

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092942.D
 Acq On : 14 Feb 2017 14:26
 Operator : SJ/MA
 Sample : PB96923BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Manual Integrations
 APPROVED

mohammad
 2/15/2017 9:05:50 AM

Quant Time: Feb 14 17:46:10 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	135553	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	580568	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	313779	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	525584	20.00	ng	0.00
75) Chrysene-d12	14.03	240	396476	20.00	ng	-0.02
86) Perylene-d12	15.47	264	330957	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1169527	148.02	ng	0.01
7) Phenol-d6	6.52	99	1346903	132.49	ng	-0.01
23) Nitrobenzene-d5	7.45	82	841937	80.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	294225	129.65	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1529205	88.29	ng	0.00
78) Terphenyl-d14	12.98	244	1332405	78.96	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	164475	38.52	ng	# 85
3) Pyridine	3.29	79	453345	41.76	ng	86
4) n-Nitrosodimethylamine	3.24	42	226748	44.48	ng	86
6) Aniline	6.54	93	342030	24.66	ng	# 52
8) 2-Chlorophenol	6.67	128	405933	46.57	ng	92
9) Benzaldehyde	6.42	77	92056	12.64	ng	# 83
10) Phenol	6.53	94	464547	39.06	ng	86
11) bis(2-Chloroethyl)ether	6.61	93	389754	41.05	ng	88
12) 1,3-Dichlorobenzene	6.82	146	448284m	43.91	ng	
13) 1,4-Dichlorobenzene	6.90	146	473668	45.84	ng	95
14) 1,2-Dichlorobenzene	7.05	146	407820	41.27	ng	99
15) Benzyl Alcohol	7.02	79	330361	43.89	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	680735	41.27	ng	92
17) 2-Methylphenol	7.14	107	343663	45.96	ng	97
18) Hexachloroethane	7.39	117	151136	42.85	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	286611	44.29	ng	97
20) 3+4-Methylphenols	7.30	107	415367	46.46	ng	97
22) Acetophenone	7.29	105	531602	40.10	ng	# 94
24) Nitrobenzene	7.47	77	469032	43.81	ng	# 87
25) Isophorone	7.71	82	820557	42.24	ng	99
26) 2-Nitrophenol	7.78	139	214972	42.24	ng	96
27) 2,4-Dimethylphenol	7.82	122	385412	43.13	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	506415	39.36	ng	98
29) 2,4-Dichlorophenol	8.03	162	376568	45.18	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	381933	42.52	ng	97
31) Naphthalene	8.19	128	1220988	41.49	ng	99
32) Benzoic acid	7.96	122	189122	38.94	ng	91
33) 4-Chloroaniline	8.24	127	181652	15.74	ng	98
34) Hexachlorobutadiene	8.30	225	198713	40.21	ng	100
35) Caprolactam	8.61	113	120298m	45.88	ng	
36) 4-Chloro-3-methylphenol	8.73	107	373170	42.94	ng	95
37) 2-Methylnaphthalene	8.88	142	770305	40.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	363024	41.22	ng	99
40) Hexachlorocyclopentadiene	9.02	237	222026	55.87	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	260791	45.06	ng	92
43) 2,4,5-Trichlorophenol	9.21	196	265615m	41.89	ng	
45) 1,1'-Biphenyl	9.34	154	995432	43.81	ng	99
46) 2-Chloronaphthalene	9.37	162	792098	44.56	ng	98
47) 2-Nitroaniline	9.46	65	243921	40.82	ng	92
48) Acenaphthylene	9.78	152	1176969	38.33	ng	99
49) Dimethylphthalate	9.64	163	849066	40.17	ng	98
50) 2,6-Dinitrotoluene	9.71	165	218819	47.94	ng	# 88
51) Acenaphthene	9.95	154	687699	37.46	ng	98
52) 3-Nitroaniline	9.87	138	121514	23.26	ng	93
53) 2,4-Dinitrophenol	9.98	184	183438	79.06	ng	# 72
54) Dibenzofuran	10.12	168	999096	40.69	ng	97
55) 4-Nitrophenol	10.05	139	327259	86.99	ng	# 72
56) 2,4-Dinitrotoluene	10.11	165	252273	41.52	ng	96
57) Fluorene	10.46	166	793495	42.00	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	207606	49.08	ng	94
59) Diethylphthalate	10.34	149	820330	41.19	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	340581	37.53	ng	95
61) 4-Nitroaniline	10.49	138	194457	36.35	ng	93
62) Azobenzene	10.61	77	927507	45.07	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	147336	46.16	ng	95
65) n-Nitrosodiphenylamine	10.58	169	729778	43.47	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	224185	40.83	ng	96
67) Hexachlorobenzene	11.01	284	235768	43.45	ng	99
68) Atrazine	11.10	200	222542	41.30	ng	99
69) Pentachlorophenol	11.21	266	239033	84.85	ng	97
70) Phenanthrene	11.42	178	1189476	39.50	ng	99
71) Anthracene	11.47	178	1240756	41.03	ng	99
72) Carbazole	11.63	167	1011299	34.99	ng	99
73) Di-n-butylphthalate	11.96	149	1445282	46.23	ng	# 97
74) Fluoranthene	12.61	202	1282258	41.28	ng	93
76) Benzidine	12.73	184	315212	18.66	ng	97
77) Pyrene	12.84	202	1304238	43.96	ng	99
79) Butylbenzylphthalate	13.46	149	602256	49.98	ng	# 73
80) Benzo(a)anthracene	14.02	228	976233	40.26	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	220655	25.53	ng	# 97
82) Chrysene	14.07	228	1019897	44.92	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	762167	46.25	ng	99
84) Di-n-octyl phthalate	14.63	149	1385133	51.62	ng	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	734349	41.76	ng	95
87) Benzo(b)fluoranthene	15.06	252	934003	42.88	ng	97
88) Benzo(k)fluoranthene	15.08	252	784589m	41.71	ng	
89) Benzo(a)pyrene	15.41	252	812207	43.10	ng	97
90) Dibenzo(a,h)anthracene	16.90	278	611468	40.15	ng	98
91) Benzo(g,h,i)perylene	17.31	276	610881	39.71	ng	# 91

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

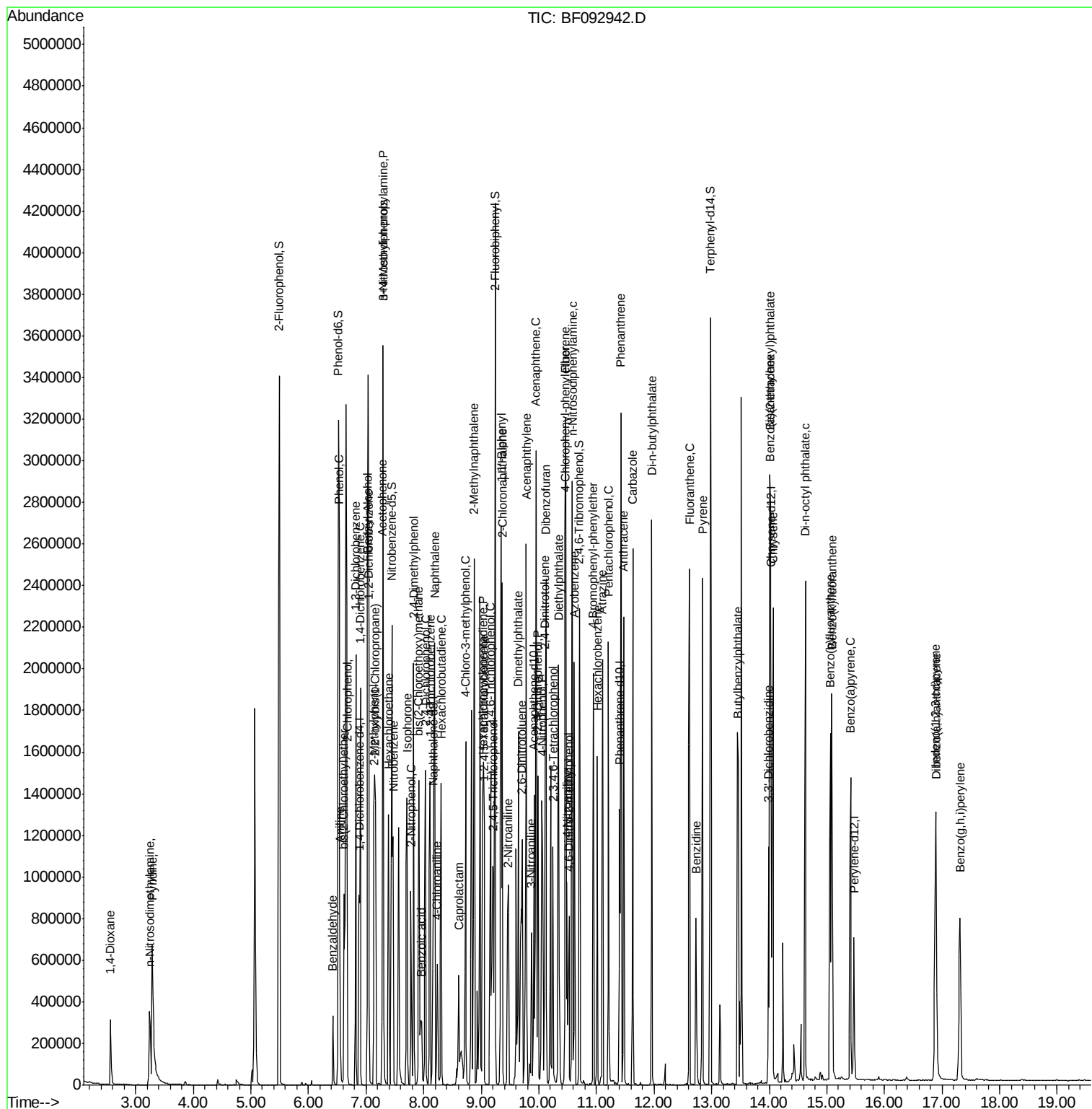
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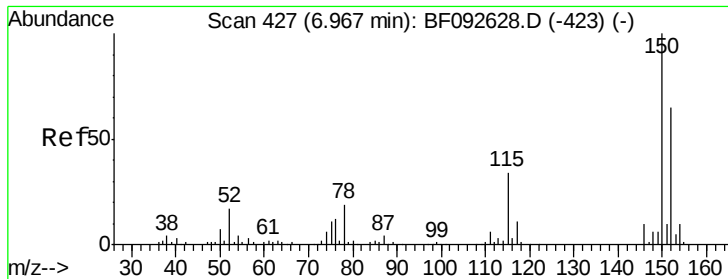
Instrument :
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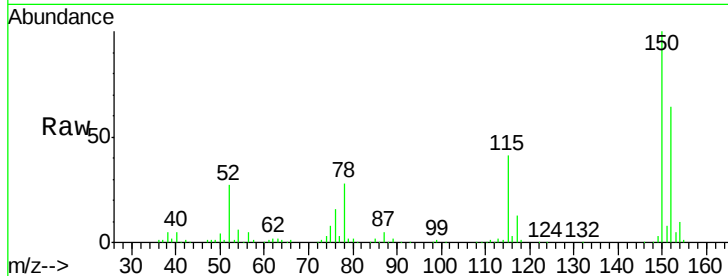




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

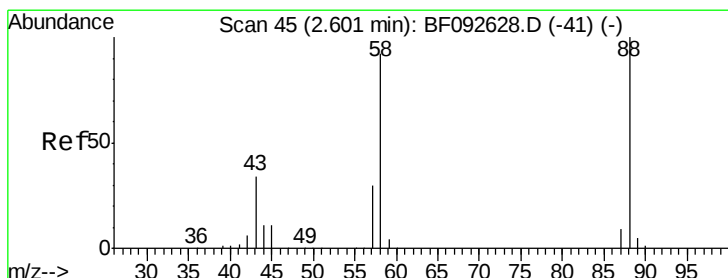
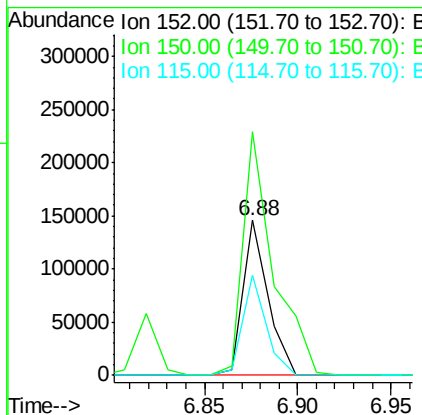
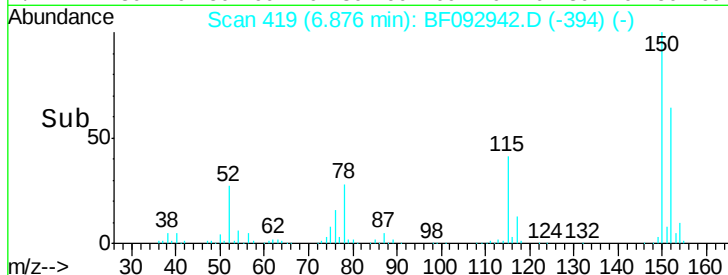
Instrument :
BNA_F
ClientSampleId :
PB96923BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	64.6	46.0	69.0

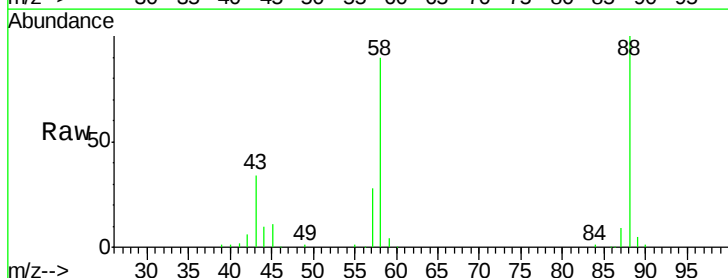
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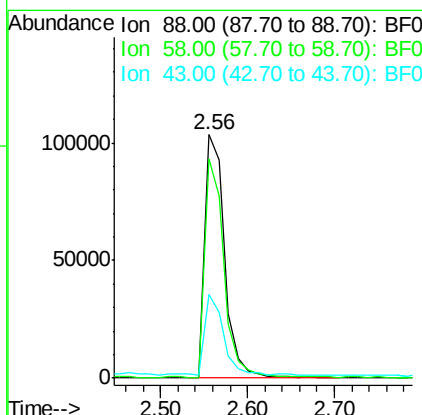
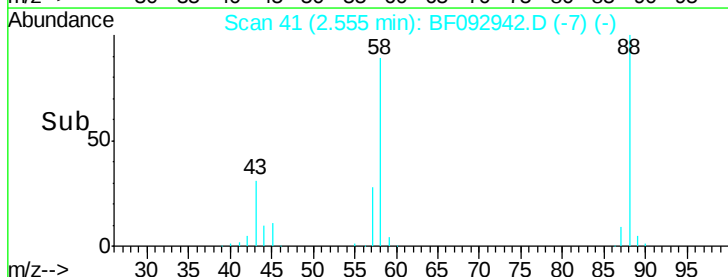


#2

1,4-Dioxane
Concen: 38.52 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.09 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26



Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	57.8	86.8
43	33.5	22.3	33.5#





#3

Pyridine

Concen: 41.76 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

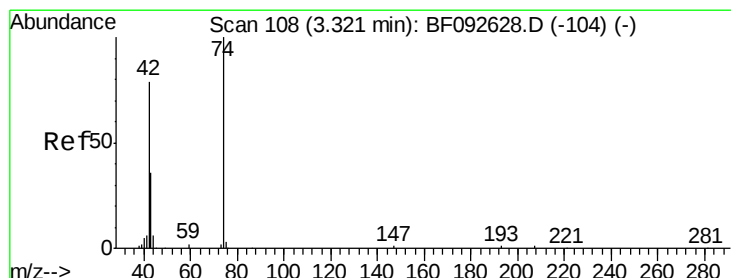
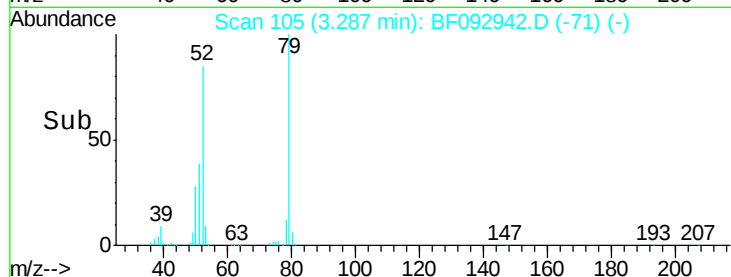
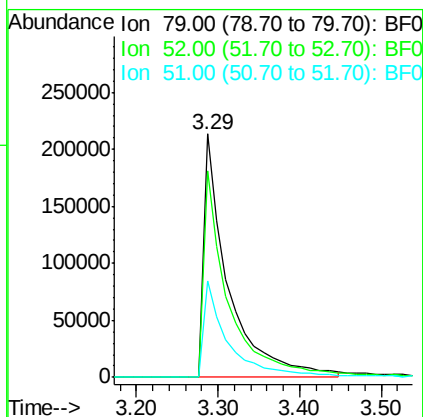
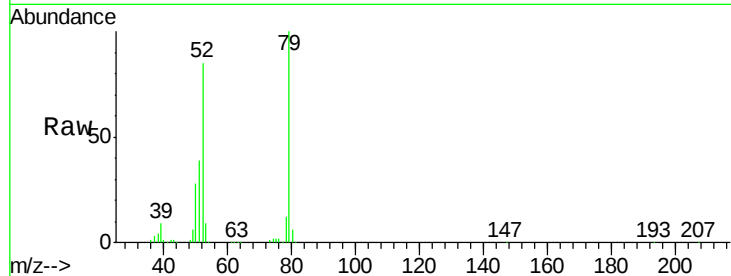
ClientSampleId :

PB96923BS

Tgt Ion:	79	Resp:	453345
Ion	Ratio	Lower	Upper
79	100		
52	84.8	57.1	85.7
51	39.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 44.48 ng

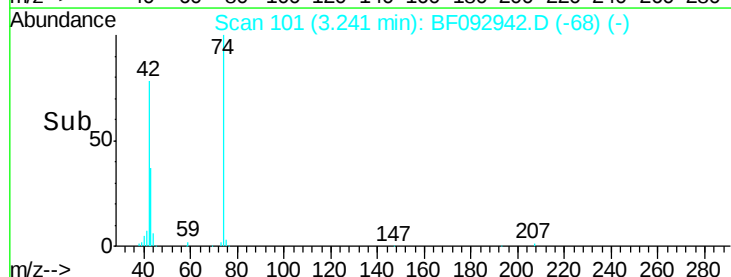
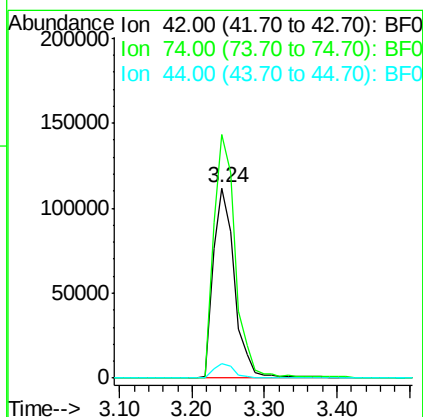
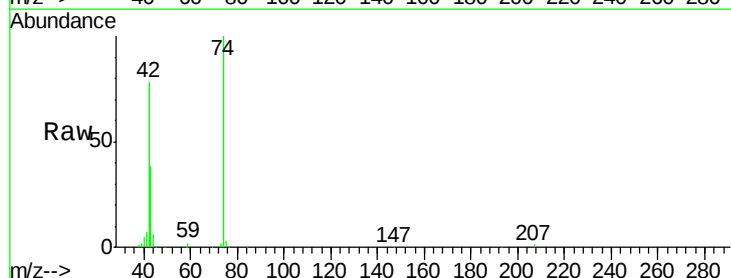
RT: 3.24 min Scan# 101

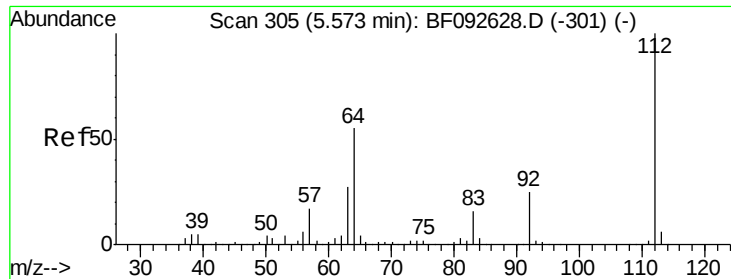
Delta R.T. 0.08 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:	42	Resp:	226748
Ion	Ratio	Lower	Upper
42	100		
74	128.1	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 148.02 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

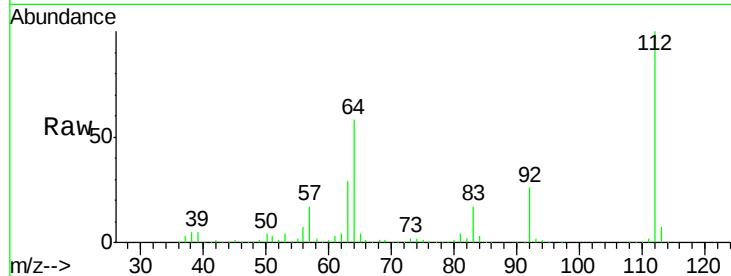
ClientSampleId :

PB96923BS

Tgt Ion:	112	Resp:	1169527
Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.1	69.1
63	28.8	23.8	35.6

