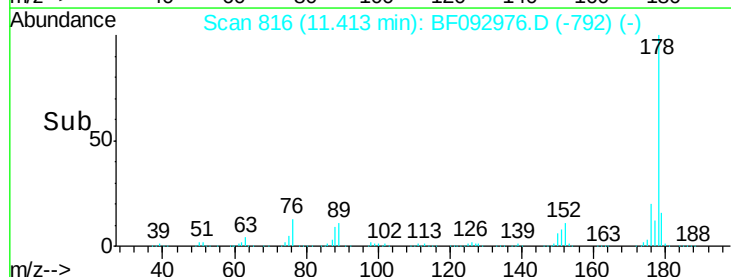
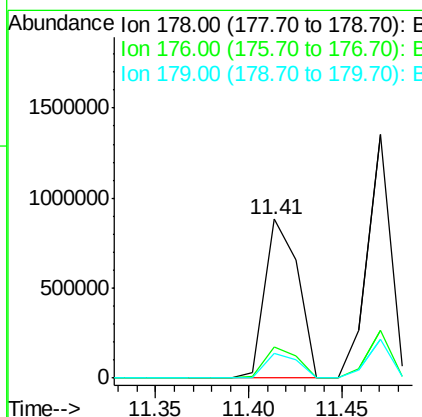
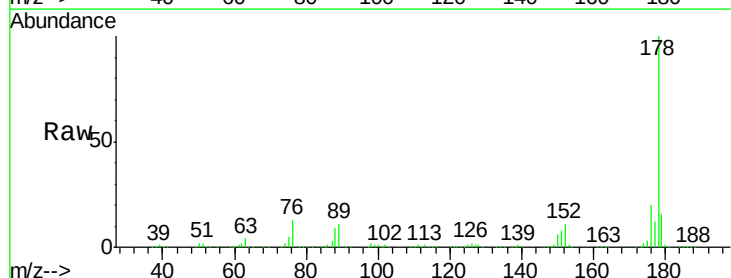
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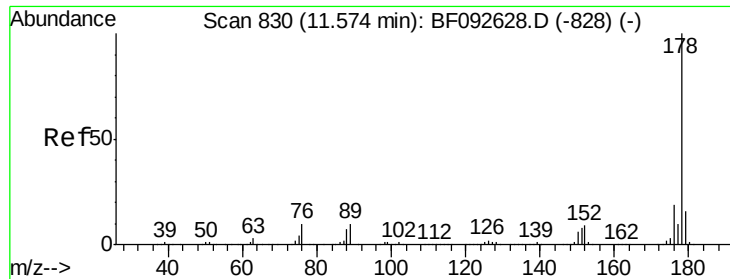
mohammad
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#70
 Phenanthrene
 Concen: 38.37 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1086204		
176	19.9	16.6	25.0	
179	15.9	12.8	19.2	





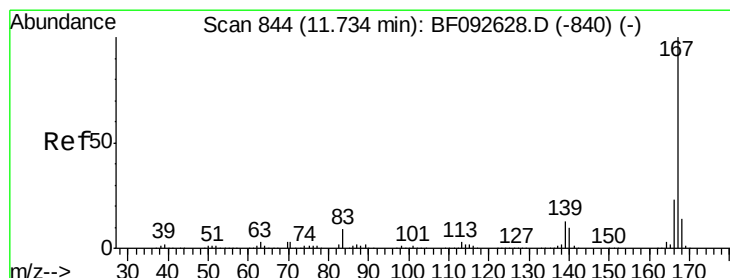
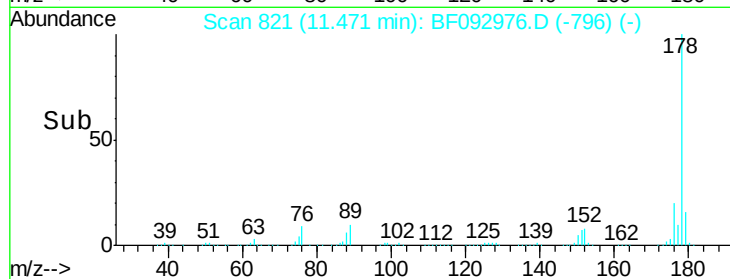
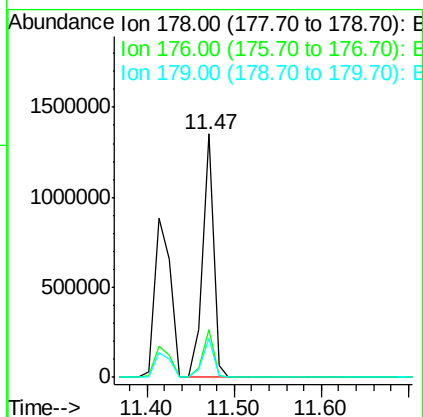
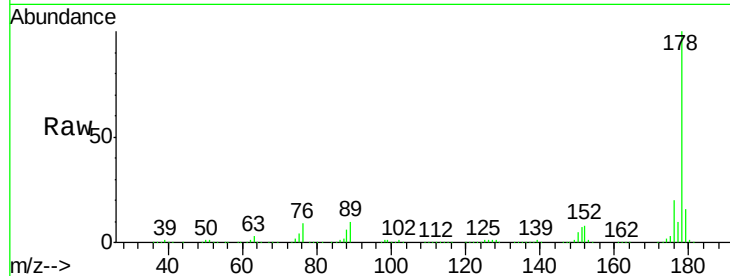
#71
 Anthracene
 Concen: 40.88 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 1162151
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.8 13.2 19.8

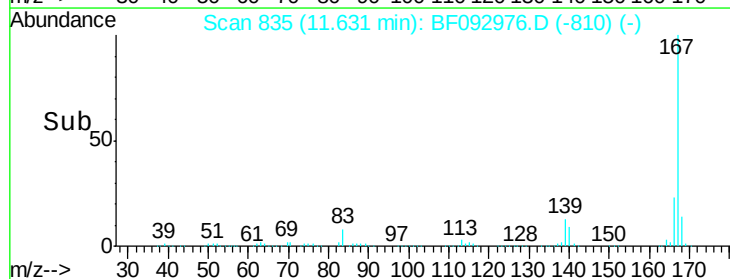
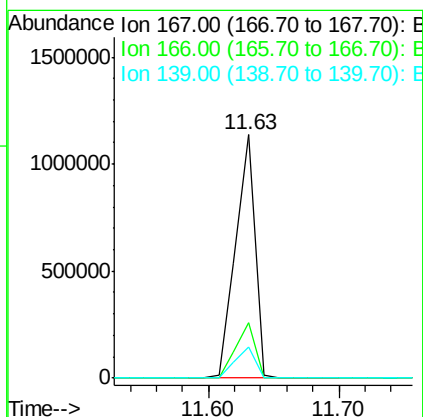
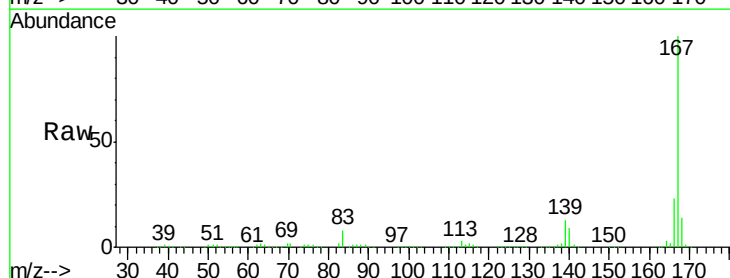
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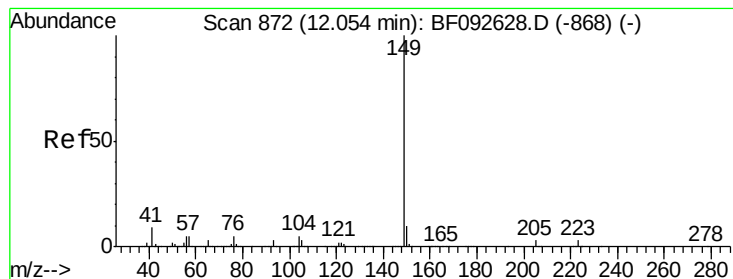
mohammad
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#72
 Carbazole
 Concen: 43.07 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion:167 Resp: 1170486
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 12.7 11.4 17.2