Manual Integrations
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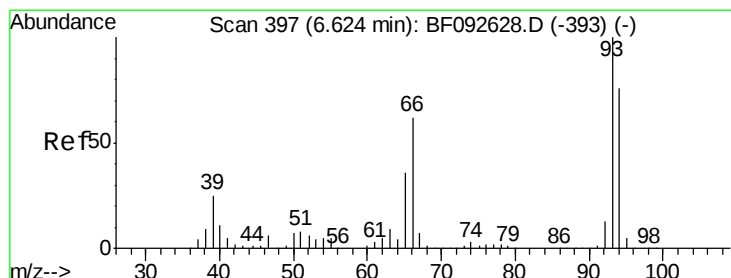
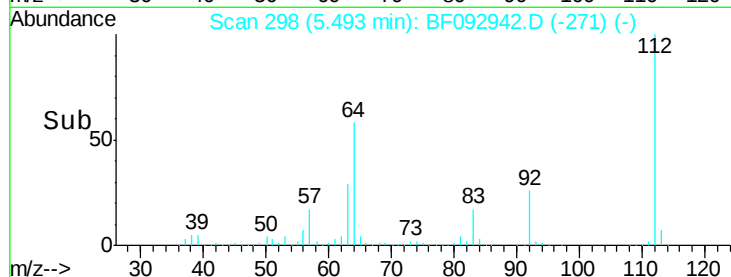
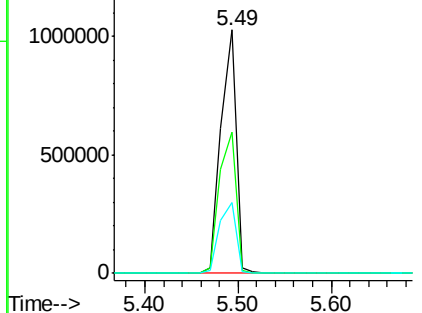
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.66 ng

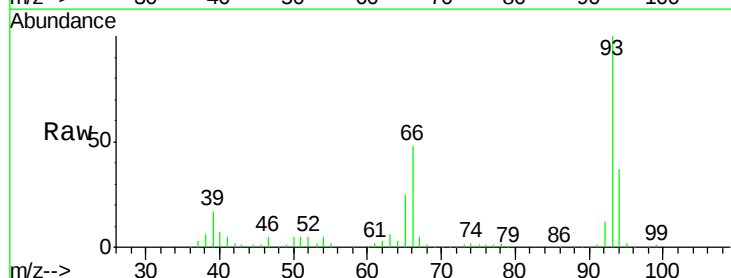
RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

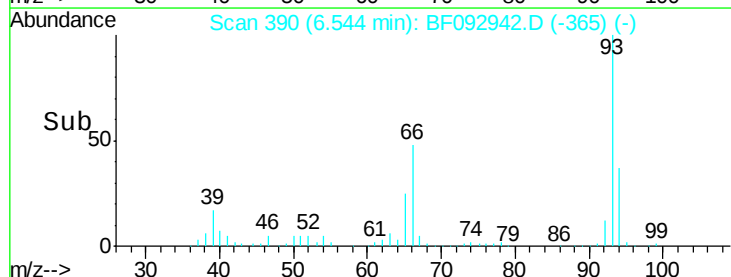
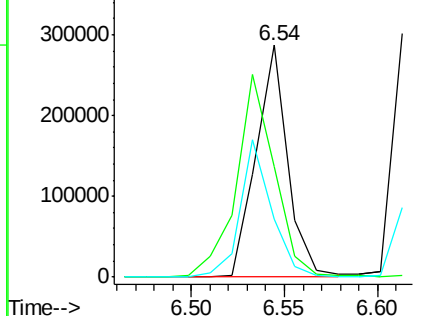
Tgt Ion:	93	Resp:	342030
Ion	Ratio	Lower	Upper
93	100		
66	47.8	76.2	114.2#
65	25.2	49.3	73.9#

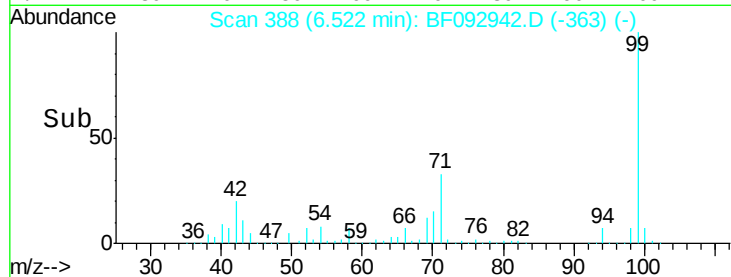
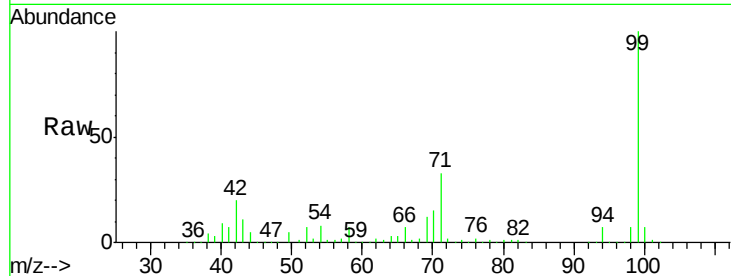
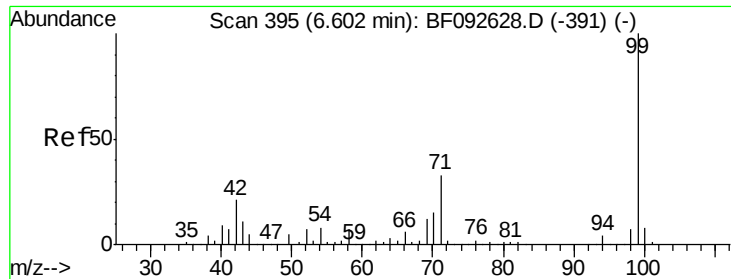


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.49 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:	99	Resp:	1346903
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	32.9	27.5	41.3

Instrument :

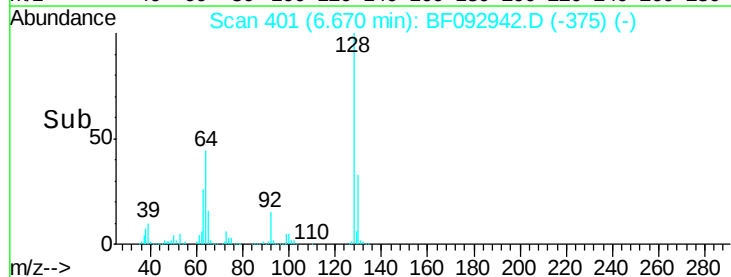
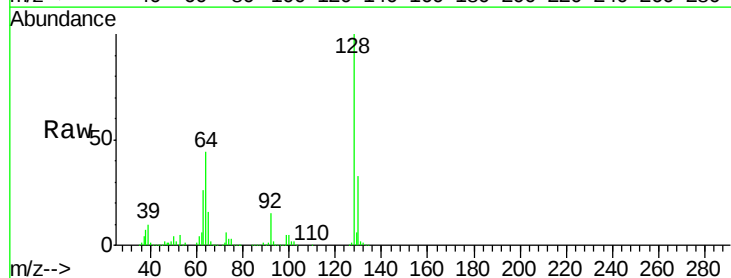
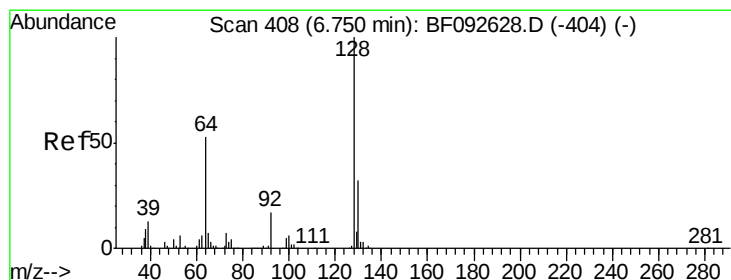
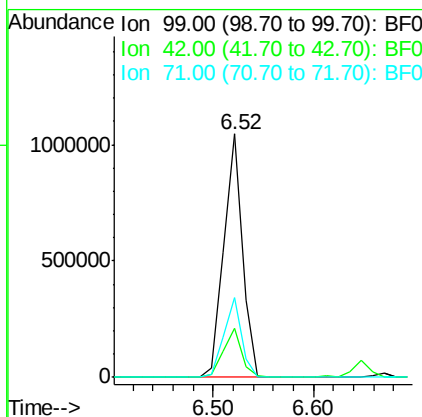
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ClientSampled :

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#8

2-Chlorophenol

Concen: 46.57 ng

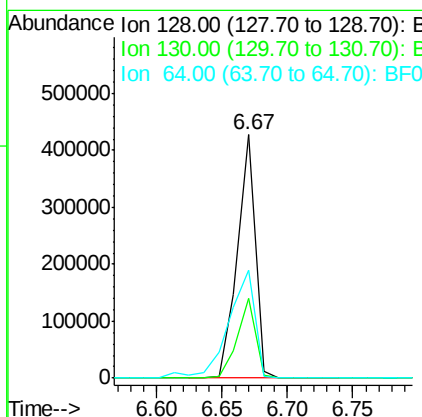
RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:	128	Resp:	405933
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	44.1	32.2	72.2





#9

Benzaldehyde

Concen: 12.64 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

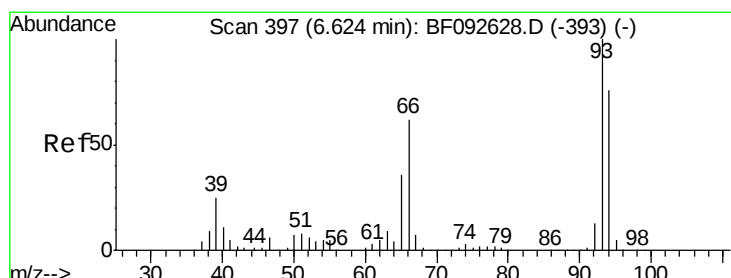
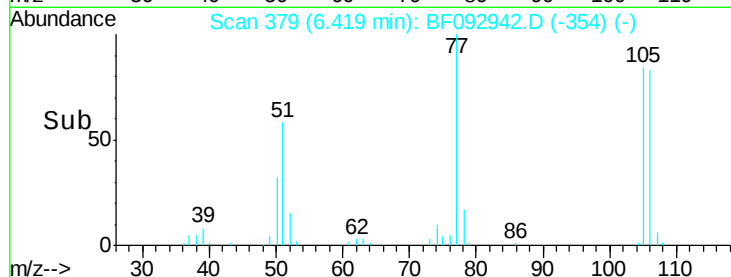
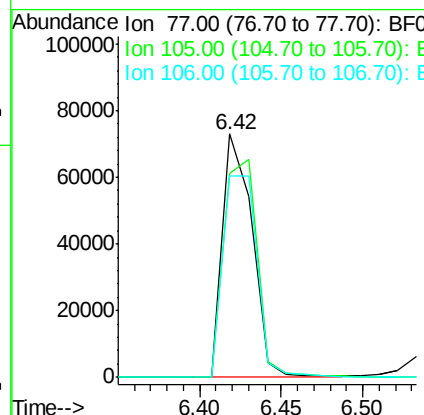
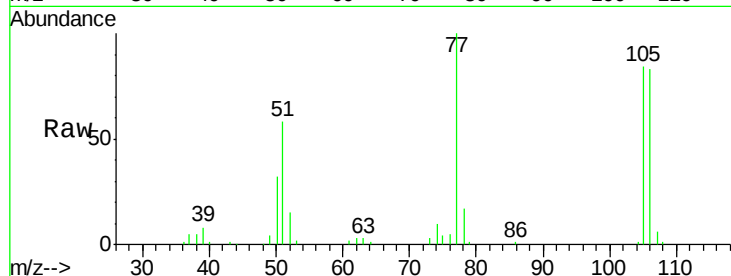
ClientSampleId :

PB96923BS

Tgt Ion:	77	Resp:	92056
Ion	Ratio	Lower	Upper
77	100		
105	83.8	83.9	123.9#
106	82.7	77.6	117.6

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#10

Phenol

Concen: 39.06 ng

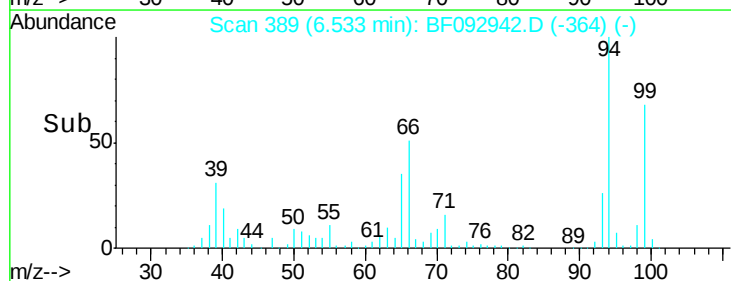
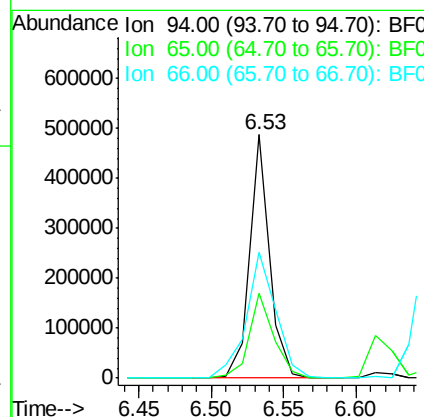
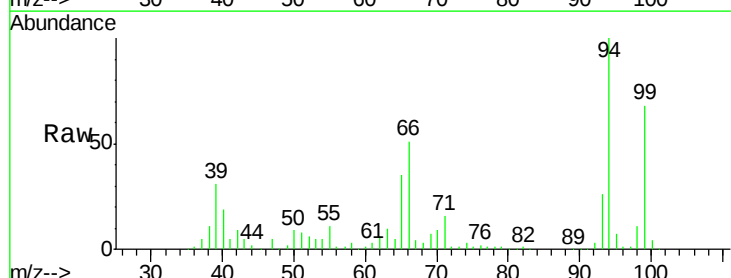
RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:	94	Resp:	464547
Ion	Ratio	Lower	Upper
94	100		
65	35.0	21.4	61.4
66	51.4	44.0	84.0





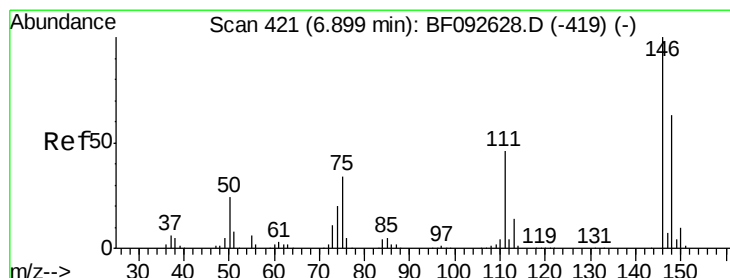
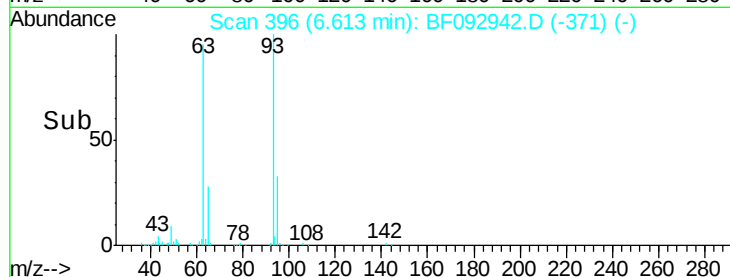
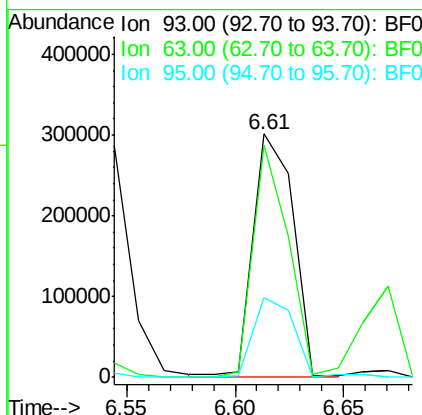
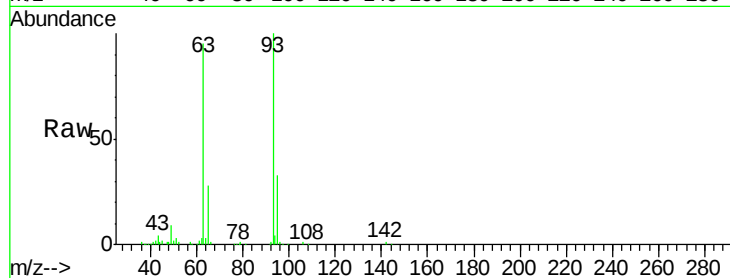
#11
bis(2-Chloroethyl)ether
Concen: 41.05 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	389754		
63	95.5	60.4	100.4	
95	32.6	12.8	52.8	

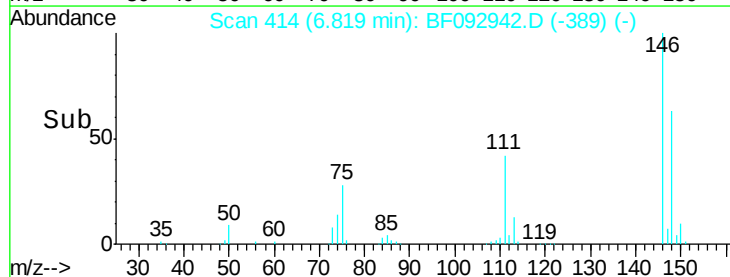
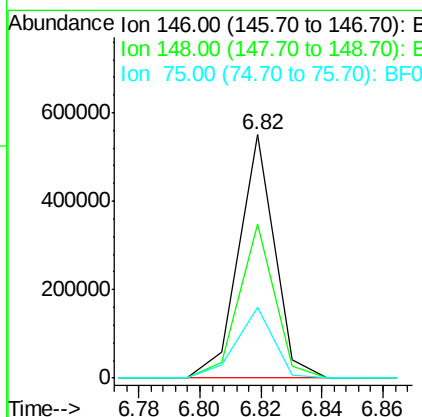
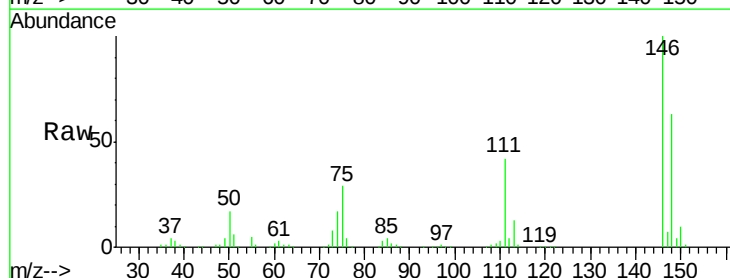
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 43.91 ng m
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	448284		
148	63.1	53.4	80.0	
75	28.8	18.5	27.7#	





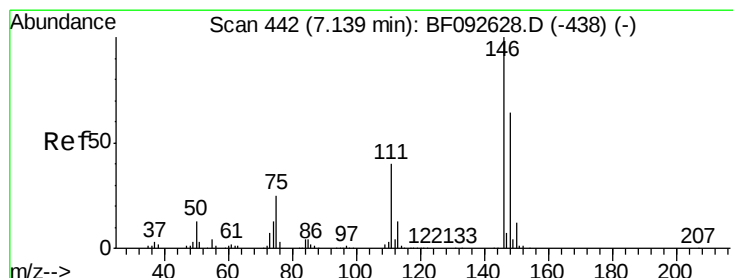
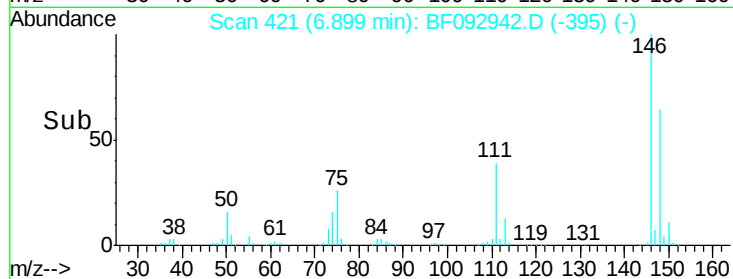
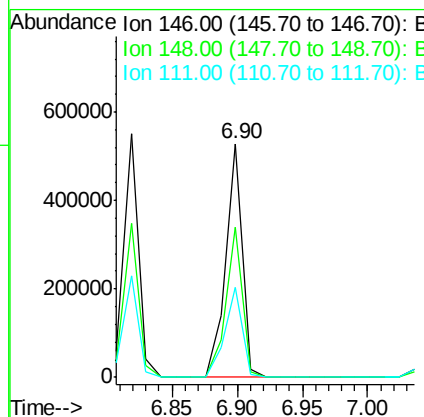
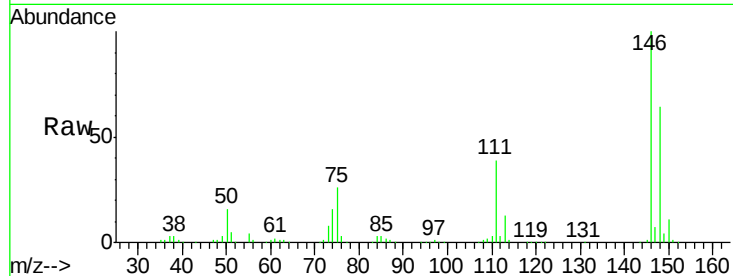
#13
 1,4-Dichlorobenzene
 Concen: 45.84 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	76.0
111	38.6	36.2	54.4

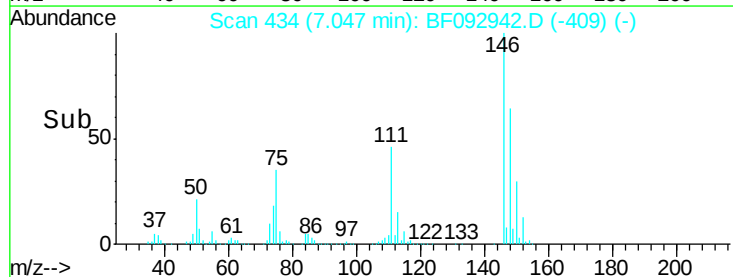
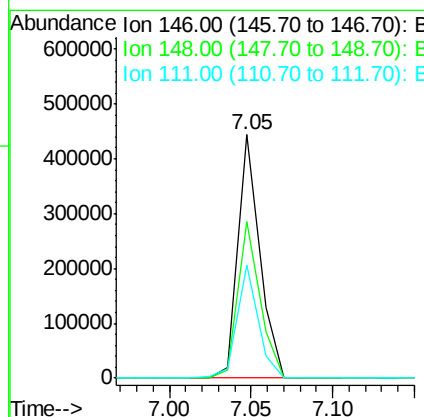
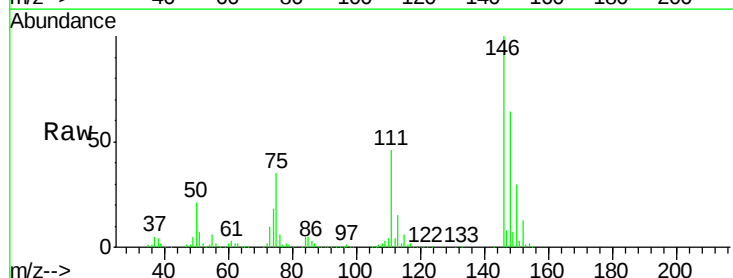
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	46.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 43.89 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

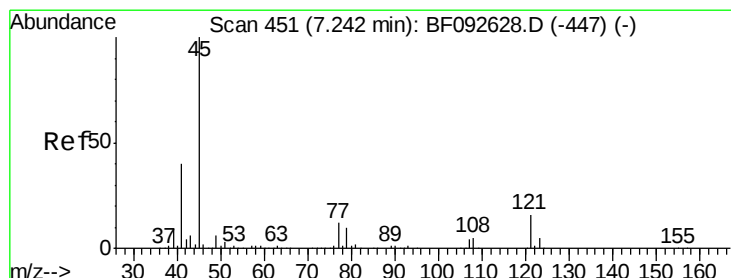
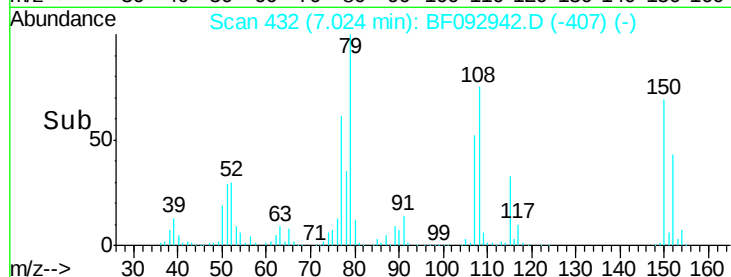
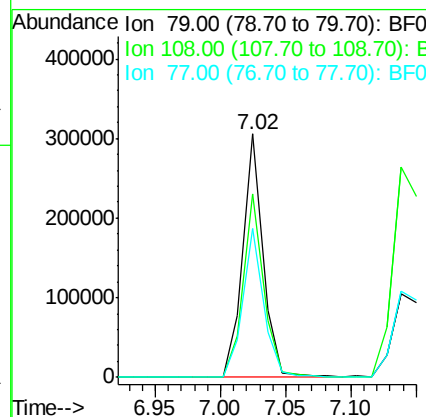
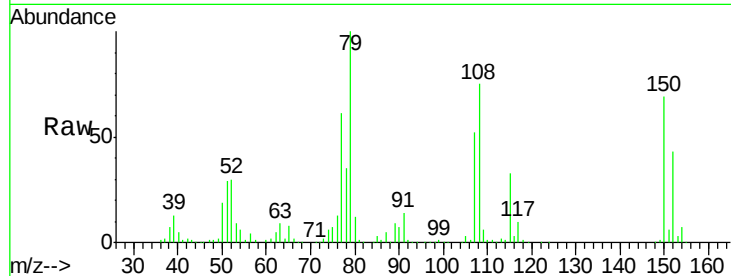
ClientSampleId :

PB96923BS

Tgt Ion:	79	Resp:	330361
Ion Ratio	Lower	Upper	
79	100		
108	75.3	61.4	92.0
77	61.0	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.27 ng

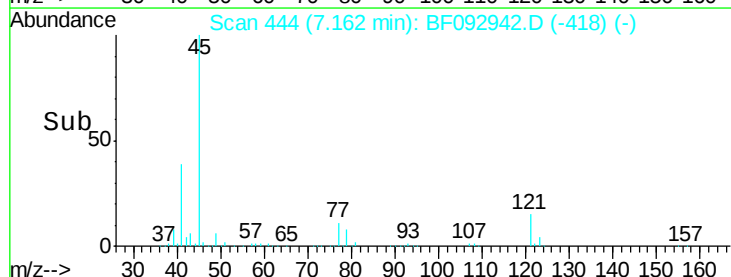
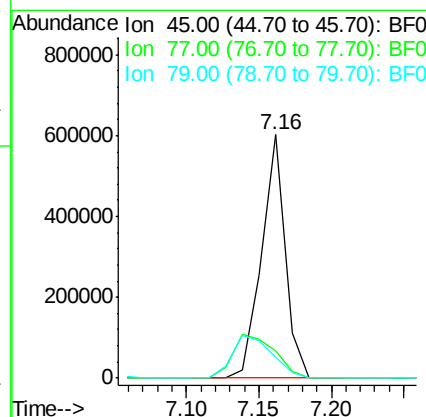
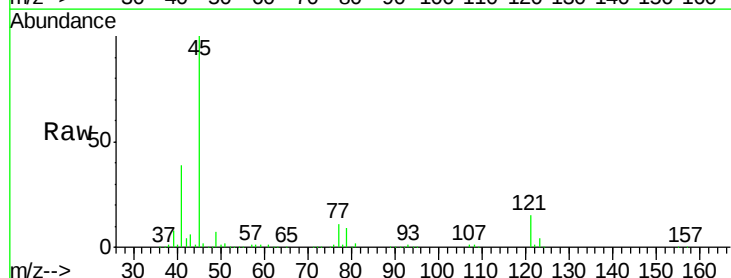
RT: 7.16 min Scan# 444

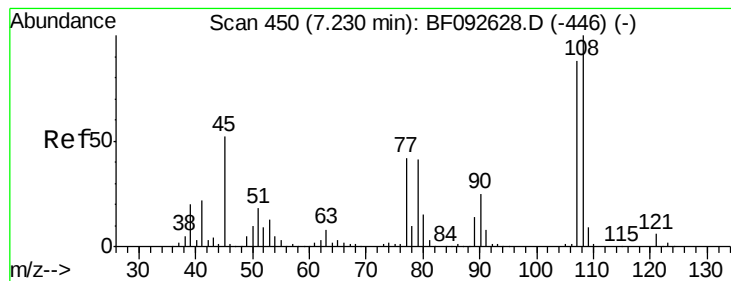
Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

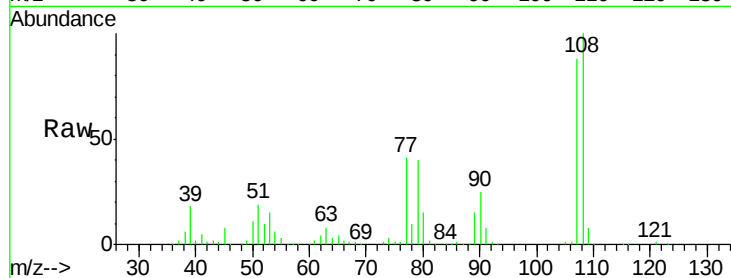
Tgt Ion:	45	Resp:	680735
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	34.6
79	8.5	0.0	31.2





#17
2-Methylphenol
Concen: 45.96 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

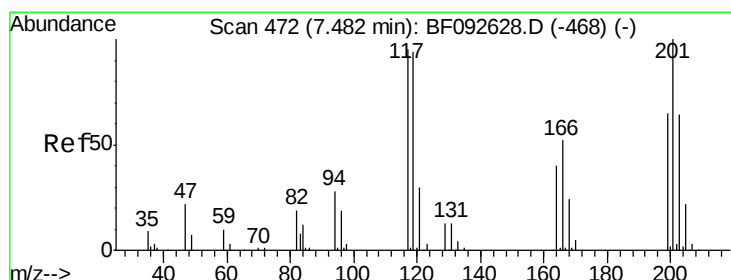
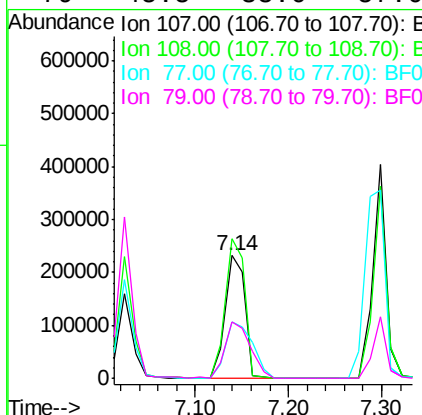
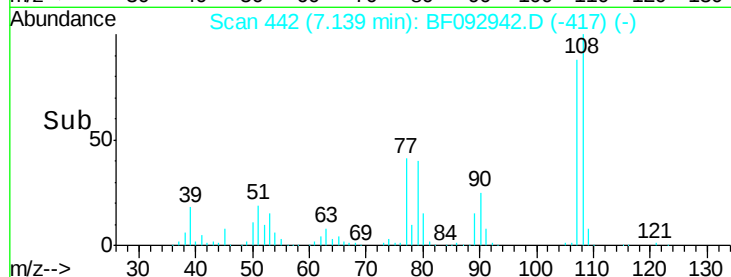
Instrument :
BNA_F
ClientSampleId :
PB96923BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	343663		
108	114.2	93.0	139.6	
77	46.4	39.8	59.8	
79	45.5	38.0	57.0	

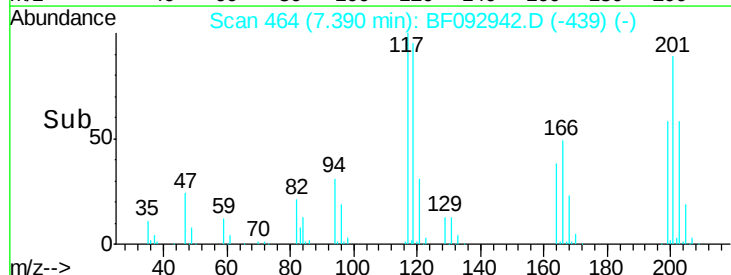
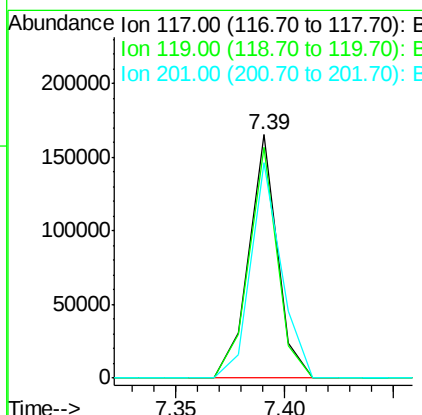
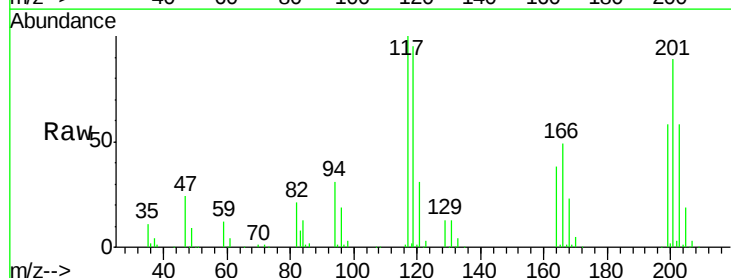
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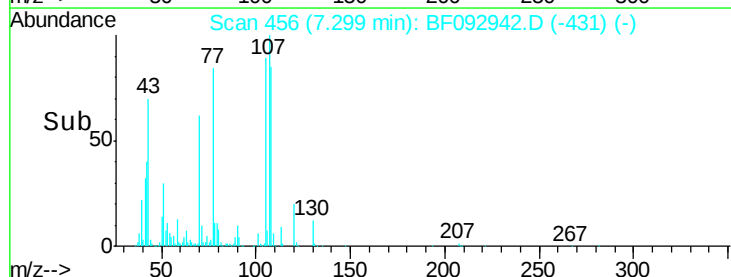
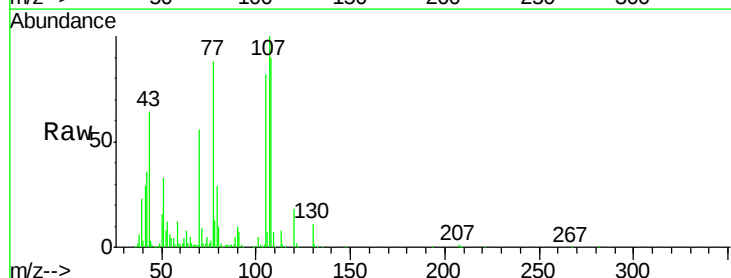
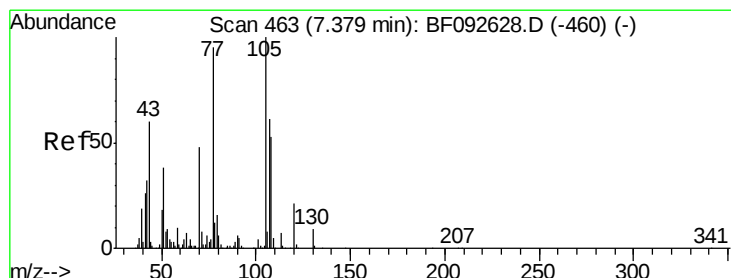
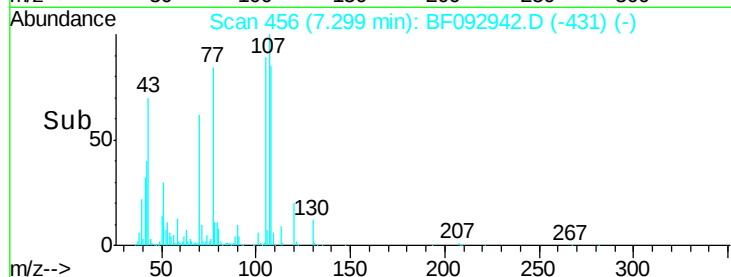
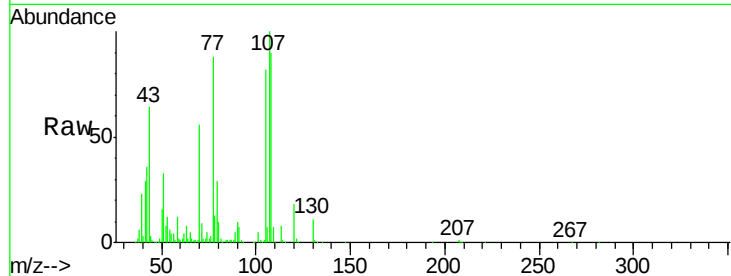
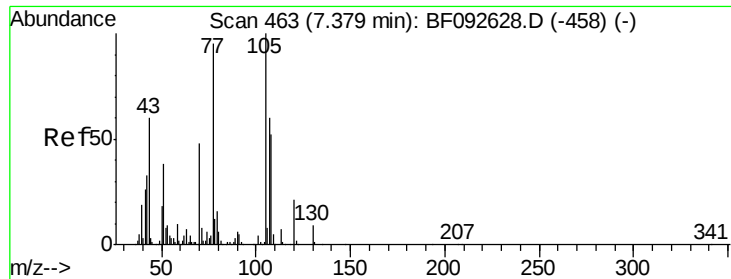
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#18
Hexachloroethane
Concen: 42.85 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

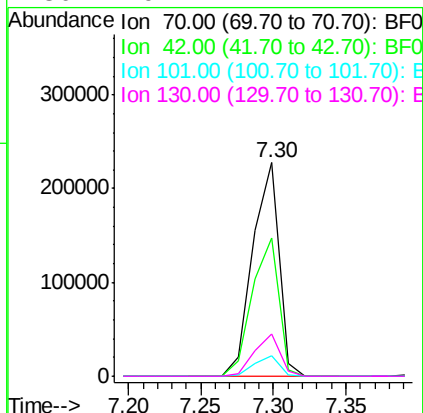
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	151136		
119	94.7	78.1	117.1	
201	88.7	78.6	117.8	





#19
n-Nitroso-di-n-propylamine
Concen: 44.29 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	286611		
42	64.5	49.4	74.0	
101	9.5	7.4	11.2	
130	19.7	14.2	21.4	



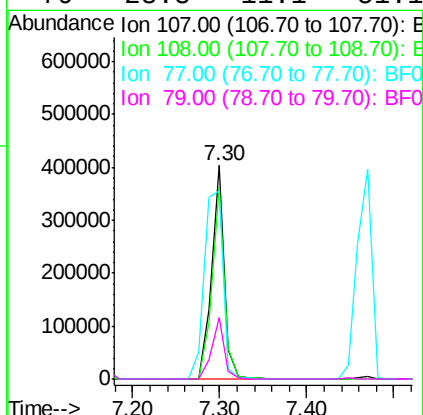
Instrument :
BNA_F
ClientSampleId :
PB96923BS

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#20
3+4-Methylphenols
Concen: 46.46 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	415367		
108	89.9	73.0	113.0	
77	88.3	71.3	111.3	
79	28.8	11.1	51.1	





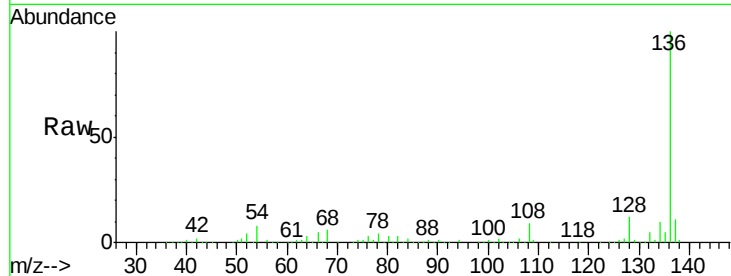
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	8.4	12.6
54	8.3	4.5	6.7#
68	6.2	3.6	5.4#

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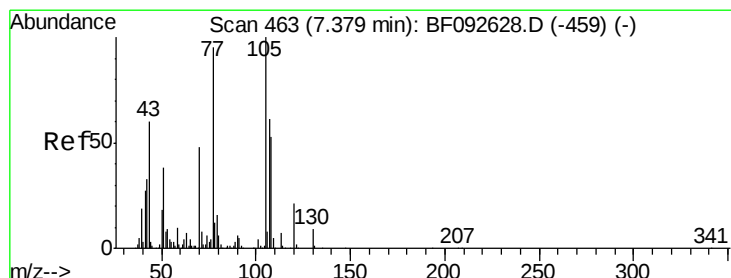
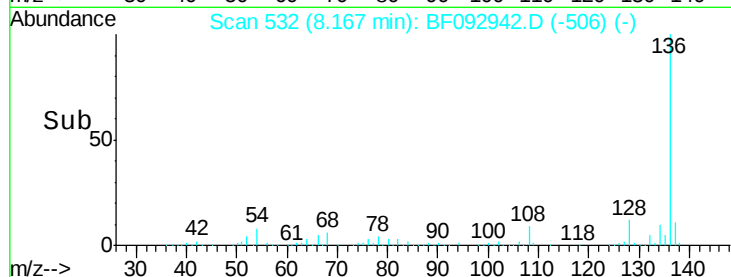
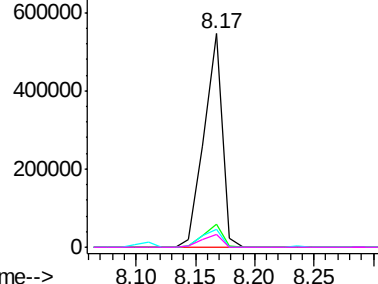
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 40.10 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	7.0	3.2	4.8#
51	37.7	26.2	39.4
120	20.8	16.6	24.8

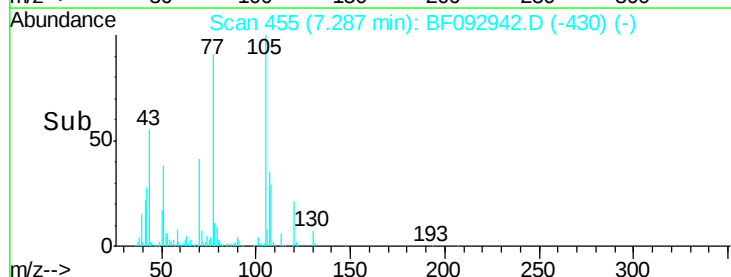
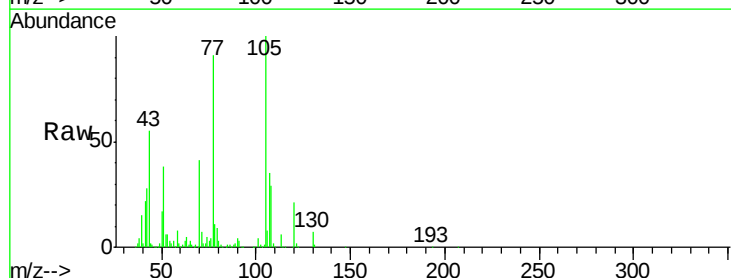
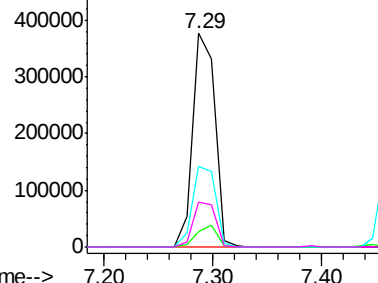
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