#73

Di-n-butylphthalate

Concen: 42.45 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

ClientSampleId :

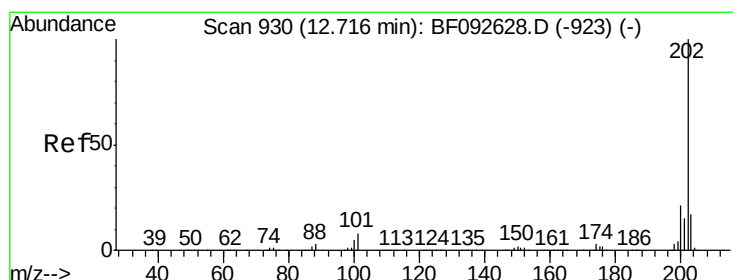
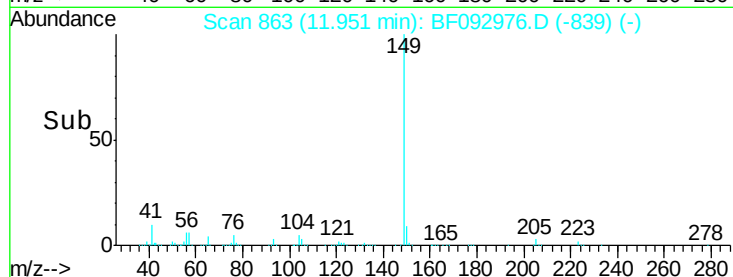
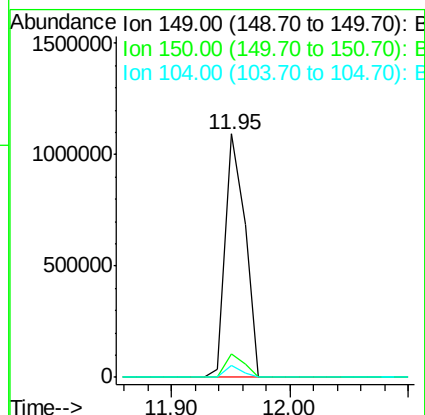
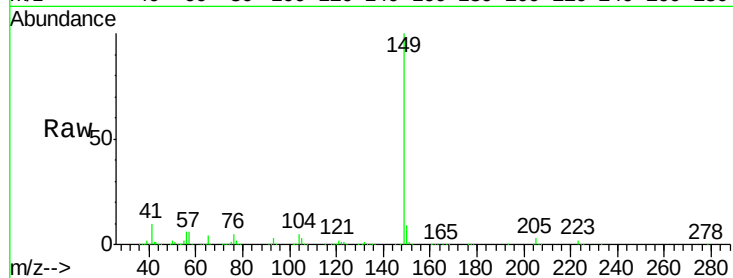
SSTDCCC040

Tgt Ion:149 Resp: 1247504

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.7	4.6	7.0

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#74

Fluoranthene

Concen: 34.40 ng

RT: 12.60 min Scan# 920

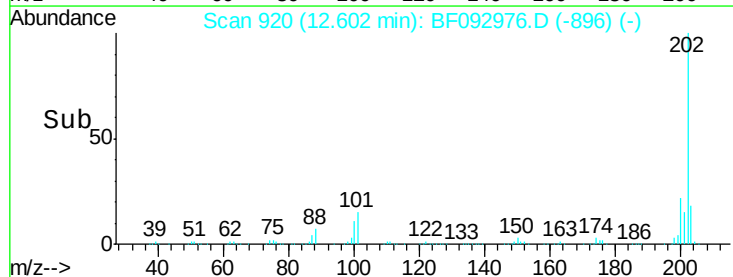
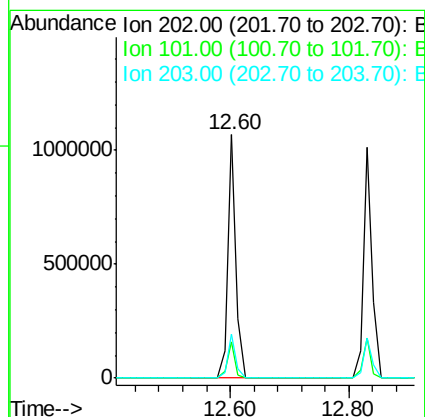
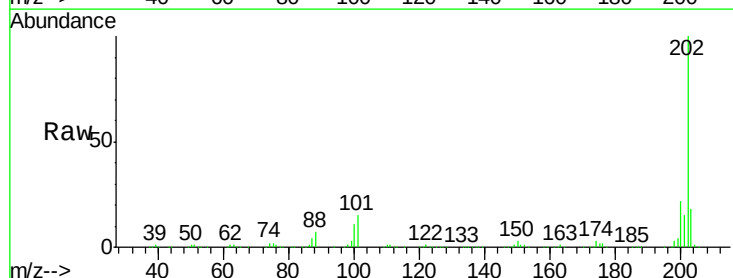
Delta R.T. -0.02 min

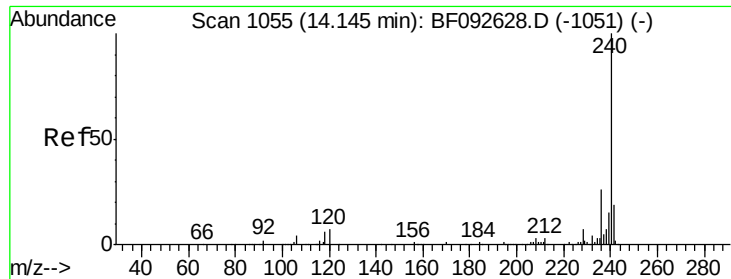
Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Tgt Ion:202 Resp: 1004364

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.6
203	18.2	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Instrument :