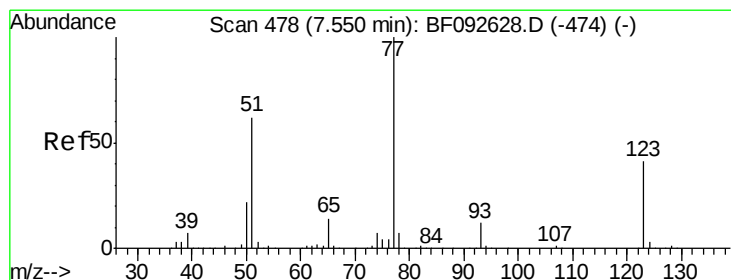
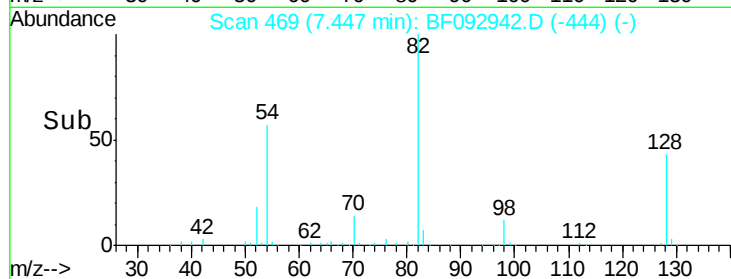
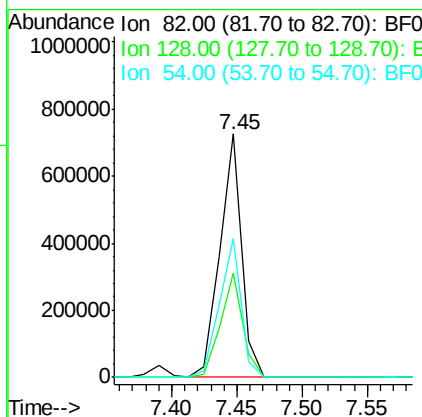
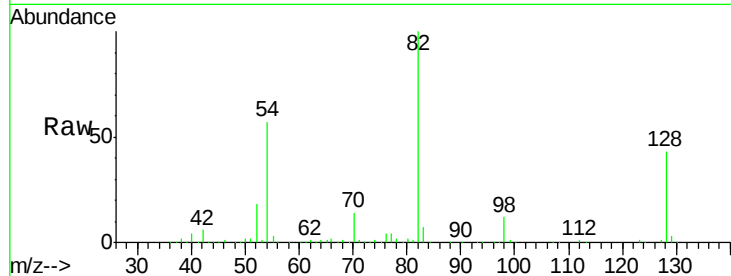
#23
Nitrobenzene-d5
Concen: 80.76 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	841937		
128	43.0	34.6	52.0	
54	57.0	39.5	59.3	

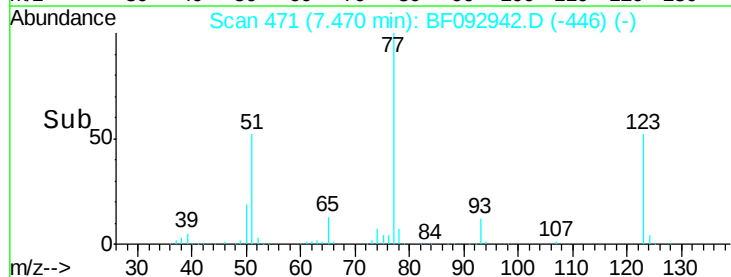
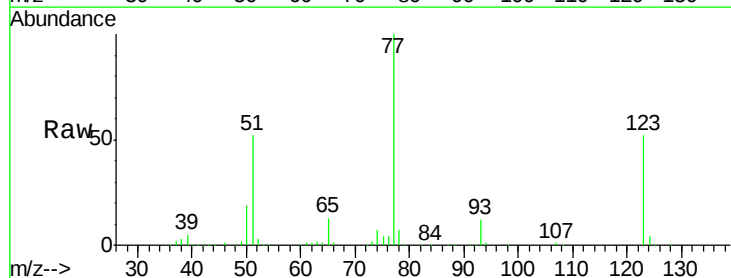
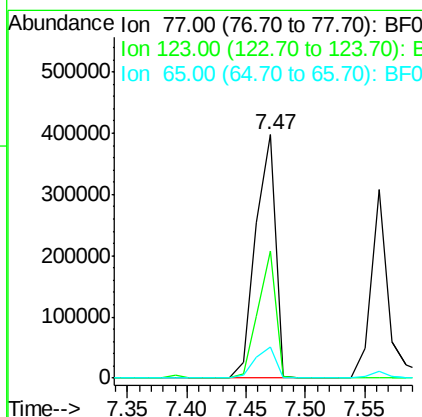
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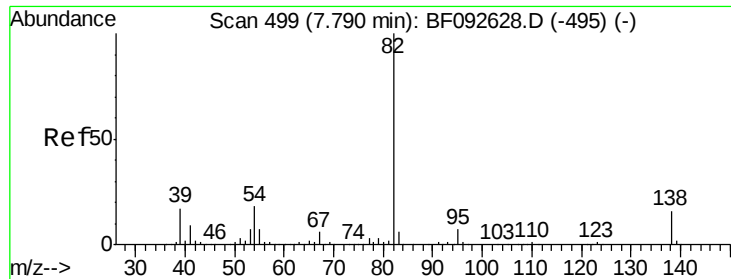
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#24
Nitrobenzene
Concen: 43.81 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	469032		
123	52.0	33.0	49.4#	
65	12.9	11.2	16.8	





#25

Isophorone

Concen: 42.24 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

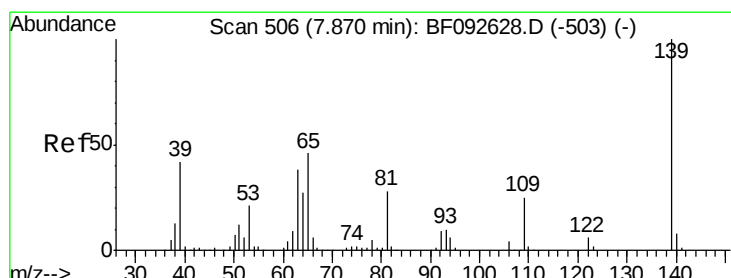
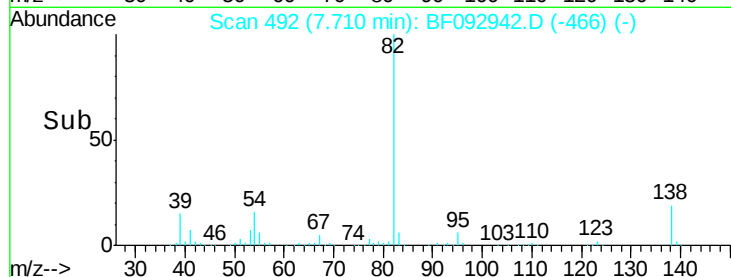
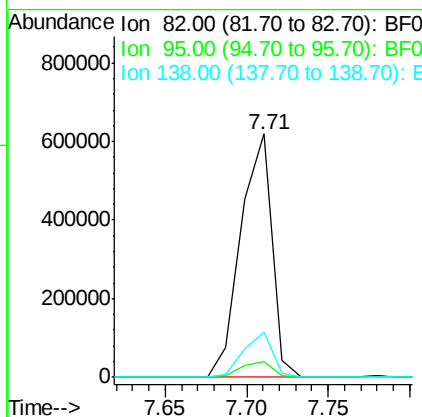
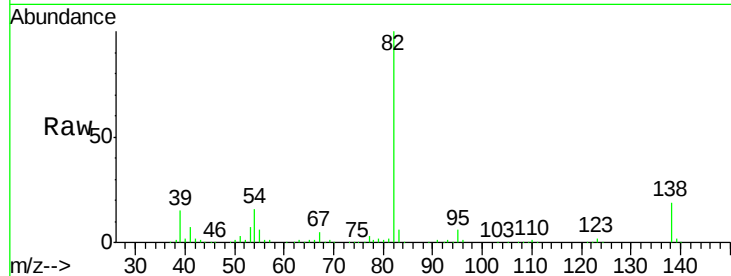
ClientSampleId :

PB96923BS

Tgt Ion:	82	Resp:	820557
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.6	8.4
138	18.6	14.6	22.0

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#26

2-Nitrophenol

Concen: 42.24 ng

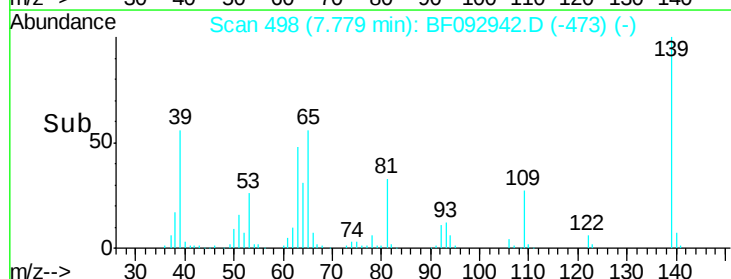
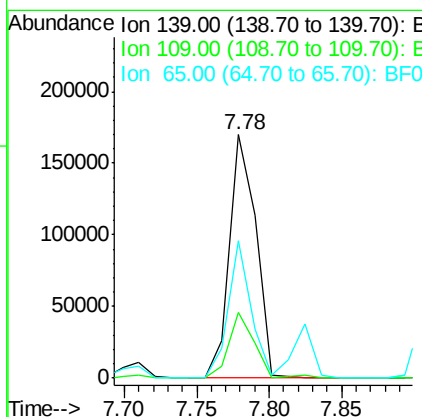
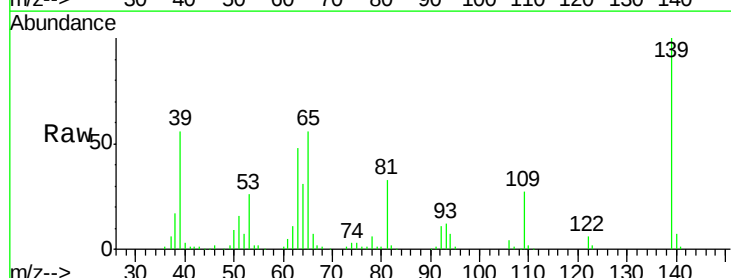
RT: 7.78 min Scan# 498

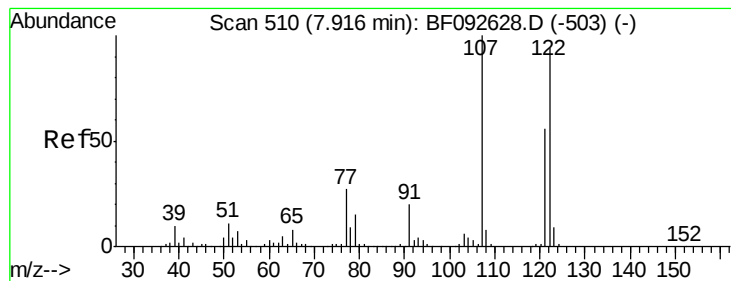
Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:	139	Resp:	214972
Ion Ratio		Lower	Upper
139	100		
109	26.8	23.3	34.9
65	56.3	42.7	64.1





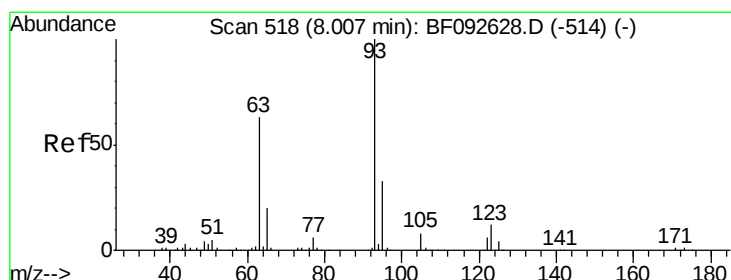
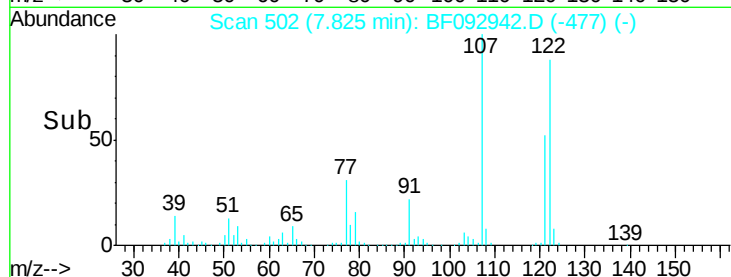
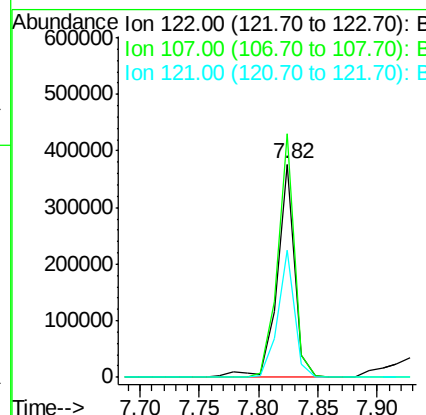
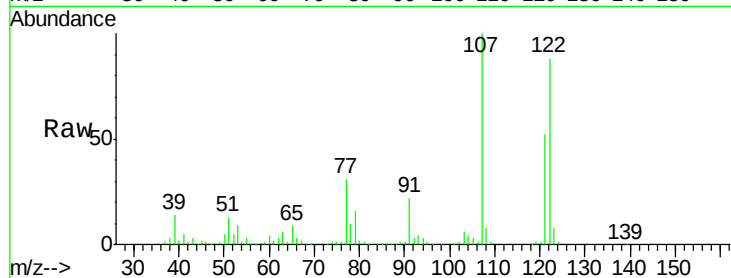
#27
2,4-Dimethylphenol
Concen: 43.13 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	385412		
107	114.1	94.1	141.1	
121	59.6	46.0	69.0	

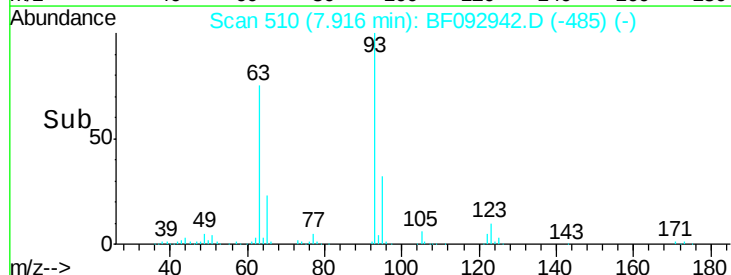
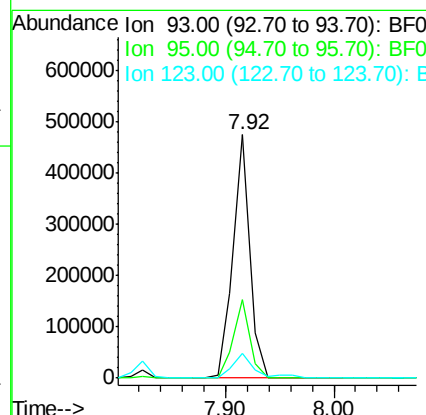
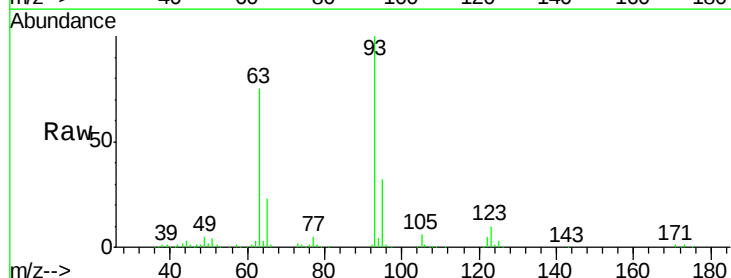
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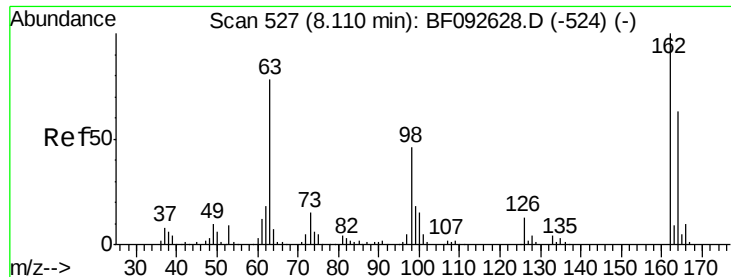
mohammad
2/15/2017 9:05:50 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.36 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	506415		
95	32.2	26.5	39.7	
123	9.9	8.6	13.0	





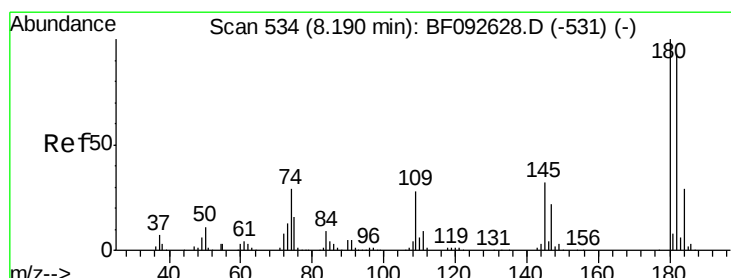
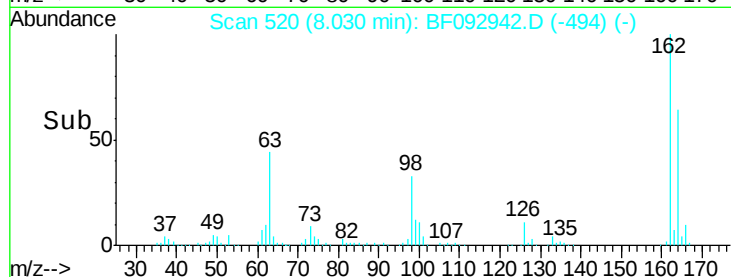
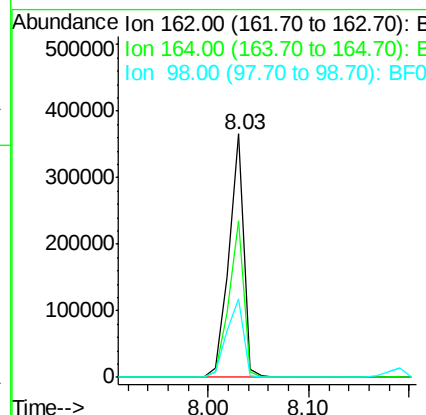
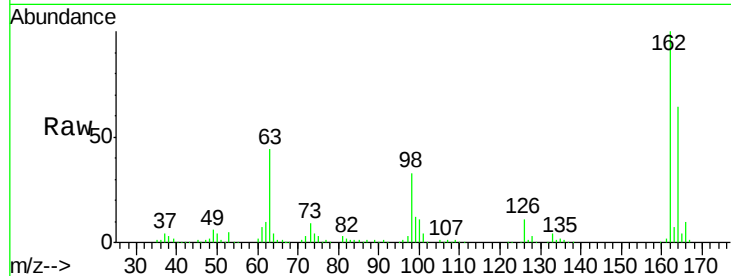
#29
 2,4-Dichlorophenol
 Concen: 45.18 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	46.8	86.8
98	32.5	9.1	49.1

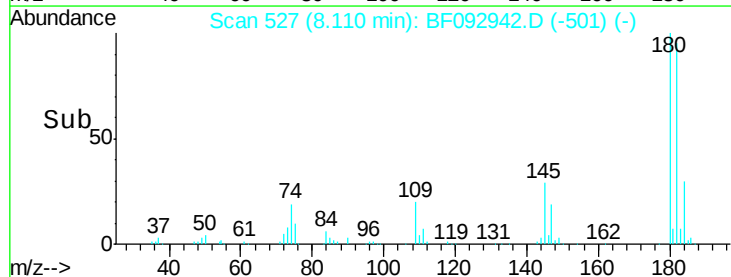
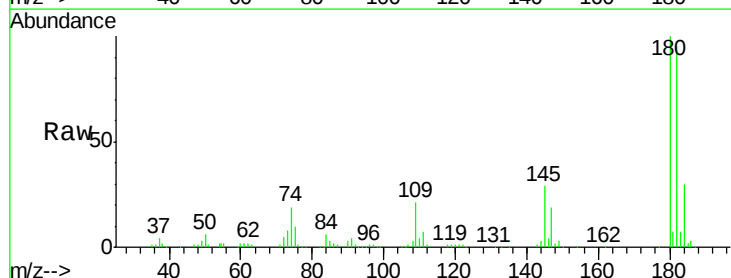
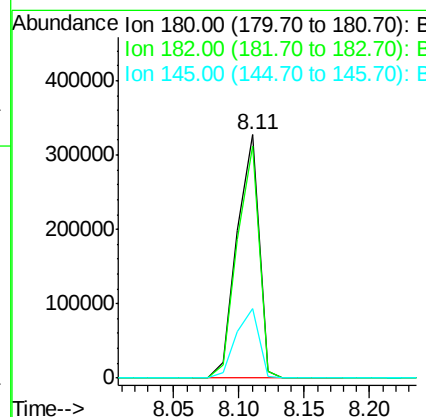
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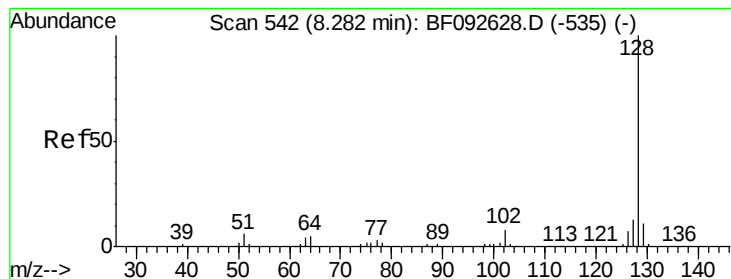
mohammad
 2/15/2017 9:05:50 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.52 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	78.2	117.4
145	28.6	21.6	32.4