BNA_F

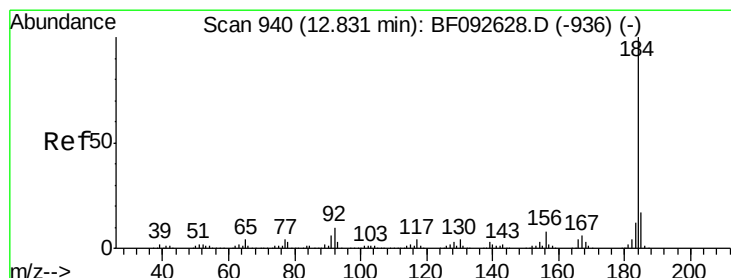
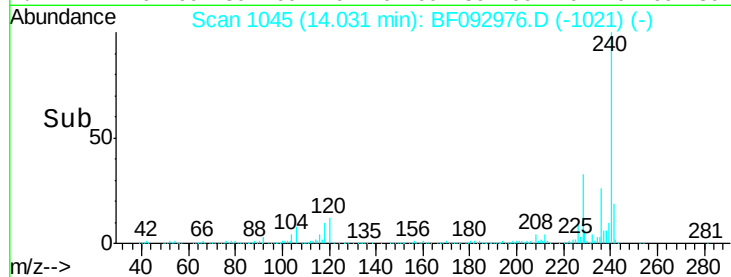
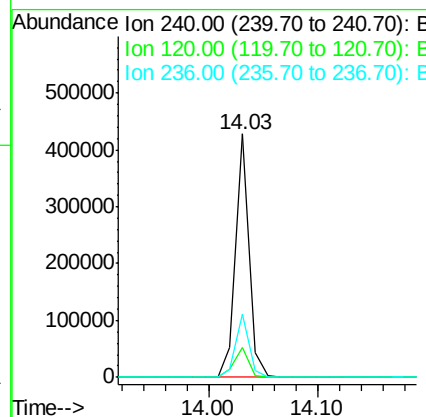
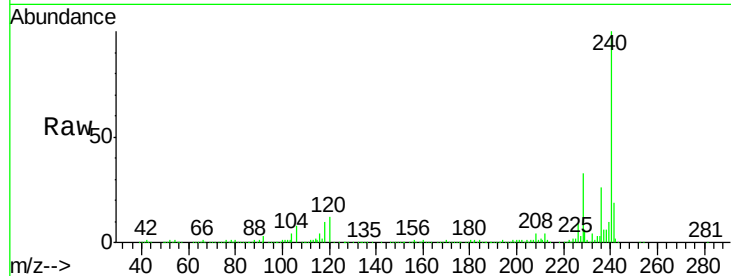
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	362444		
120	12.2	12.9	19.3#	
236	26.0	20.9	31.3	

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#76

Benzidine

Concen: 33.81 ng

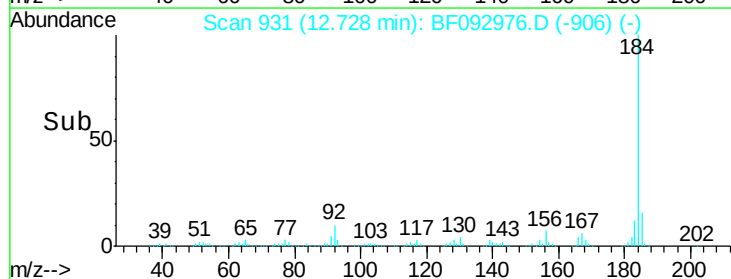
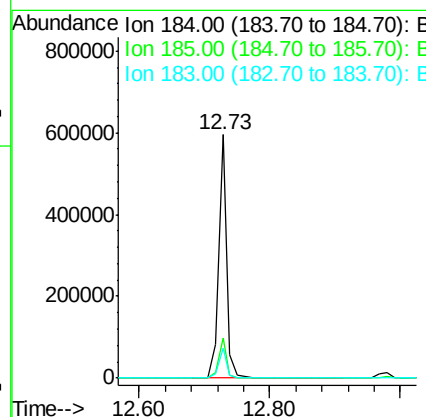
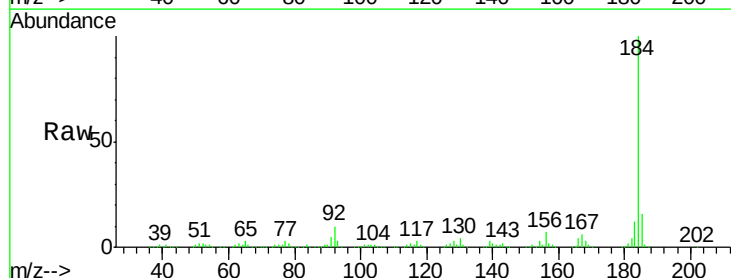
RT: 12.73 min Scan# 931

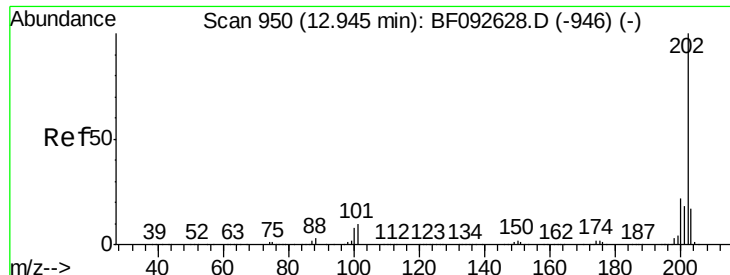
Delta R.T. -0.01 min

Lab File: BF092976.D

Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	522239		
185	16.5	13.4	20.0	
183	12.3	9.2	13.8	





#77
Pyrene
 Concen: 37.42 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

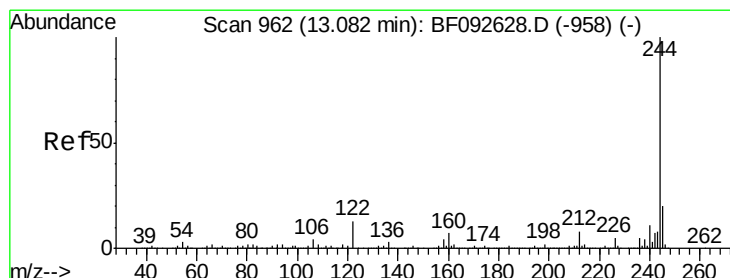
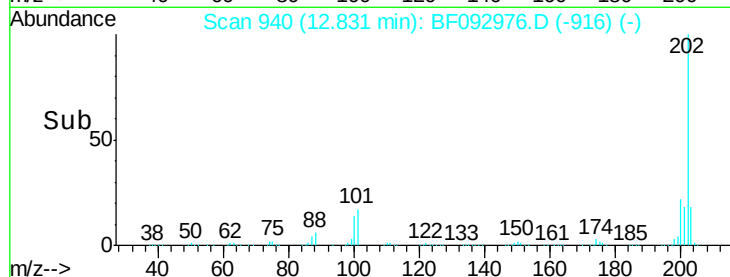
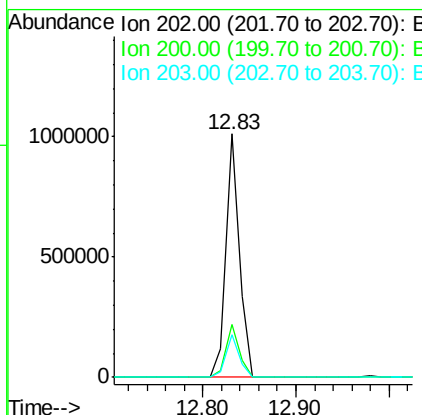
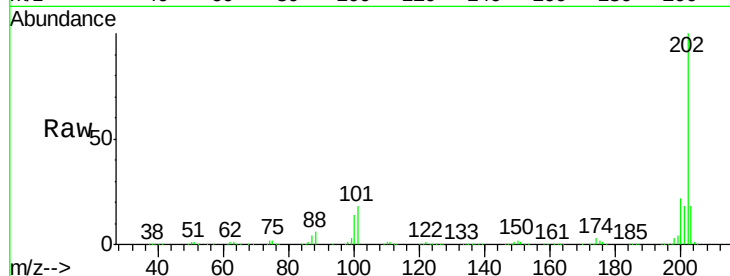
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1015079