#31

Naphthalene

Concen: 41.49 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampled :

PB96923BS

Tgt Ion:128 Resp: 1220988

Ion Ratio Lower Upper

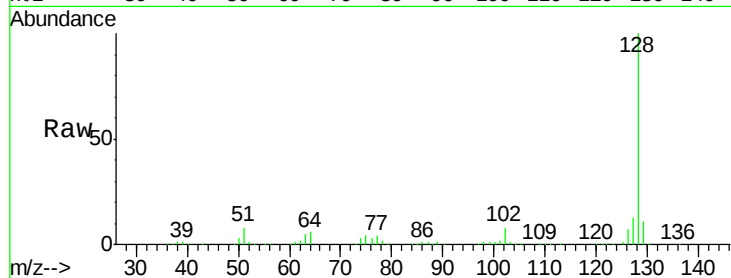
128 100

129 10.9 9.5 14.3

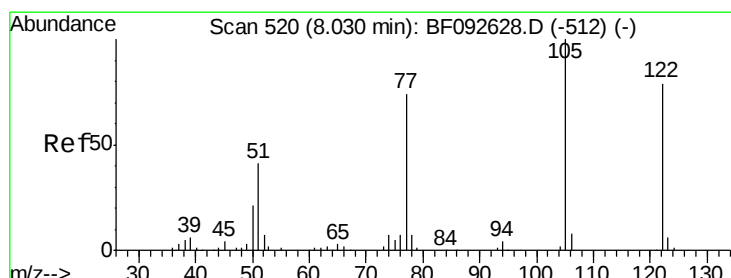
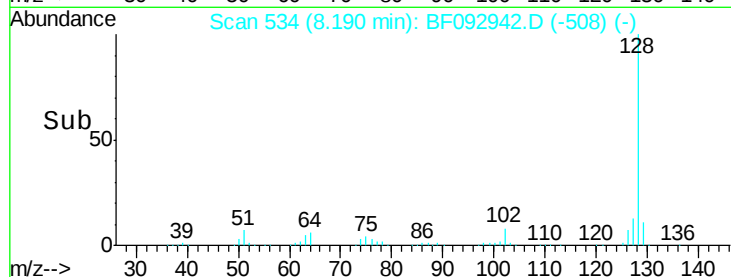
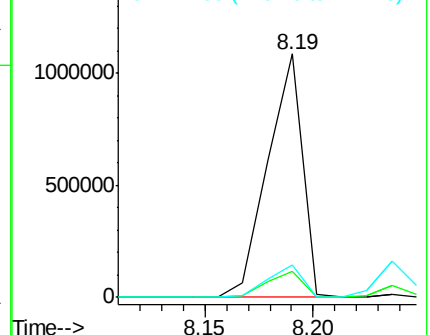
127 13.3 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.94 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

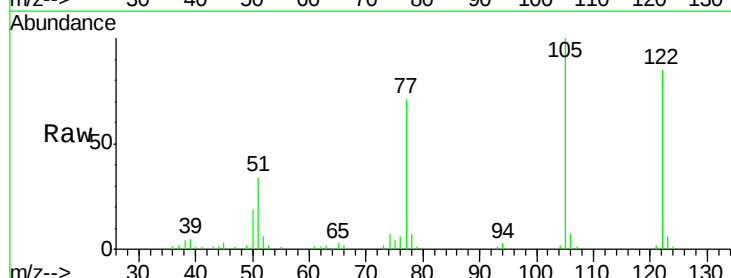
Tgt Ion:122 Resp: 189122

Ion Ratio Lower Upper

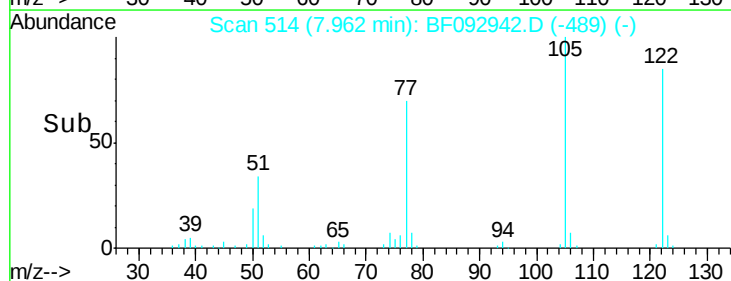
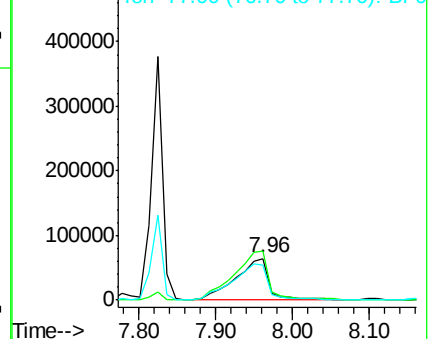
122 100

105 118.0 107.2 147.2

77 83.6 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





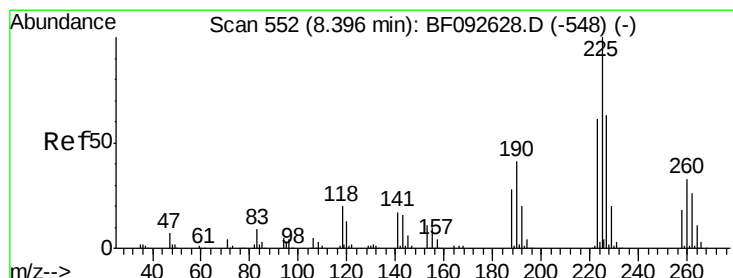
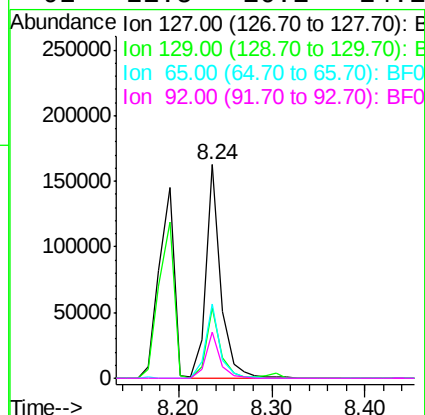
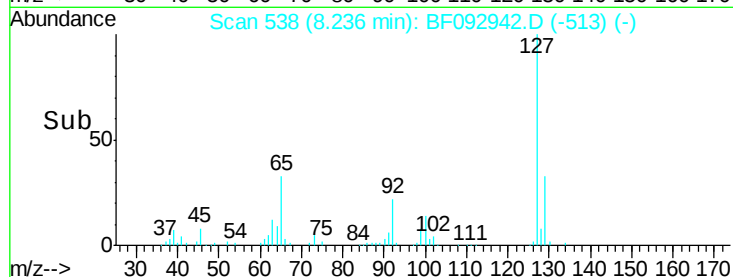
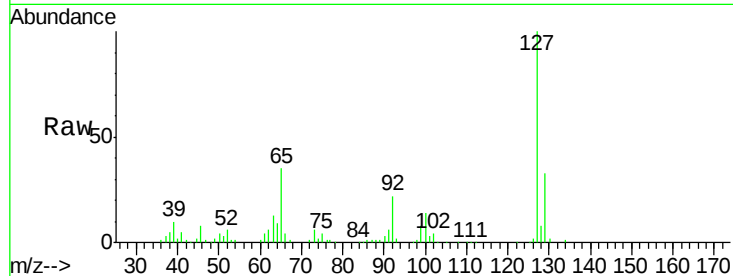
#33
4-Chloroaniline
Concen: 15.74 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	181652		
129	33.2	26.3	39.5	
65	34.5	25.8	38.8	
92	21.5	16.1	24.1	

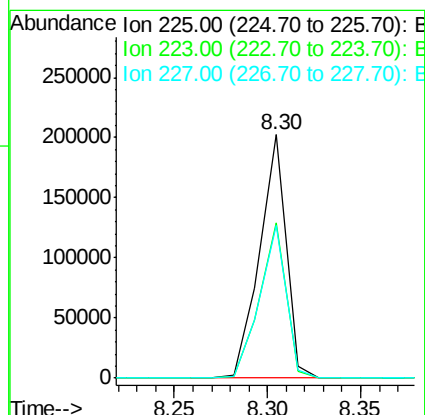
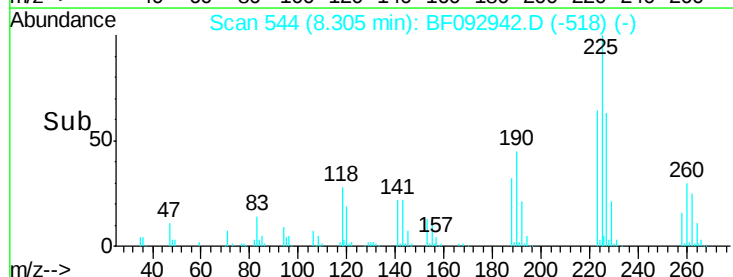
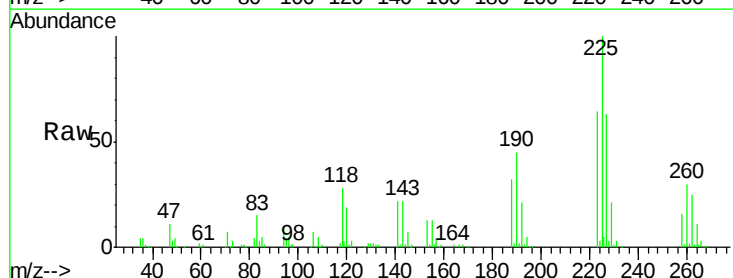
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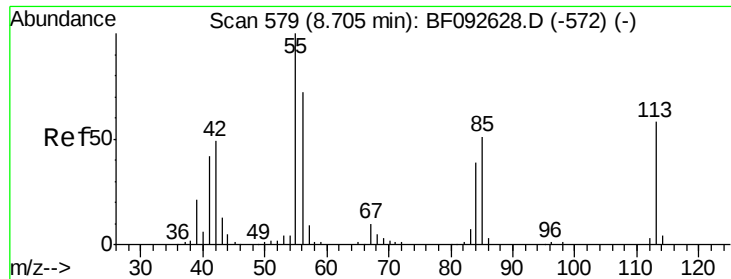
mohammad
2/15/2017 9:05:50 AM



#34
Hexachlorobutadiene
Concen: 40.21 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198713		
223	63.6	51.0	76.6	
227	63.0	50.6	76.0	





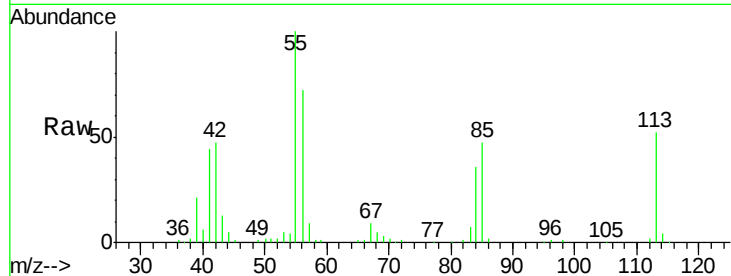
#35
 Caprolactam
 Concen: 45.88 ng m
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampled :
 PB96923BS

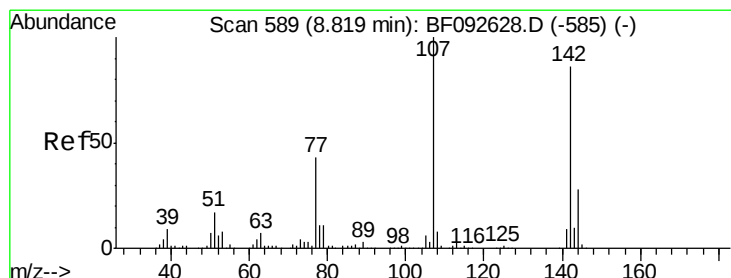
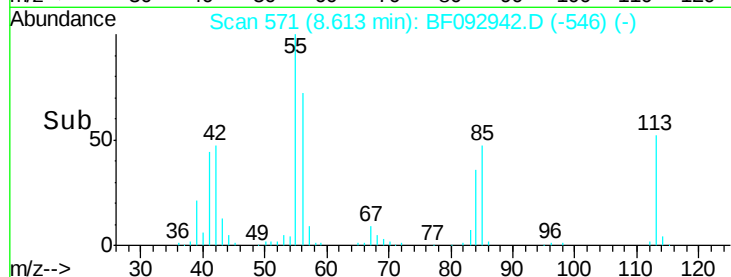
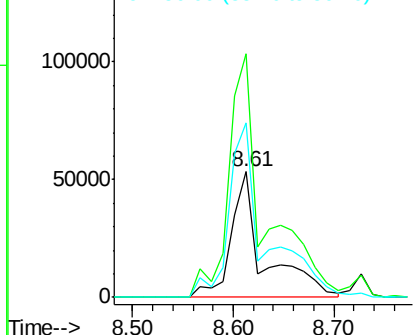
Tgt Ion:113 Resp: 120298
 Ion Ratio Lower Upper
 113 100
 55 194.0 119.2 159.2#
 56 139.5 83.8 123.8#

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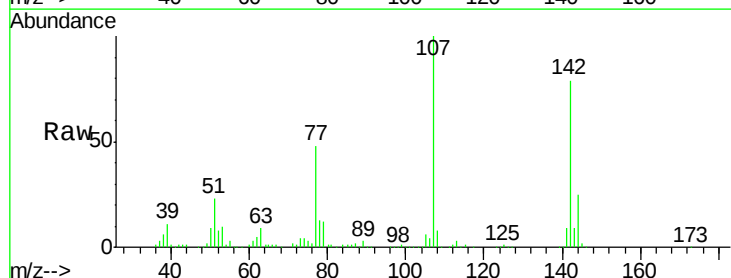


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

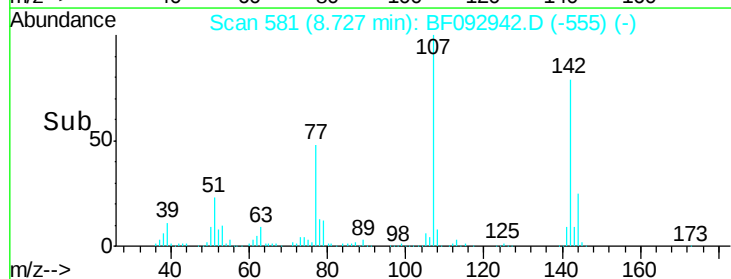
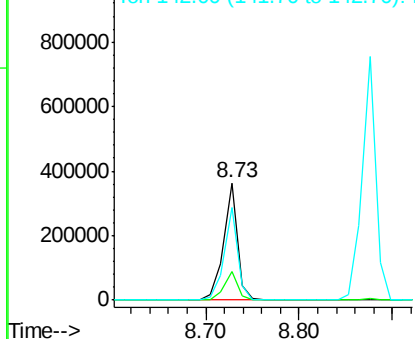


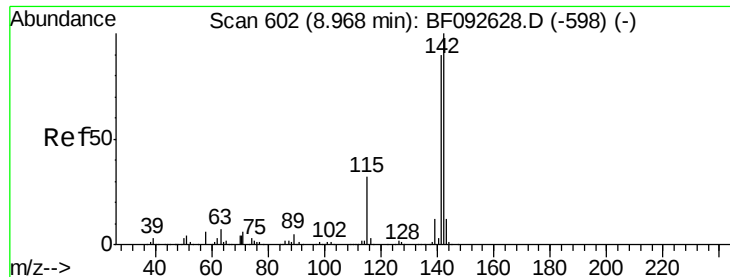
#36
 4-Chloro-3-methylphenol
 Concen: 42.94 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion:107 Resp: 373170
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.3 28.9
 142 78.5 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





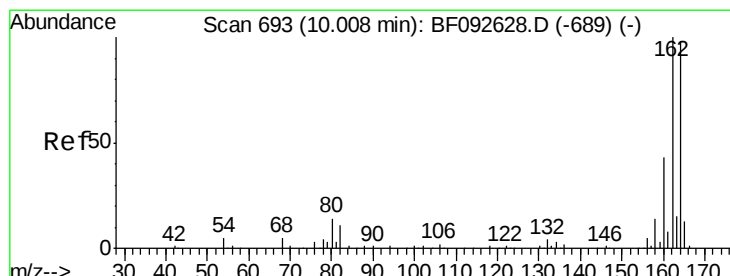
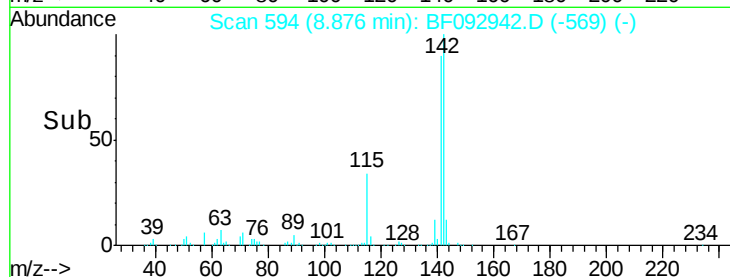
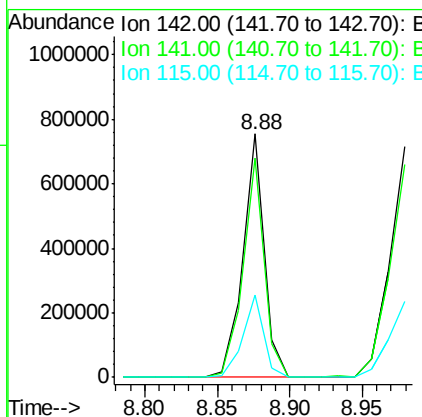
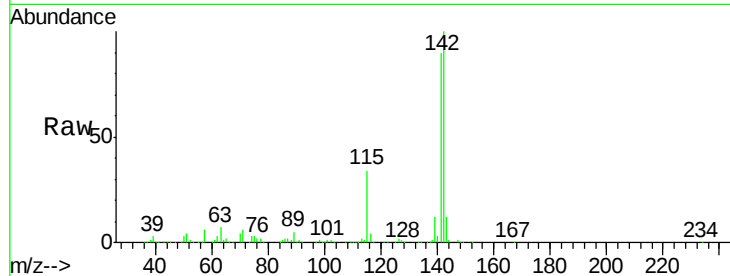
#37
 2-Methylnaphthalene
 Concen: 40.76 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleID :
 PB96923BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	33.8	28.3	42.5

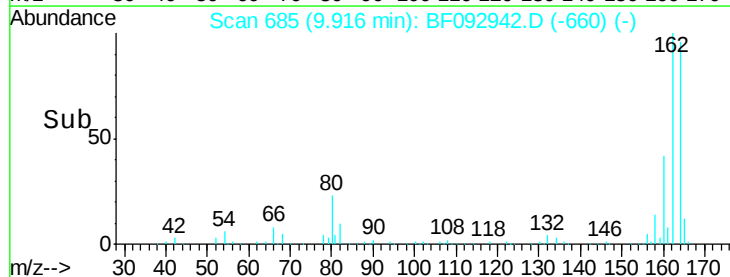
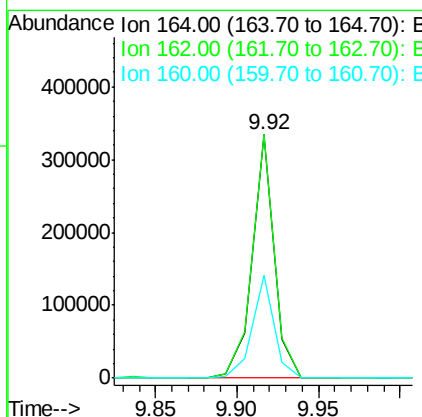
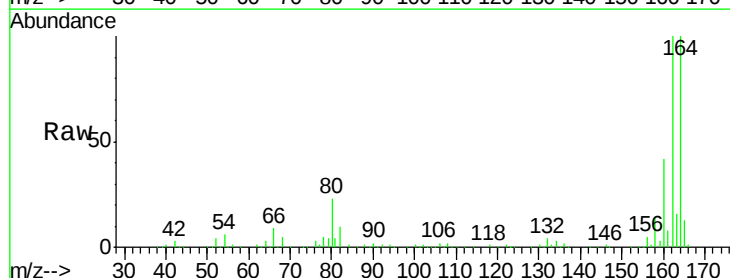
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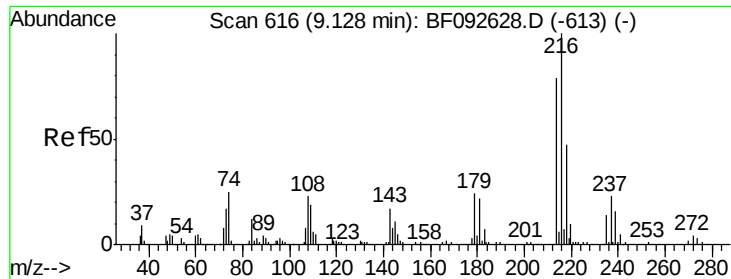
mohammad
 2/15/2017 9:05:50 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	42.4	36.9	55.3





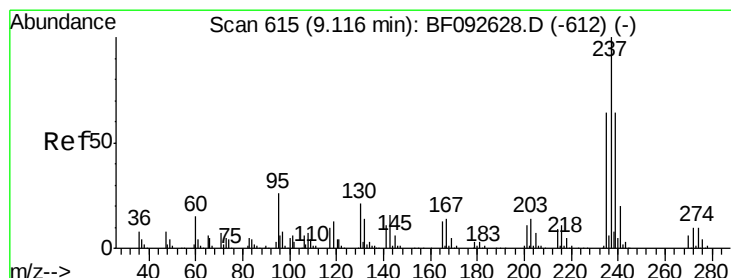
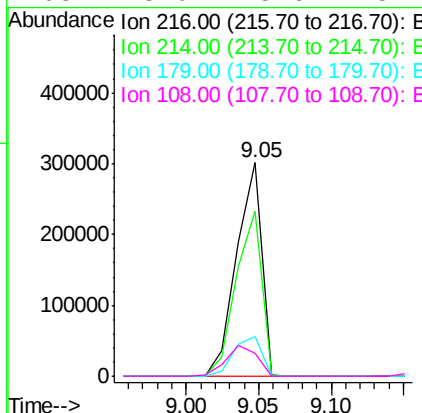
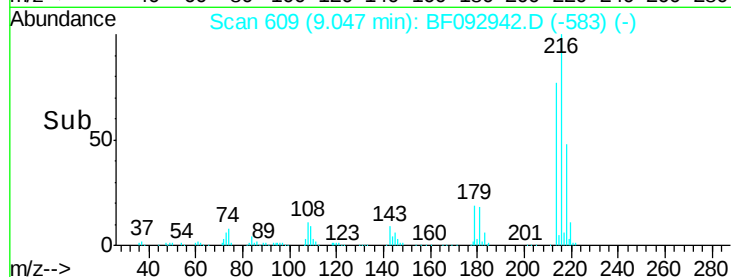
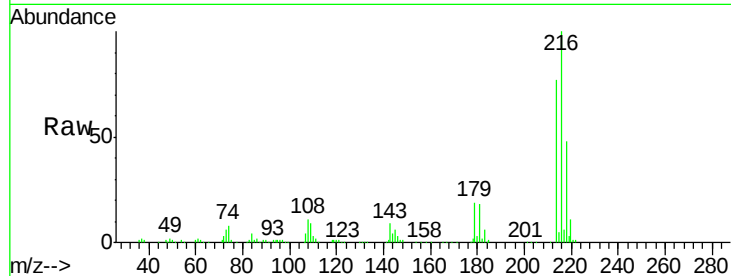
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.22 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion:	216	Resp:	363024
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.0
179	20.7	17.4	26.2
108	18.0	15.6	23.4

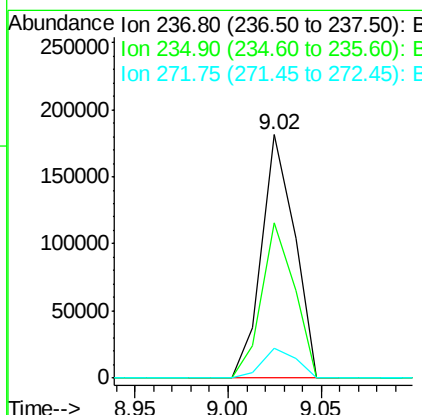
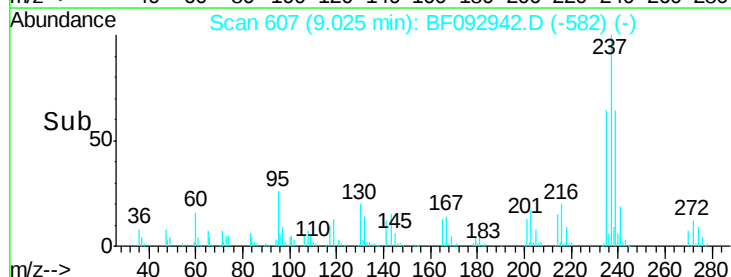
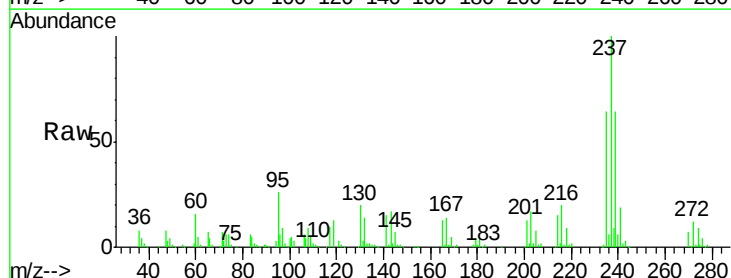
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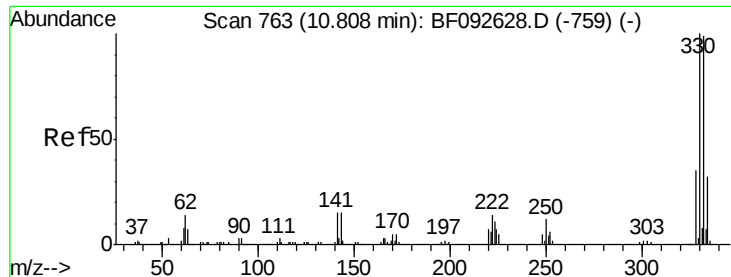
mohammad
 2/15/2017 9:05:50 AM



#40
 Hexachlorocyclopentadiene
 Concen: 55.87 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion:	237	Resp:	222026
Ion Ratio	Lower	Upper	
237	100		
235	64.0	41.2	81.2
272	12.1	0.0	35.4





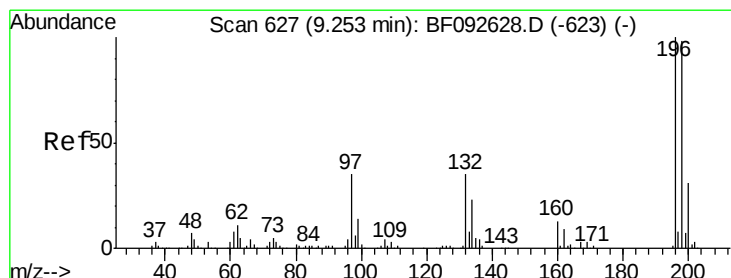
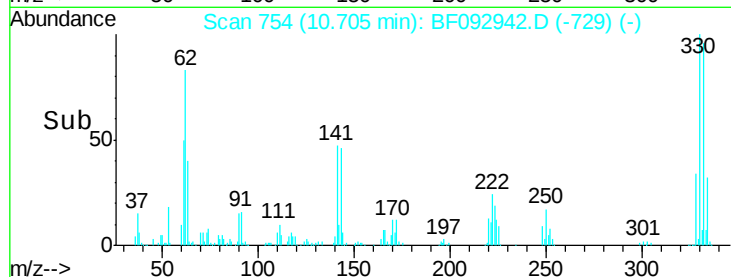
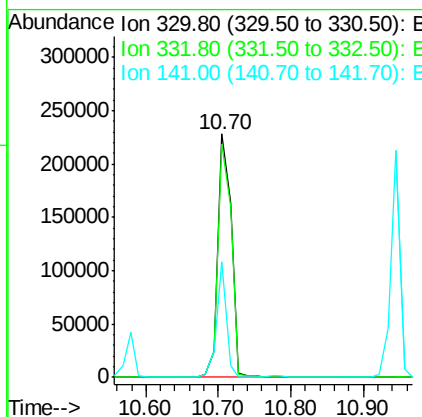
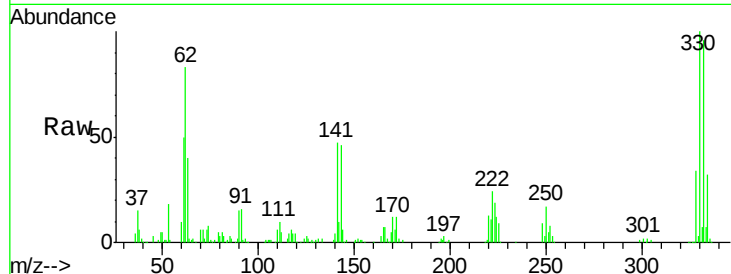
#41
 2,4,6-Tribromophenol
 Concen: 129.65 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	294225		
332	96.9	77.4	116.2	
141	34.6	34.1	51.1	

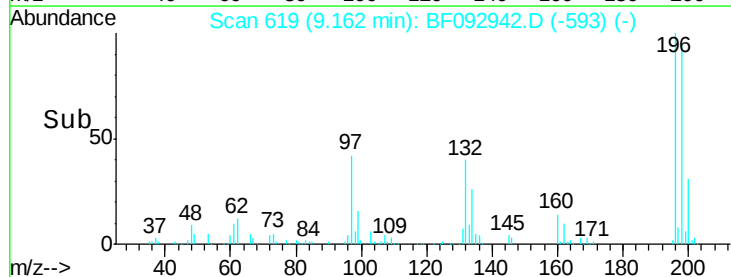
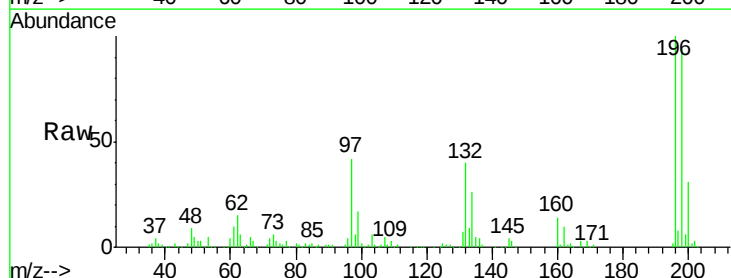
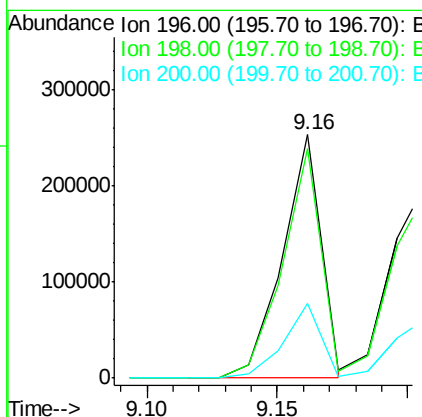
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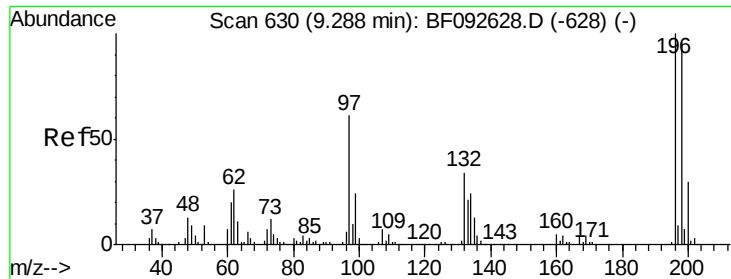
mohammad
 2/15/2017 9:05:50 AM



#42
 2,4,6-Trichlorophenol
 Concen: 45.06 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

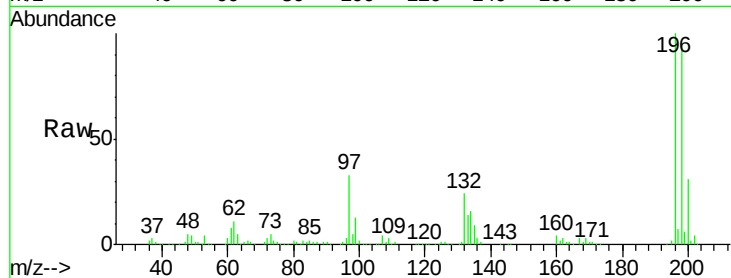
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260791		
198	94.2	82.1	123.1	
200	30.6	27.0	40.4	





#43
 2,4,5-Trichlorophenol
 Concen: 41.89 ng m
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

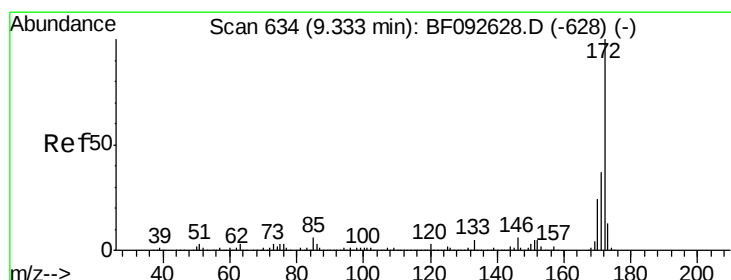
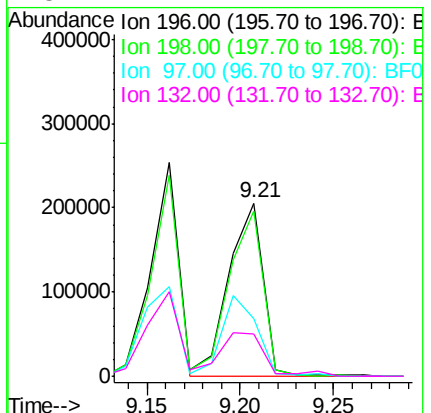
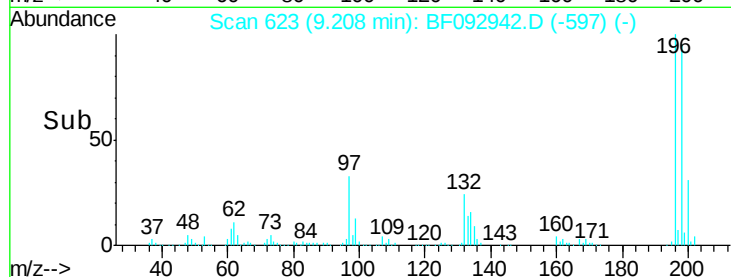
Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS



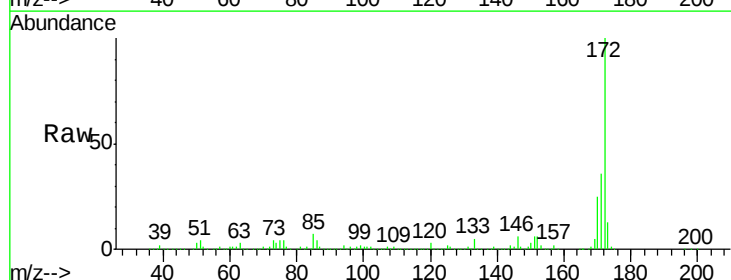
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265615		
198	95.4	79.4	119.2	
97	33.0	51.5	77.3#	
132	24.2	27.4	41.2#	

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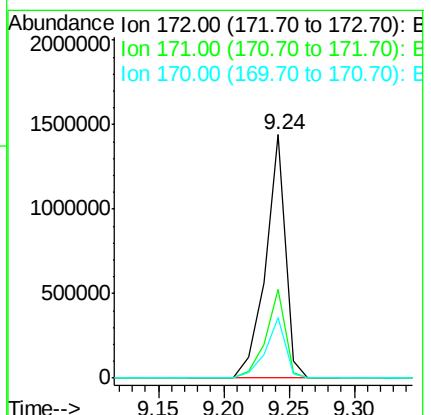
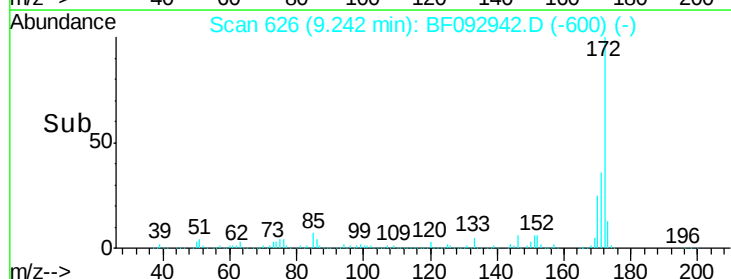
mohammad
 2/15/2017 9:05:50 AM



#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1529205		
171	36.5	29.4	44.0	
170	24.6	20.2	30.4	





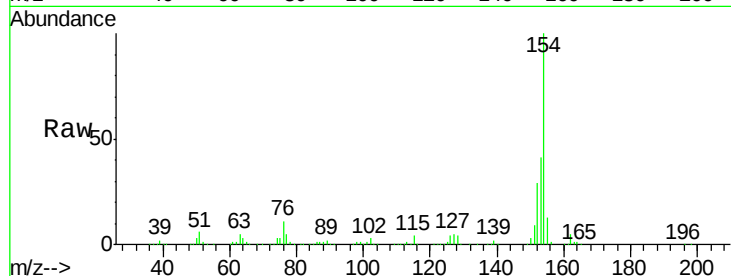
#45
 1,1'-Biphenyl
 Concen: 43.81 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	995432		
153	41.4	20.9	60.9	
76	10.9	0.0	30.5	

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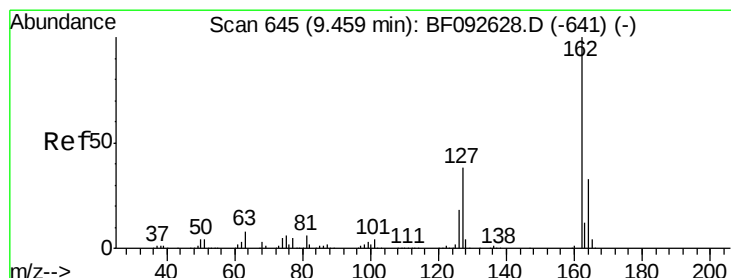
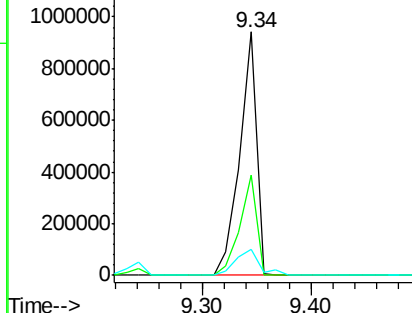
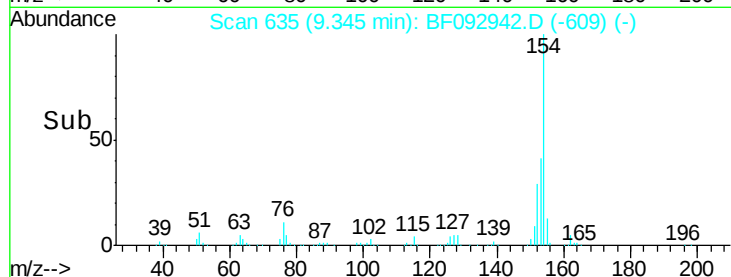


Abundance

Ion 154.00 (153.70 to 154.70): E

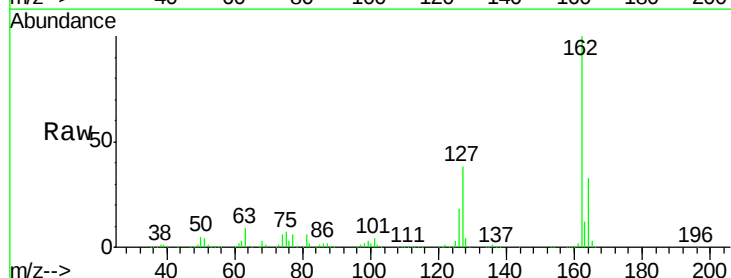
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 44.56 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	792098		
127	38.2	30.7	46.1	
164	32.7	27.6	41.4	

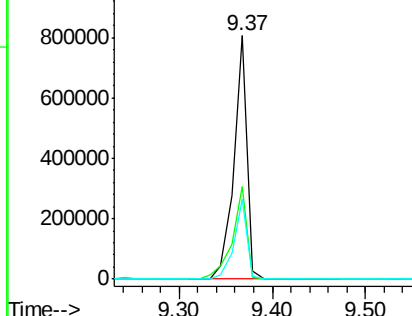
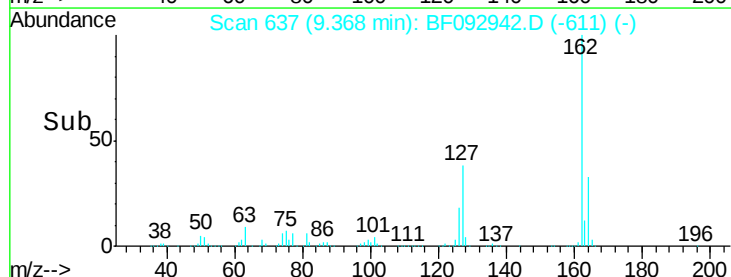


Abundance

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





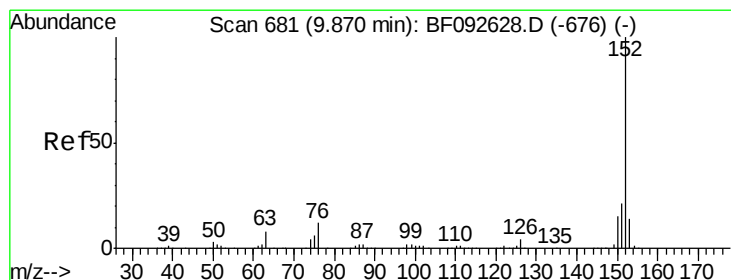
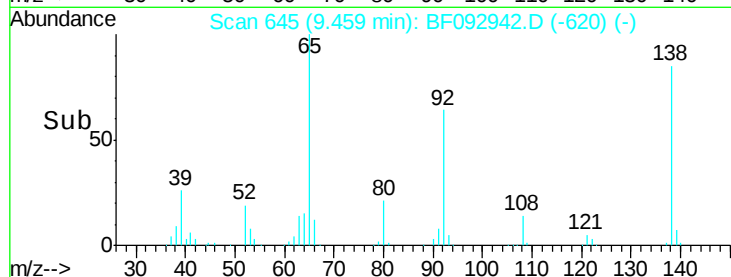
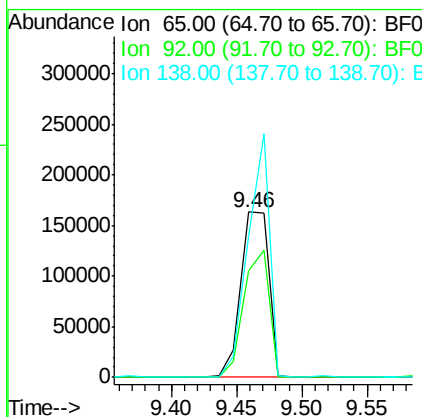
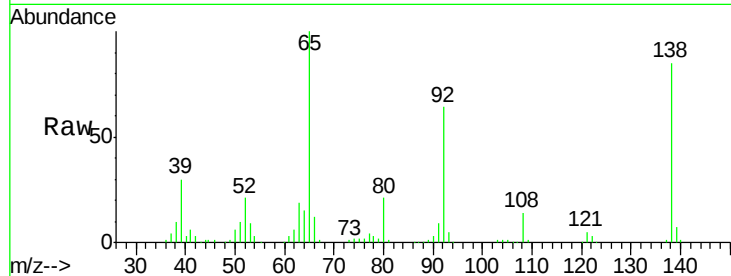
#47
2-Nitroaniline
Concen: 40.82 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	53.9	80.9
138	85.2	76.8	115.2