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.7	14.7	22.1

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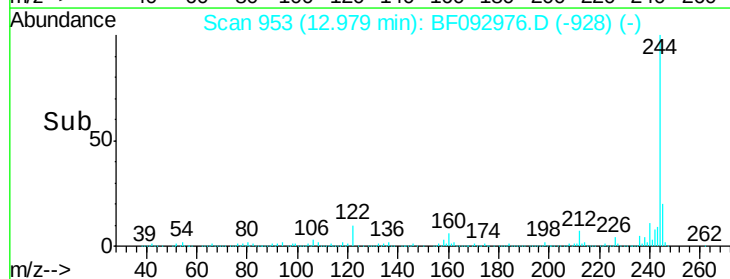
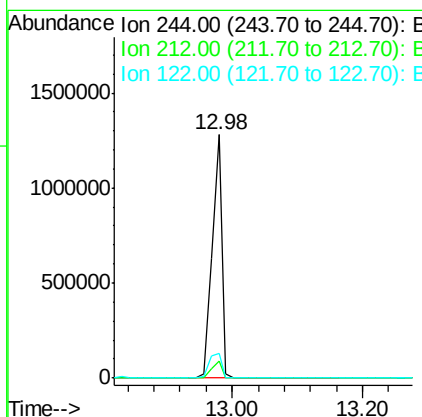
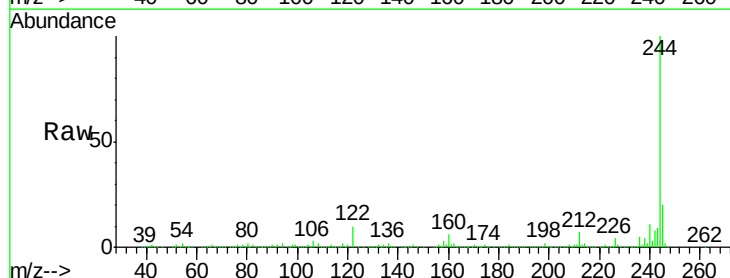
mohammad
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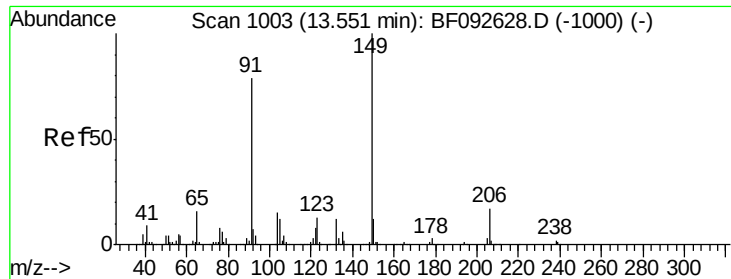


#78
Terphenyl-d14
 Concen: 87.20 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion: 244 Resp: 1345116

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	10.4	11.4	17.2





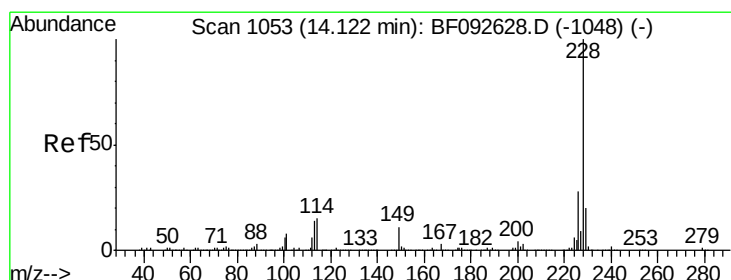
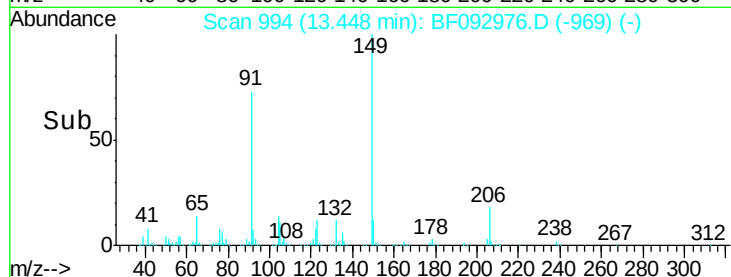
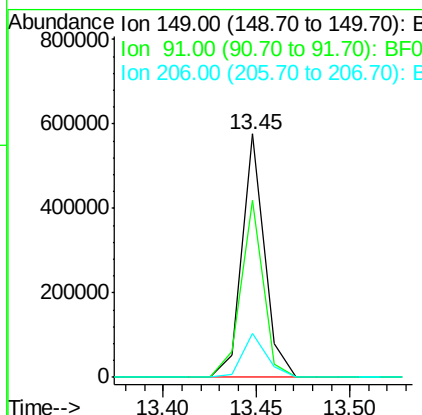
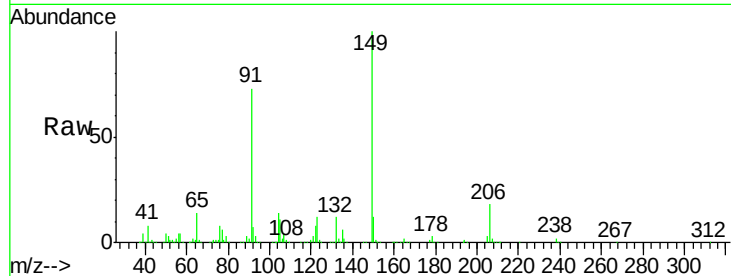
#79
Butylbenzylphthalate
Concen: 44.21 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	72.7	63.9	95.9
206	18.2	14.6	21.8

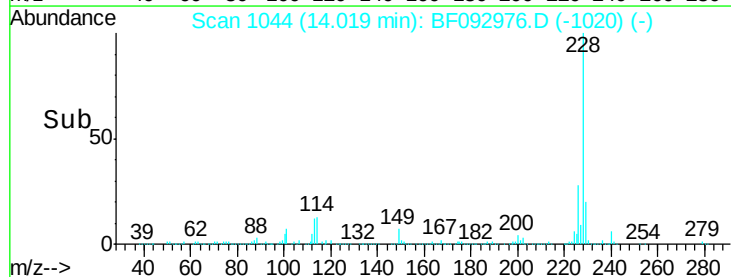
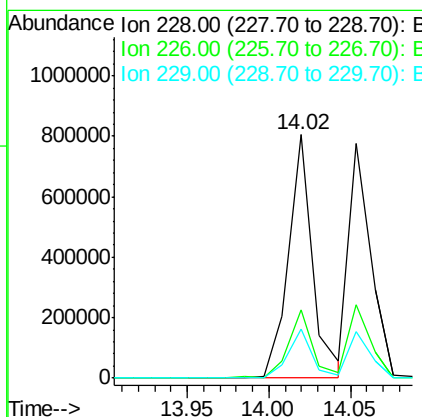
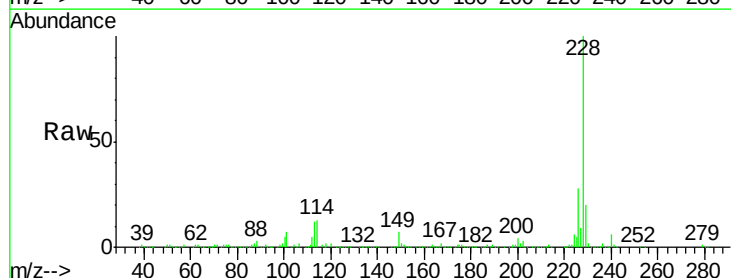
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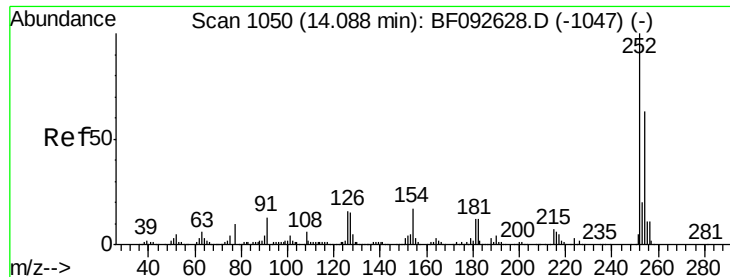
mohammad
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#80
Benzo(a)anthracene
Concen: 37.63 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	22.4	33.6
229	19.9	16.2	24.4





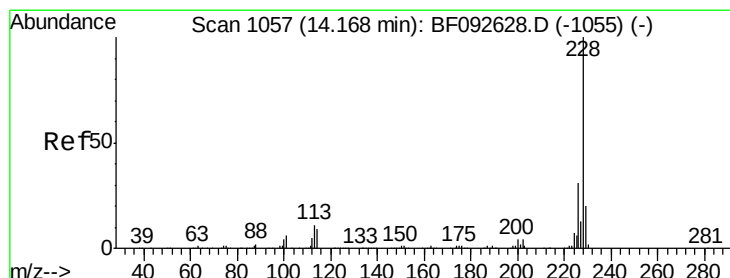
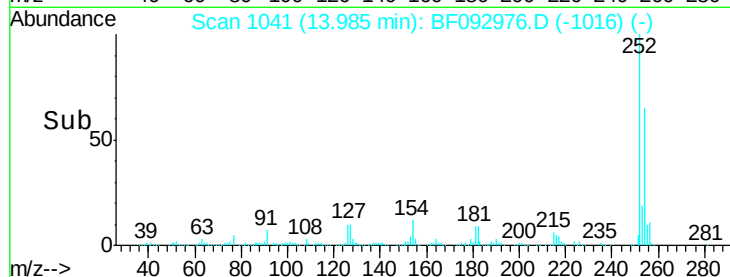
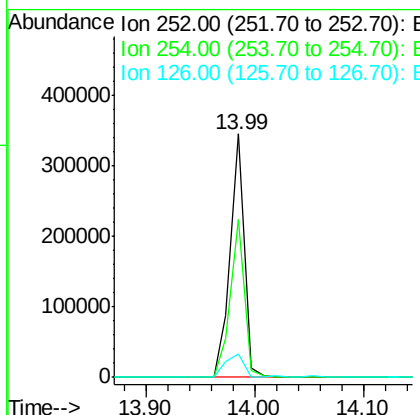
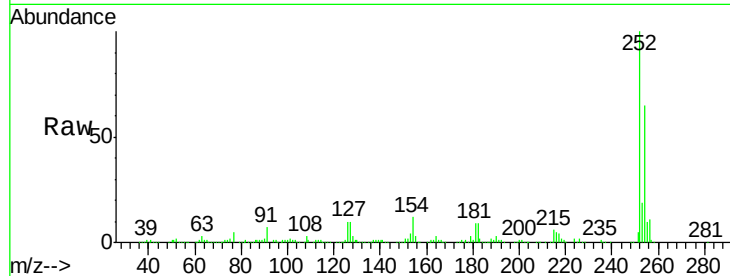
#81
 3,3'-Dichlorobenzidine
 Concen: 39.31 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	52.3	78.5
126	9.6	13.6	20.4

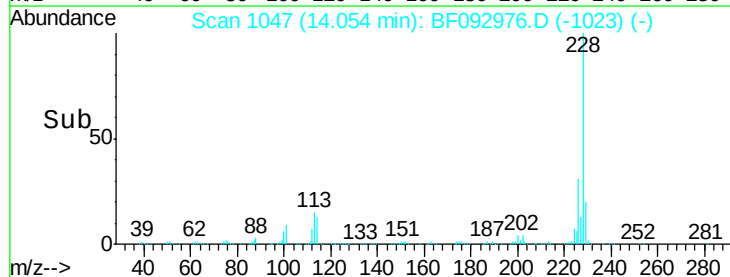
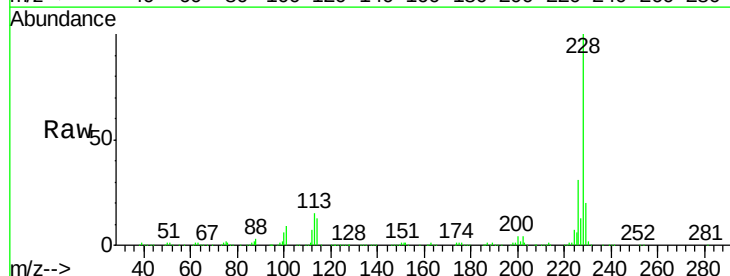
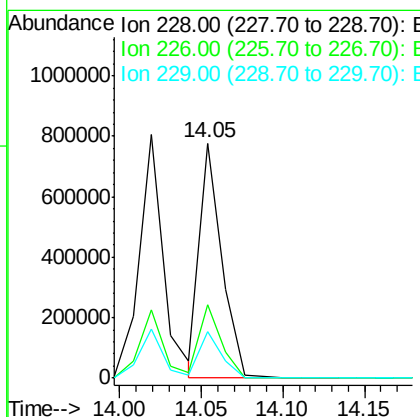
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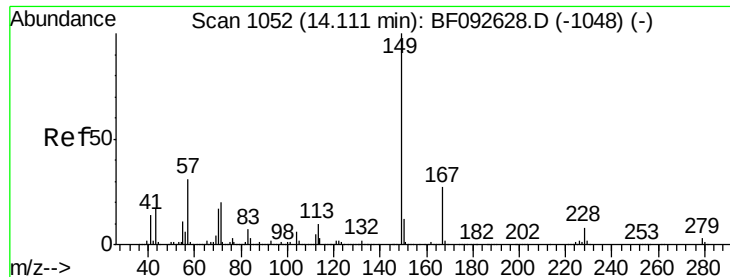
mohammad
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#82
 Chrysene
 Concen: 35.82 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.4	38.0
229	19.8	16.2	24.2