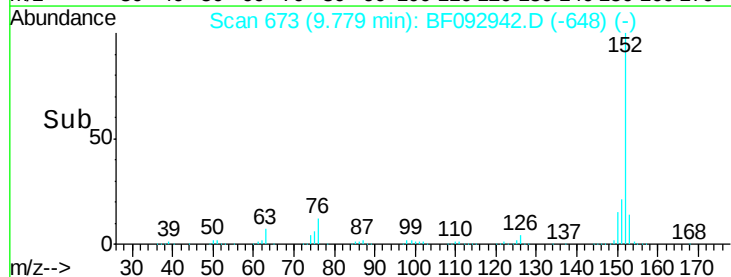
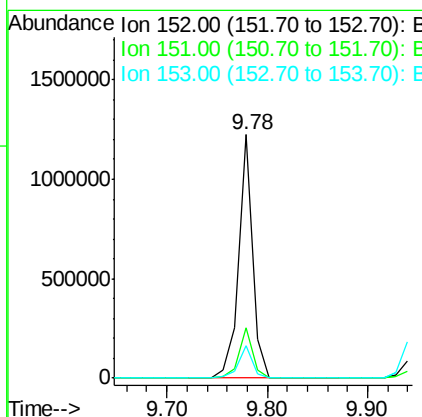
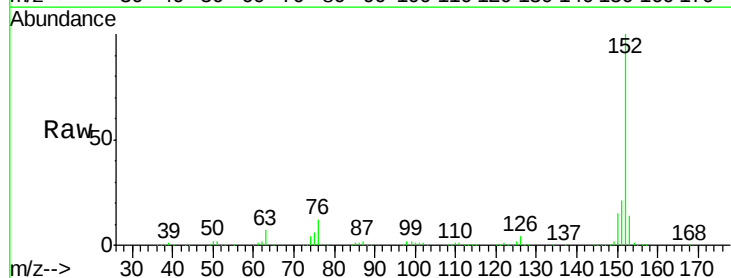
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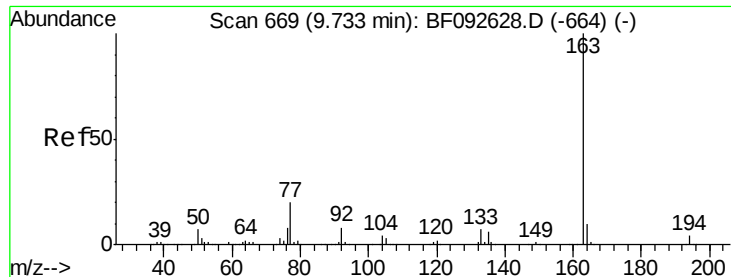
mohammad
2/15/2017 9:05:50 AM



#48
Acenaphthylene
Concen: 38.33 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.5	11.4	17.2





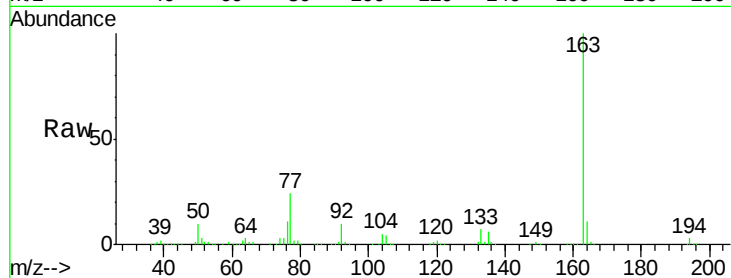
#49
Dimethylphthalate
Concen: 40.17 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

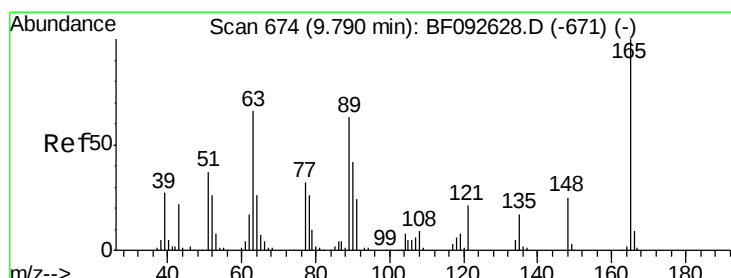
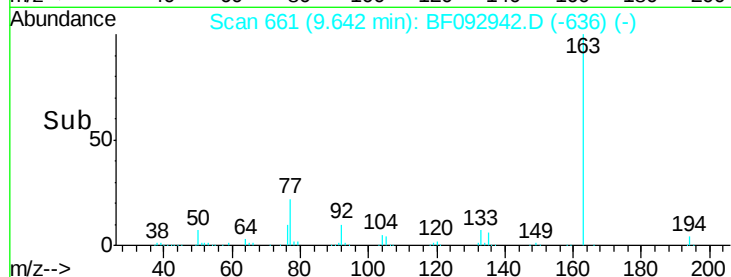
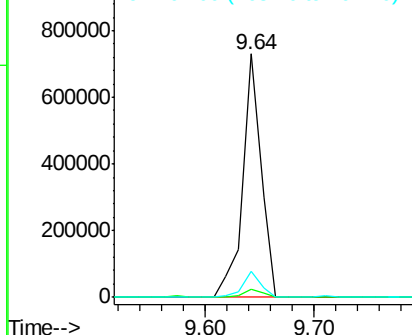
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	849066		
194	3.3		3.0	4.4
164	10.8		8.0	12.0

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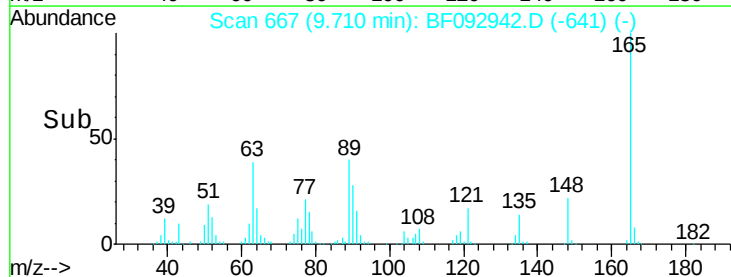
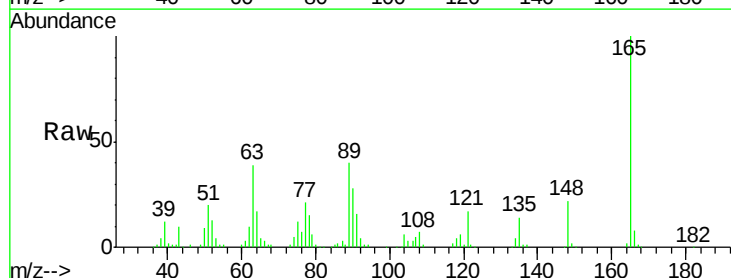
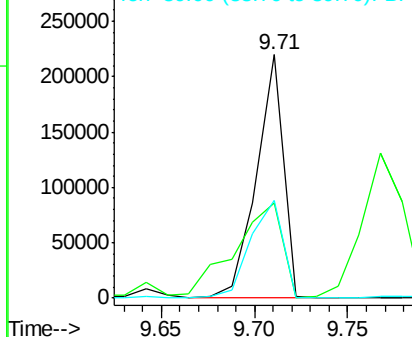
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 47.94 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	218819		
63	39.1		36.2	54.4
89	40.1		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: 37.46 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

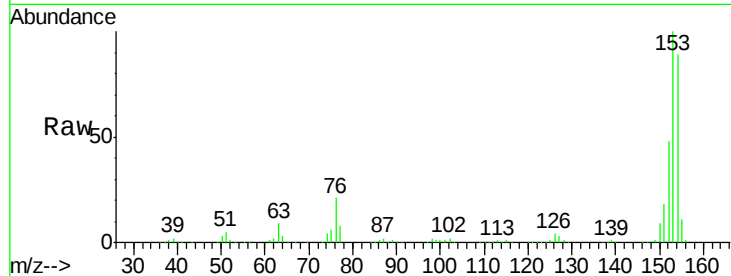
ClientSampled :

PB96923BS

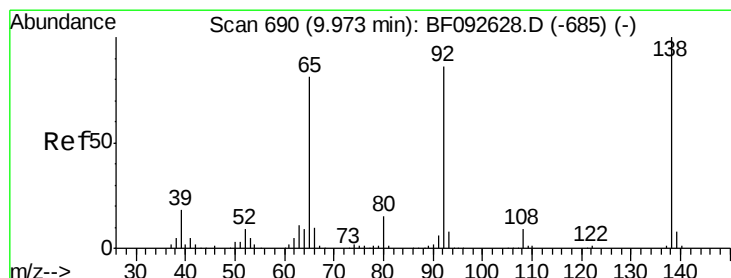
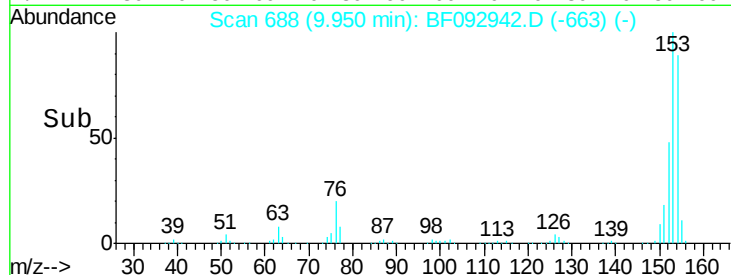
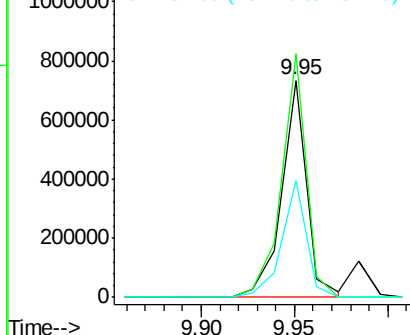
Tgt Ion:	154	Resp:	687699
Ion Ratio	Lower	Upper	
154	100		
153	112.3	88.6	133.0
152	54.1	41.6	62.4

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



#52

3-Nitroaniline

Concen: 23.26 ng

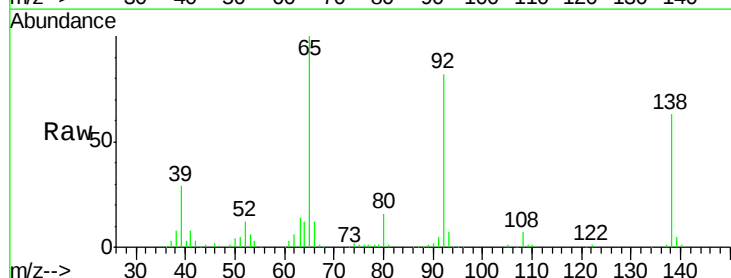
RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

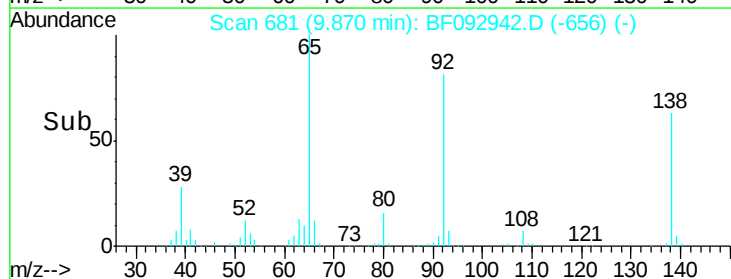
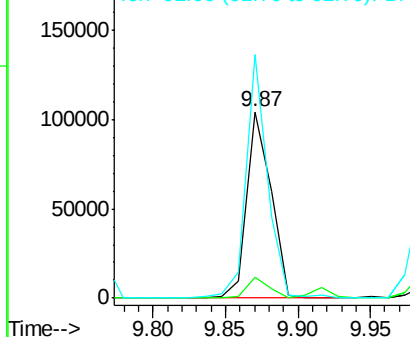
Lab File: BF092942.D

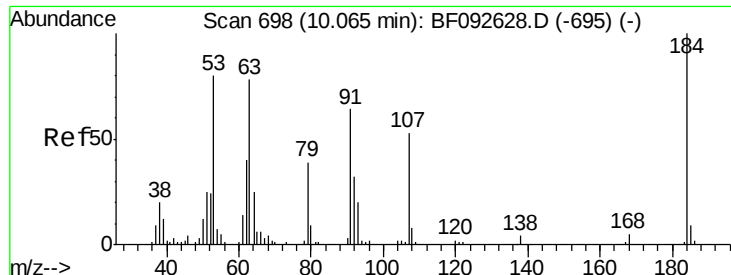
Acq: 14 Feb 2017 14:26

Tgt Ion:	138	Resp:	121514
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.5	12.7
92	130.5	97.8	146.8



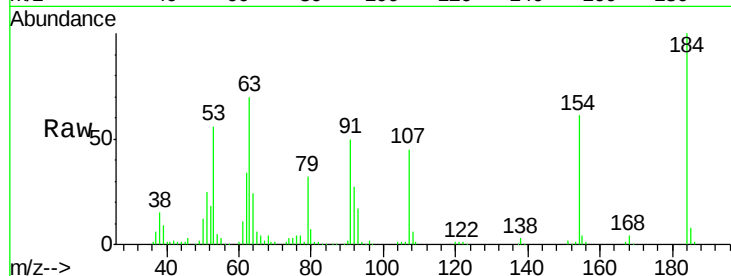
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 79.06 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

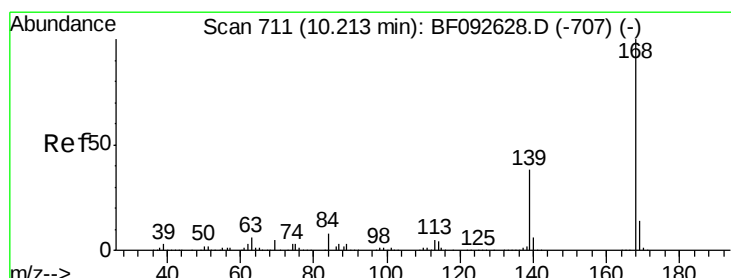
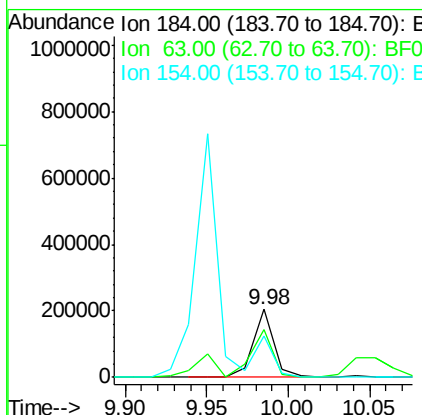
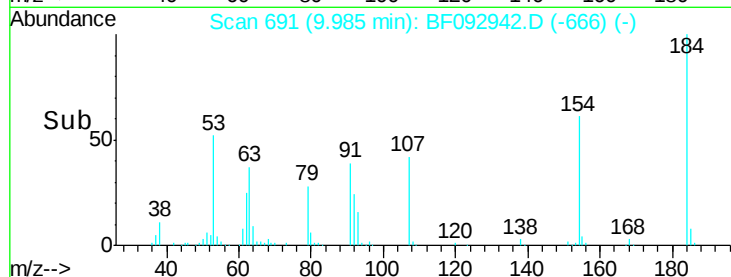
Instrument :
BNA_F
ClientSampleId :
PB96923BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	183438		
63	70.2	28.4	42.6	
154	60.6	44.3	66.5	

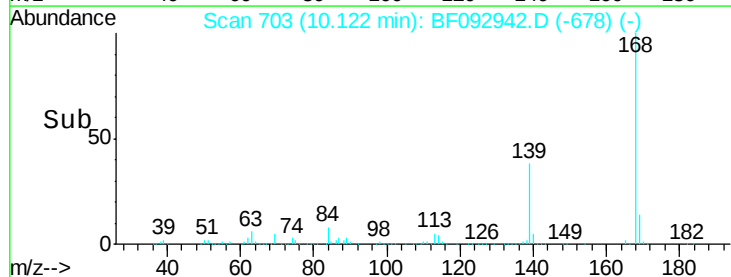
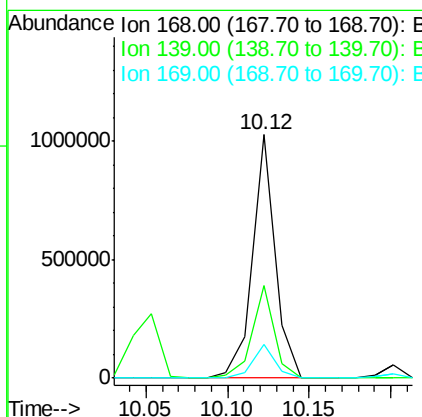
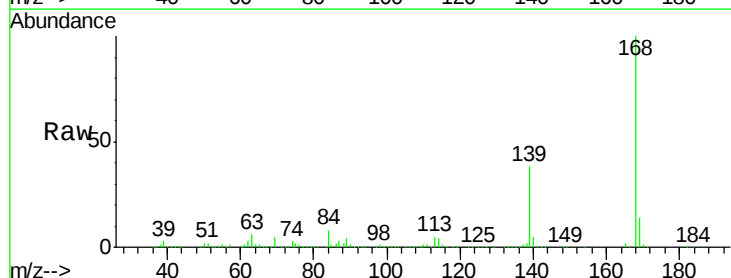
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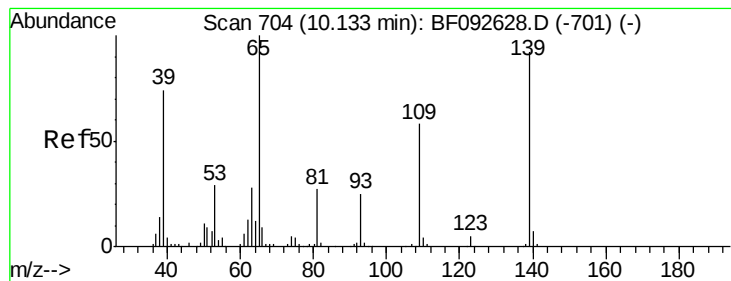
mohammad
2/15/2017 9:05:50 AM



#54
Dibenzofuran
Concen: 40.69 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	999096		
139	38.3	32.6	49.0	
169	13.8	11.3	16.9	





#55

4-Nitrophenol

Concen: 86.99 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

PB96923BS

Tgt Ion:139 Resp: 327259

Ion Ratio Lower Upper

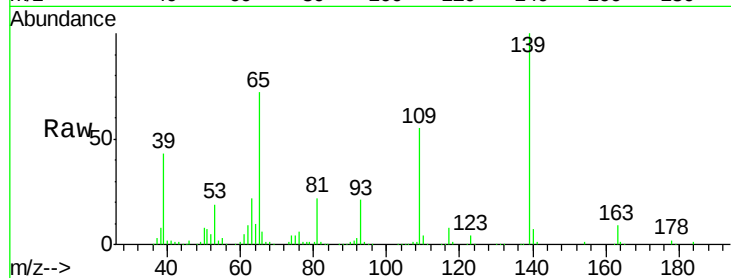
139 100

109 54.8 52.2 92.2

65 72.4 85.8 125.8

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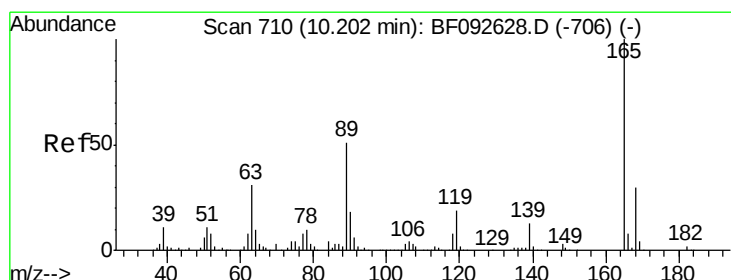
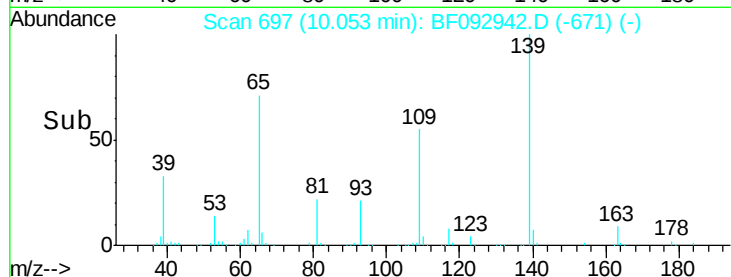
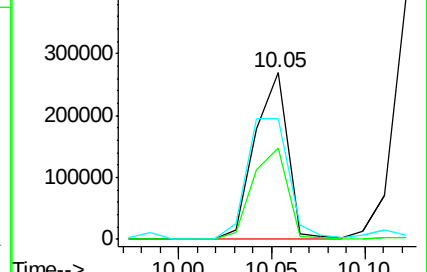
mohammad
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.52 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:165 Resp: 252273