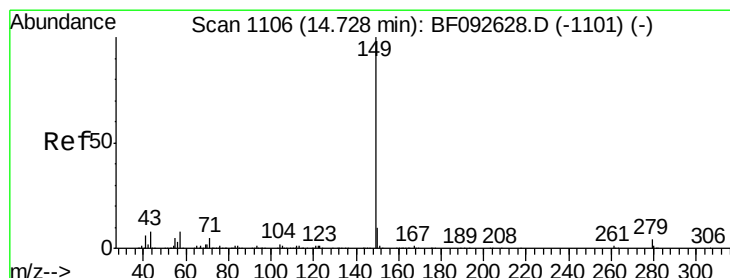
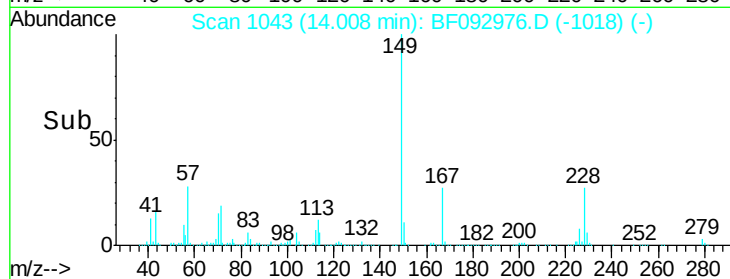
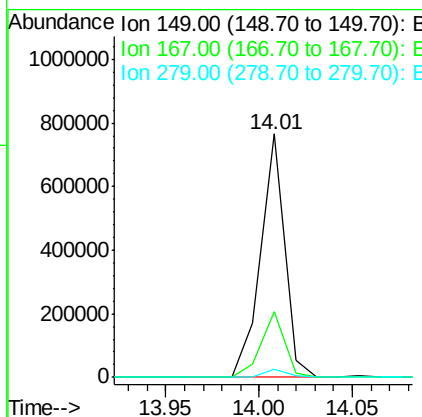
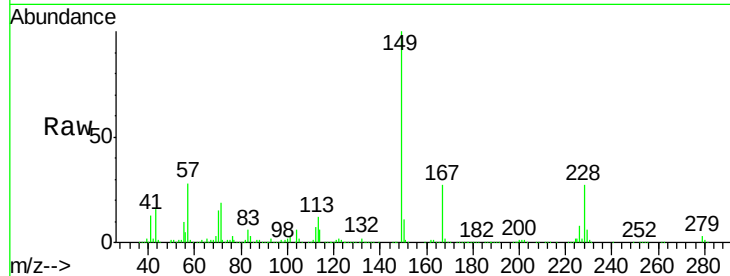
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.24 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	681451		
167	26.9	20.2	30.4	
279	3.1	1.8	2.8#	

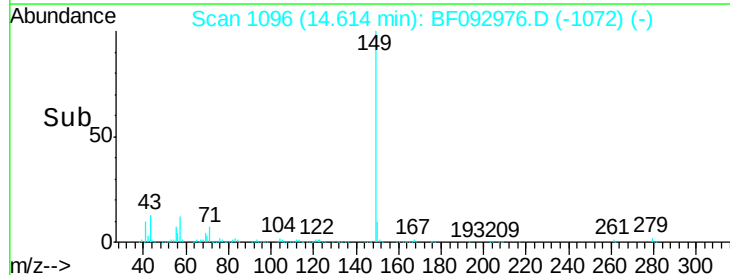
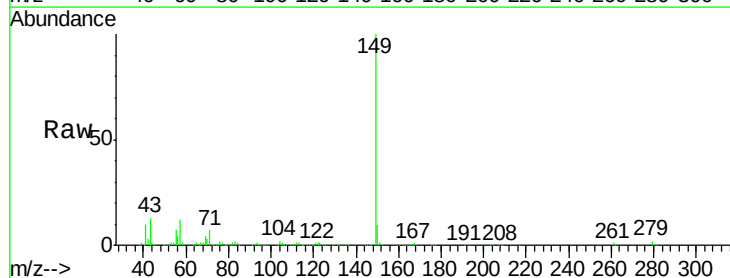
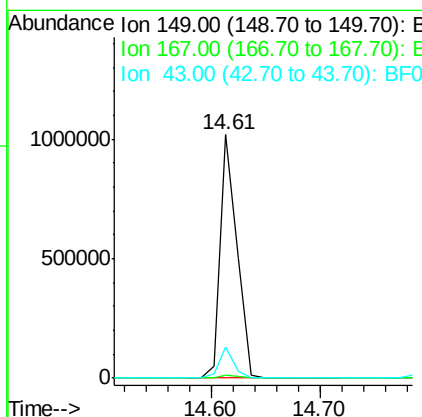
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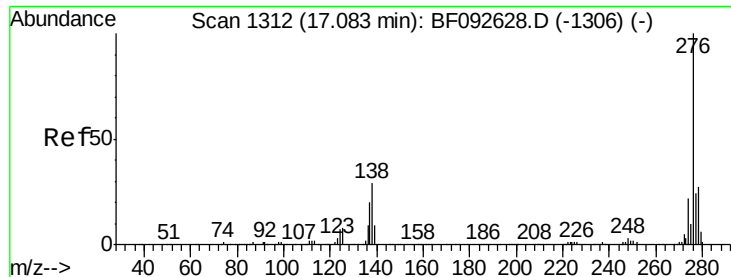
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 44.55 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1092893		
167	1.5	1.3	1.9	
43	11.2	8.9	13.3	





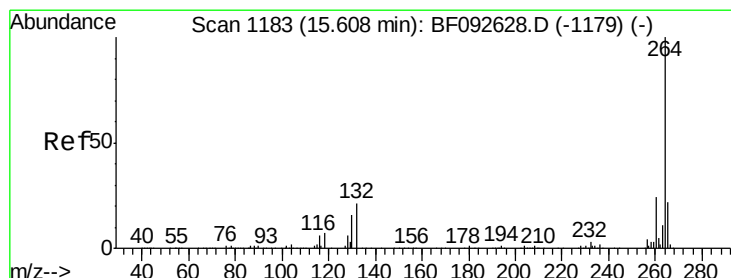
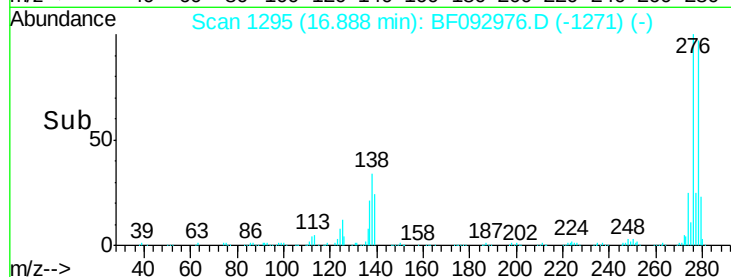
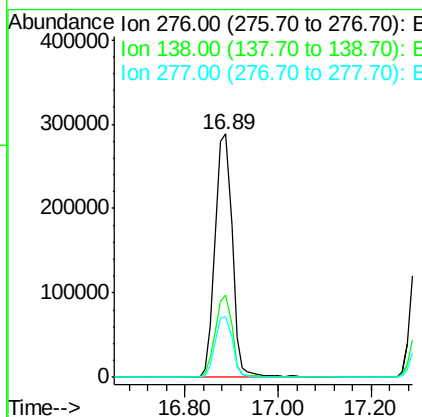
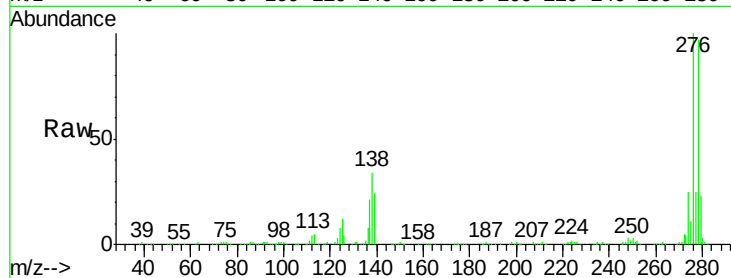
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.20 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6
277	25.1	20.2	30.4

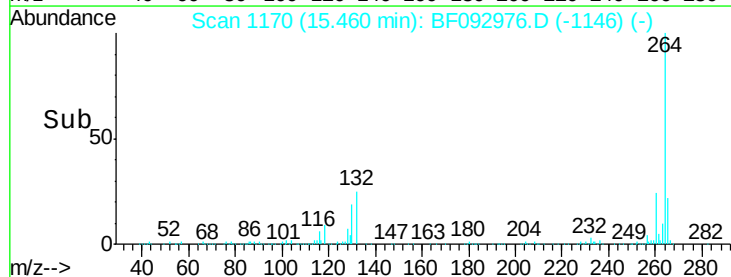
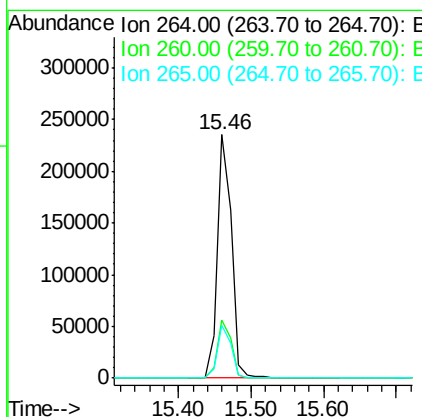
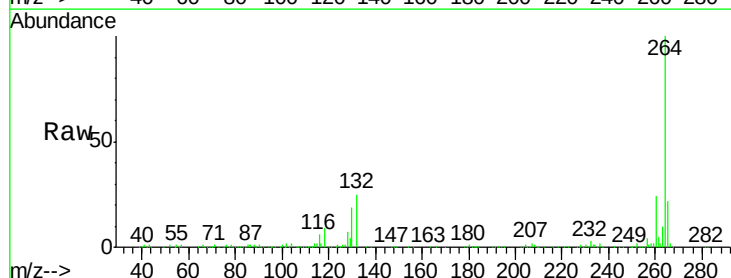
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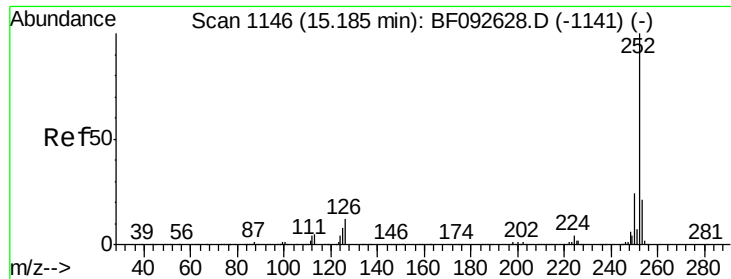
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.4	26.0





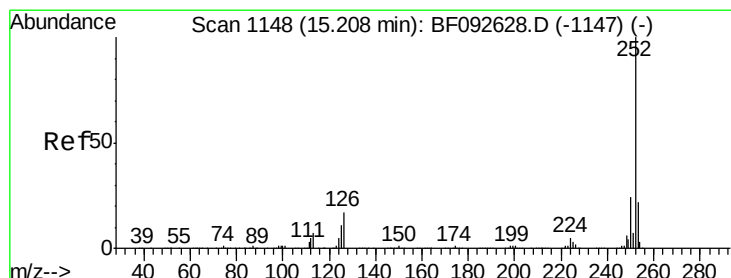
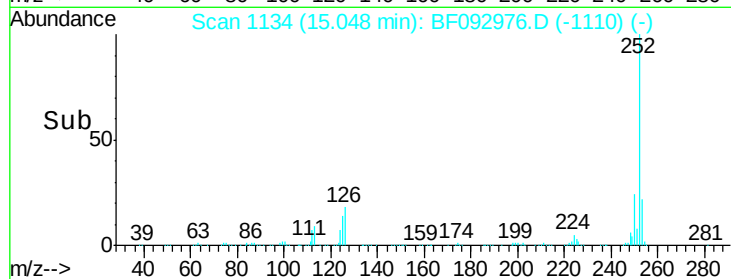
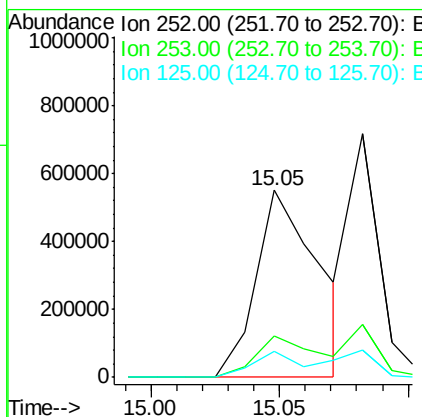
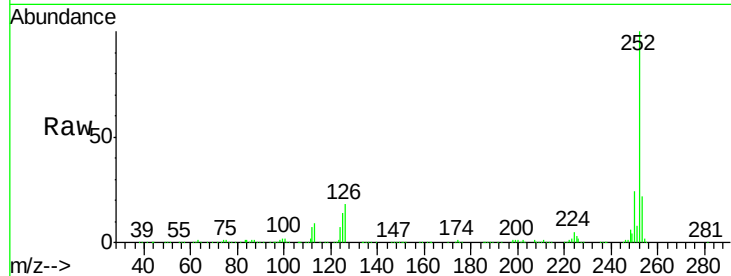
#87
Benzo(b)fluoranthene
Concen: 44.78 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	14.0	9.8	14.6

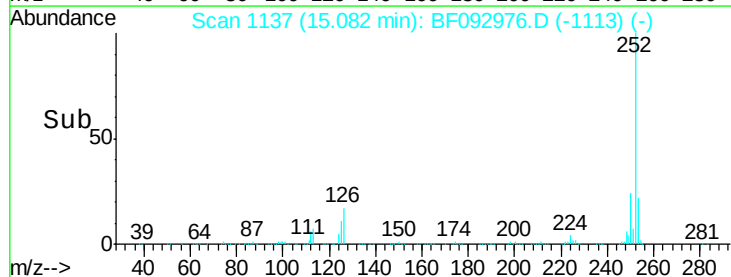
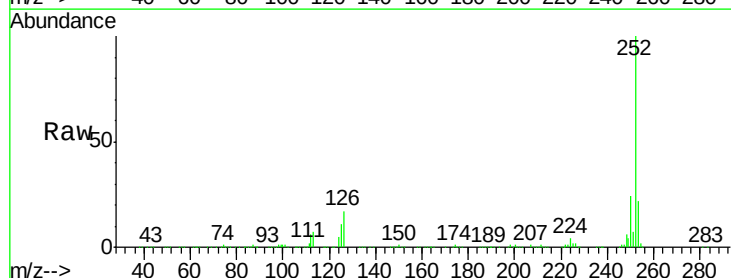
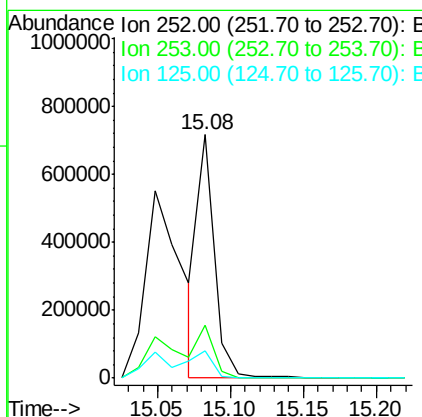
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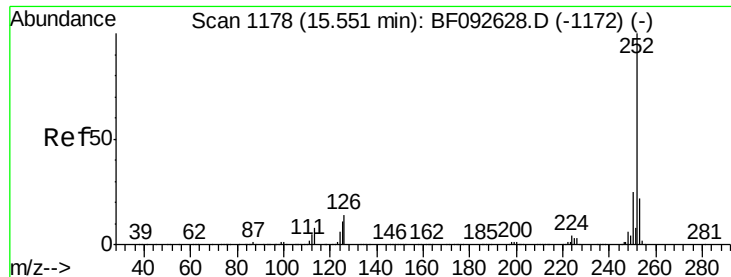
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#88
Benzo(k)fluoranthene
Concen: 32.54 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	11.4	8.9	13.3





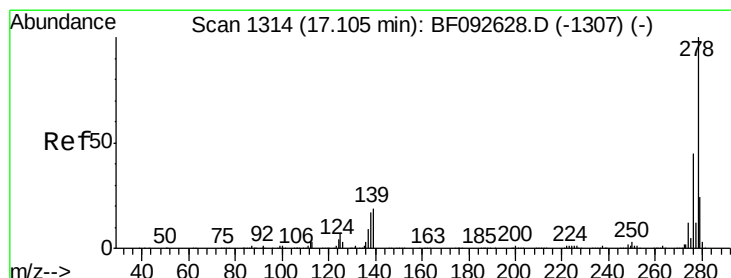
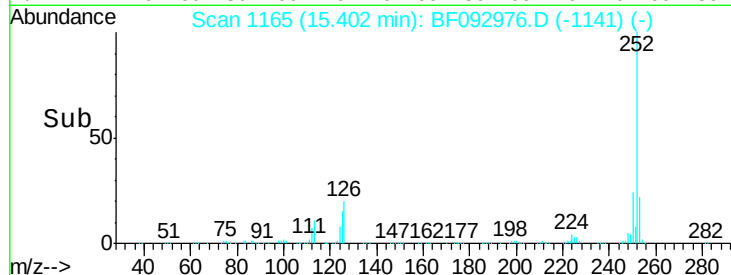
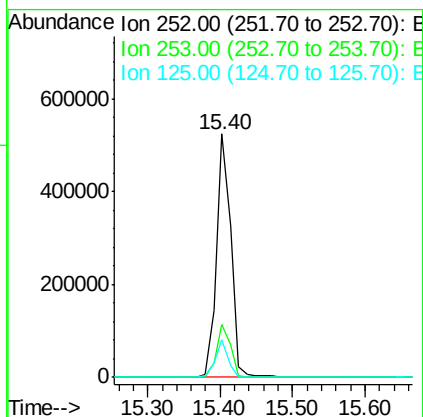
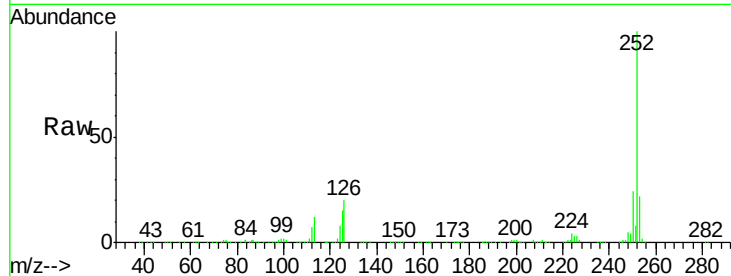
#89
Benzo(a)pyrene
Concen: 39.91 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	15.4	10.0	15.0#

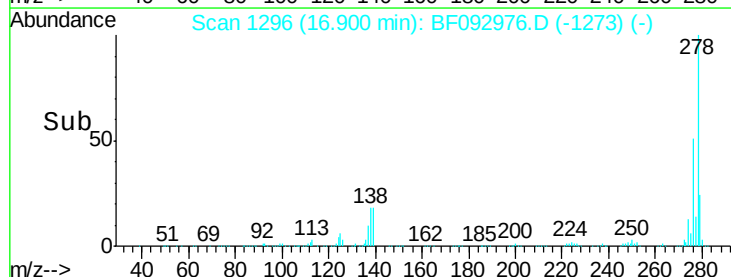
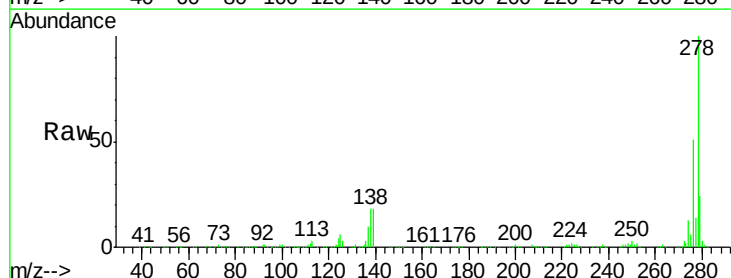
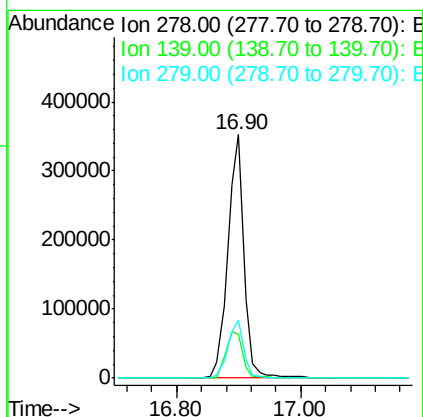
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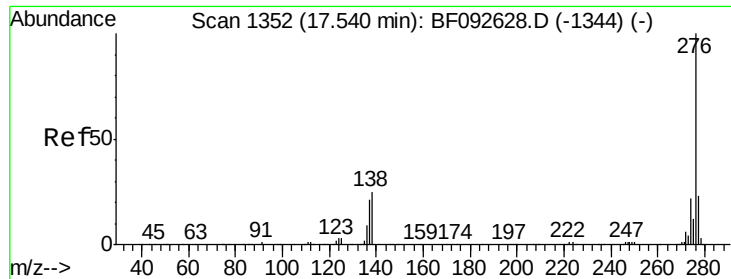
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#90
Dibenzo(a,h)anthracene
Concen: 43.69 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092976.D
Acq: 16 Feb 2017 5:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.8	22.2
279	23.6	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 43.40 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092976.D
 Acq: 16 Feb 2017 5:05

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		638548		
277	22.7	19.2	28.8		
138	27.3	16.0	24.0		

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