Ion Ratio Lower Upper

165 100

63 49.5 40.2 60.4

89 72.8 62.5 93.7

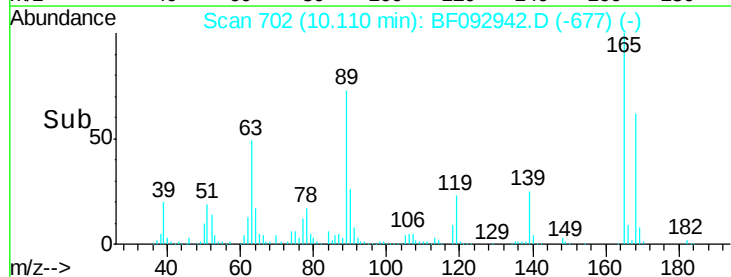
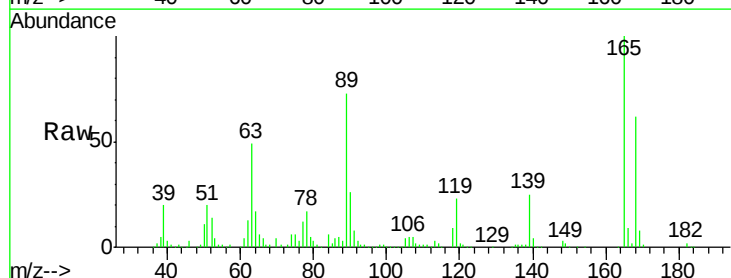
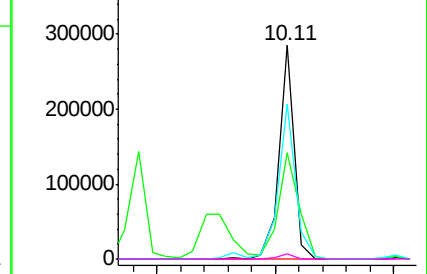
182 2.4 1.8 2.8

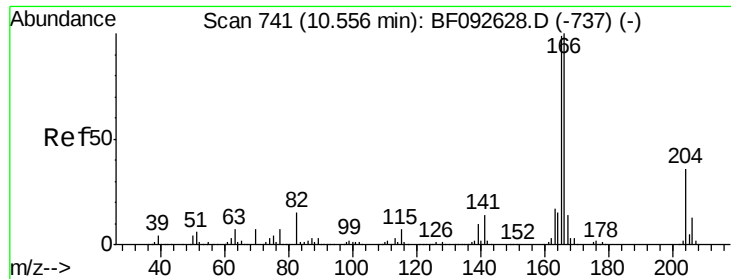
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.00 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

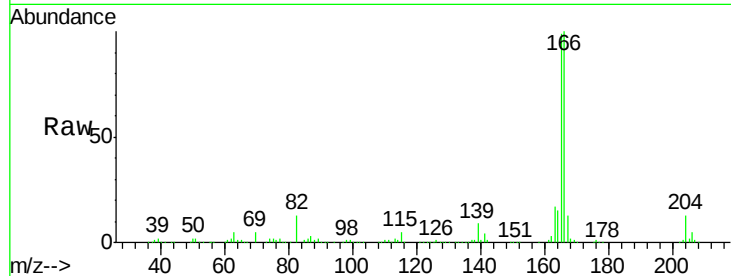
ClientSampleId :

PB96923BS

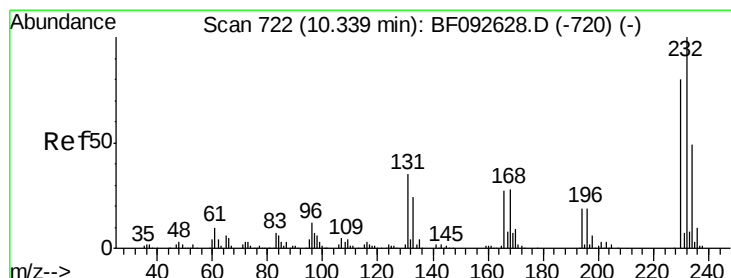
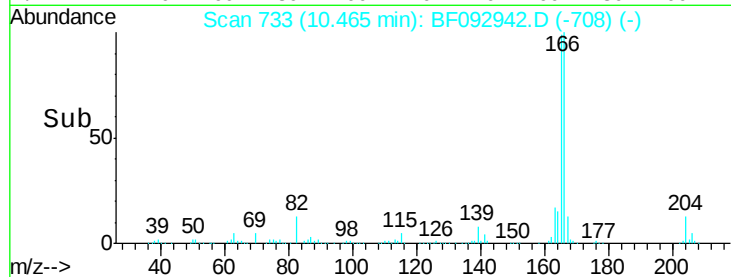
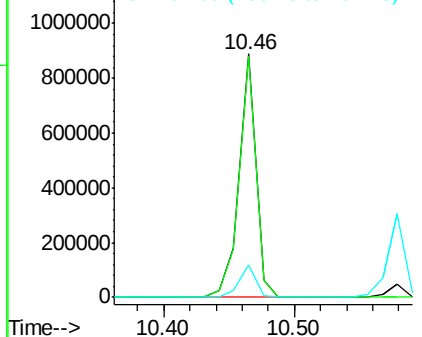
Tgt Ion:	166	Resp:	793495
Ion Ratio	Lower	Upper	
166	100		
165	99.0	77.8	116.8
167	13.4	10.8	16.2

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.08 ng

RT: 10.25 min Scan# 714

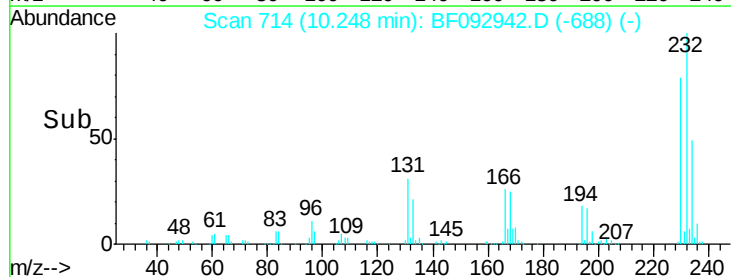
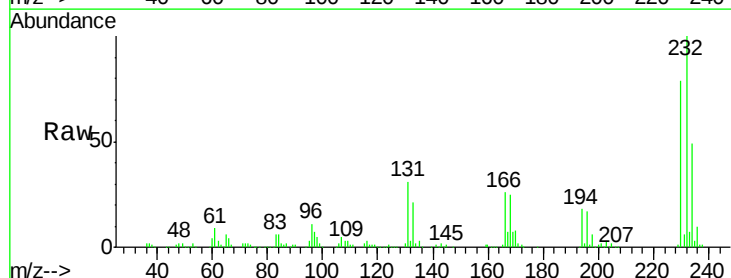
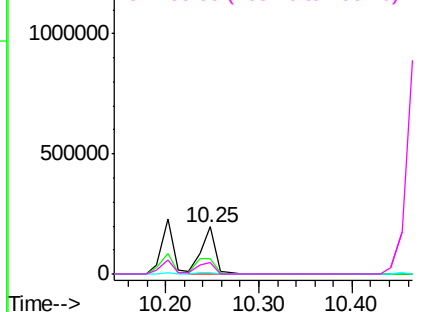
Delta R.T. 0.00 min

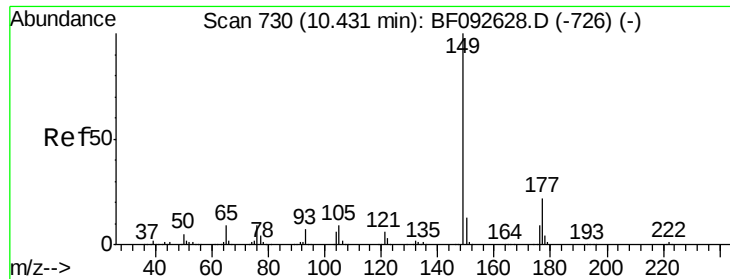
Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:	232	Resp:	207606
Ion Ratio	Lower	Upper	
232	100		
131	45.2	40.1	60.1
130	2.2	1.8	2.8
166	30.8	26.6	39.8

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





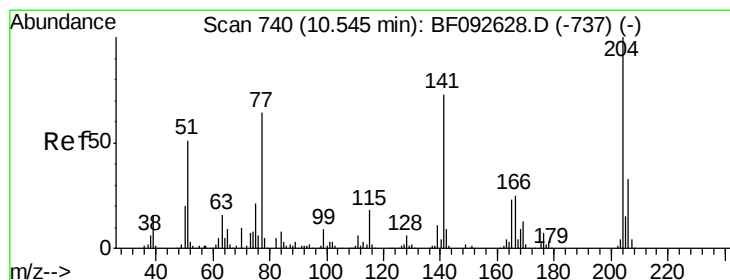
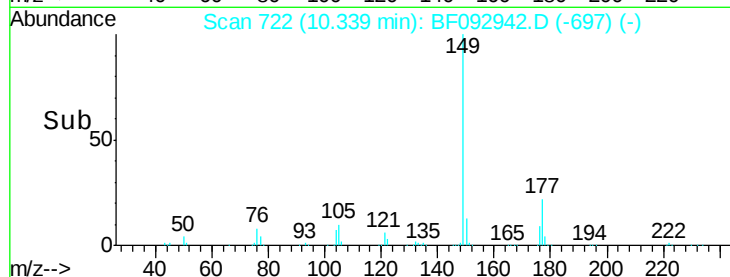
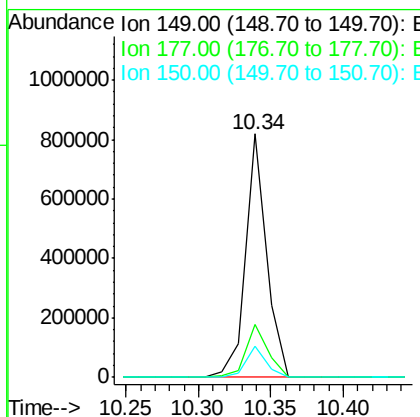
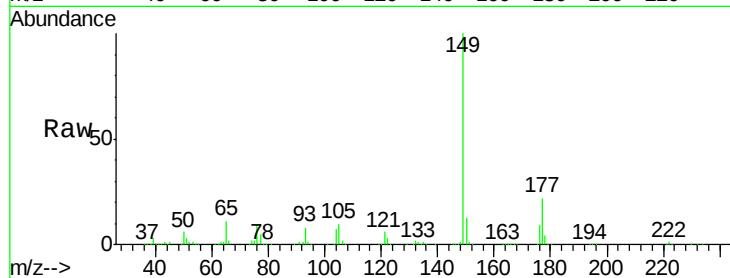
#59
Diethylphthalate
Concen: 41.19 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampled :
PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	820330		
177	21.6	16.6	25.0	
150	12.6	10.4	15.6	

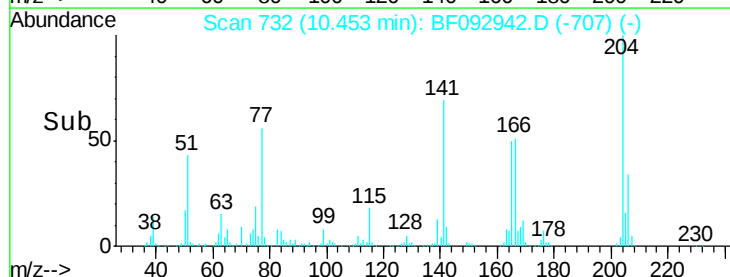
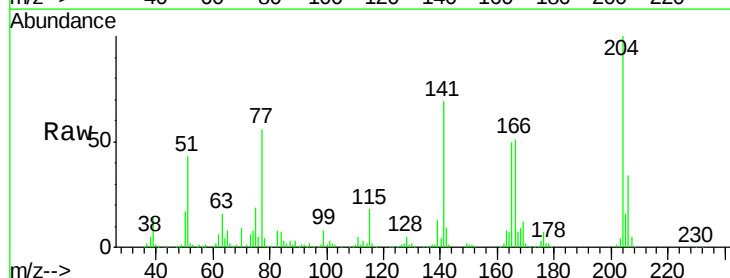
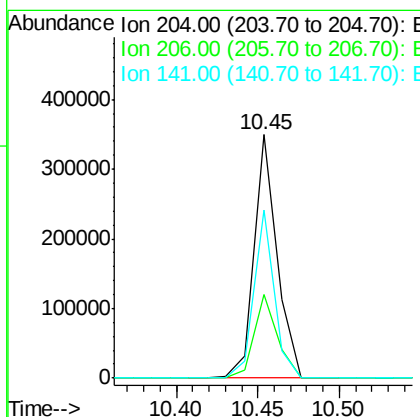
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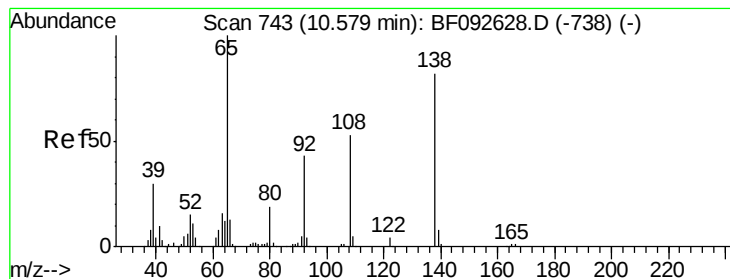
mohammad
2/15/2017 9:05:50 AM



#60
4-Chlorophenyl-phenylether
Concen: 37.53 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	340581		
206	34.2	25.8	38.6	
141	69.2	59.4	89.0	





#61

4-Nitroaniline

Concen: 36.35 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

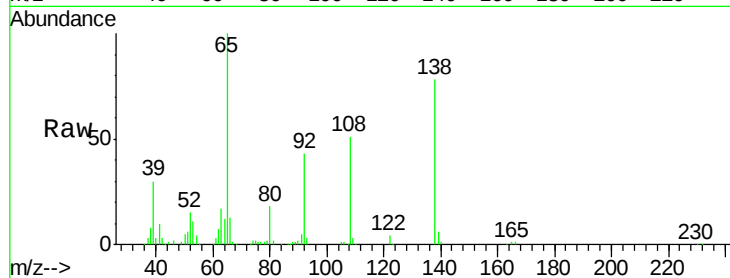
ClientSampleId :

PB96923BS

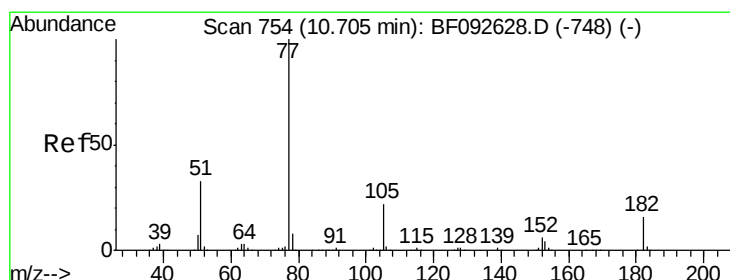
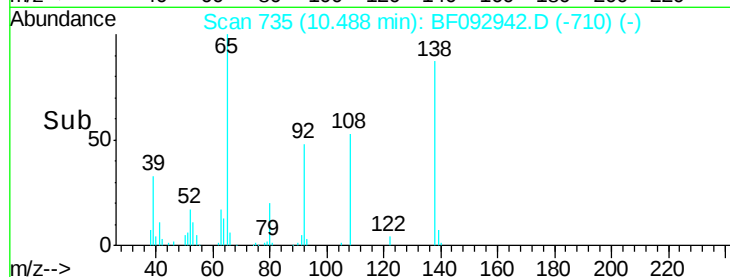
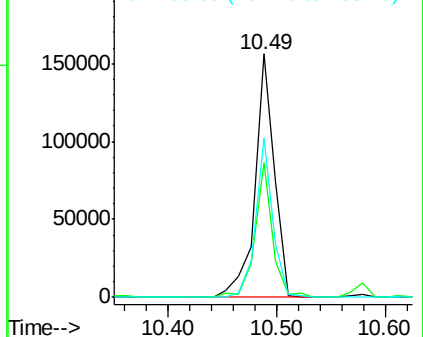
Tgt Ion:	138	Resp:	194457
Ion Ratio	Lower	Upper	
138	100		
92	55.1	31.7	71.7
108	65.6	52.6	92.6

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.07 ng

RT: 10.61 min Scan# 746

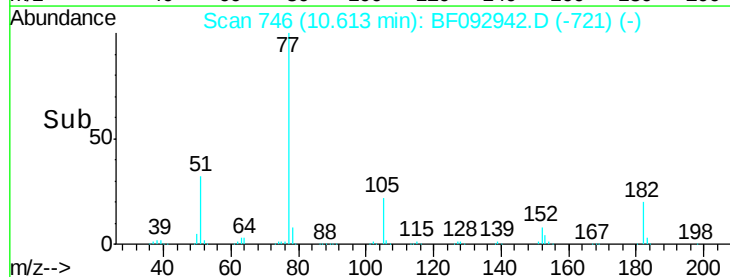
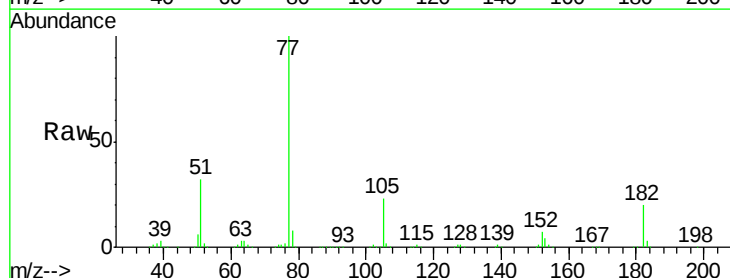
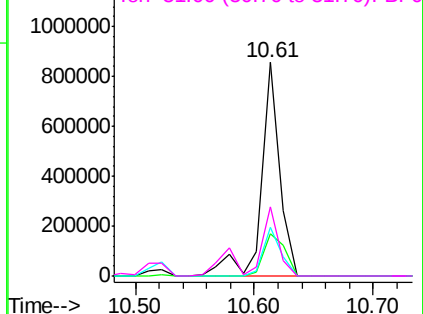
Delta R.T. -0.01 min

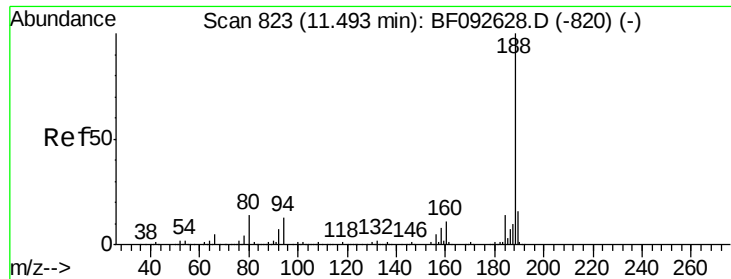
Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:	77	Resp:	927507
Ion Ratio	Lower	Upper	
77	100		
182	19.7	0.0	39.3
105	23.1	2.3	42.3
51	32.1	8.9	48.9

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

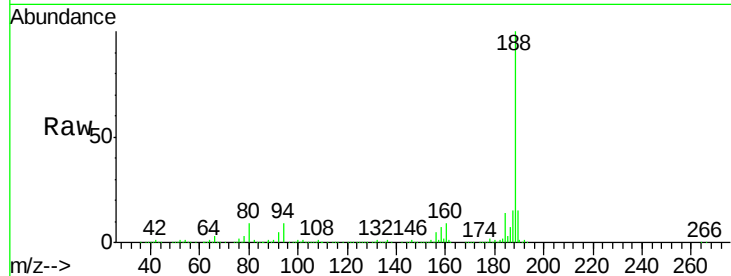
ClientSampleId :

PB96923BS

Tgt Ion:	188	Resp:	525584
Ion Ratio	Lower	Upper	
188	100		
94	8.9	10.0	15.0#
80	9.0	11.2	16.8#

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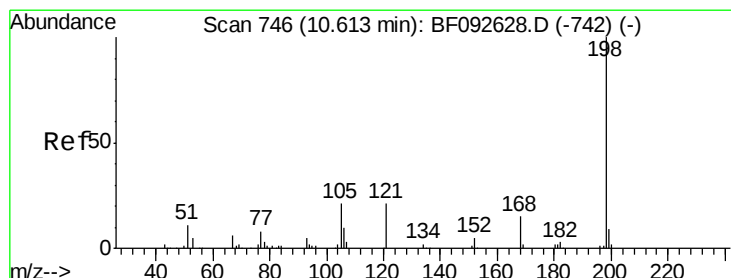
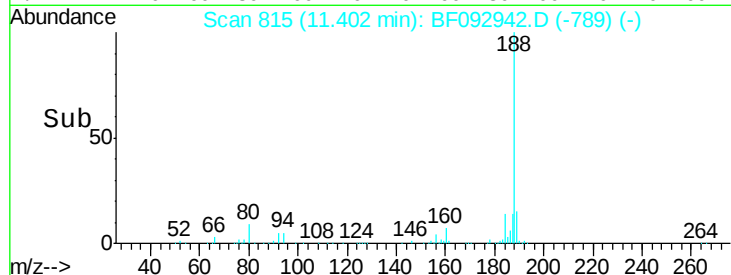
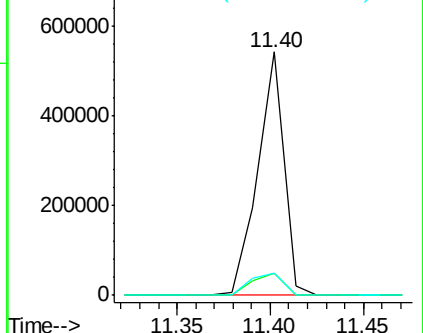
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.16 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF092942.D

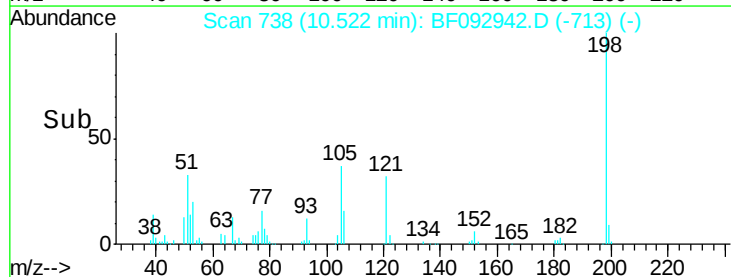
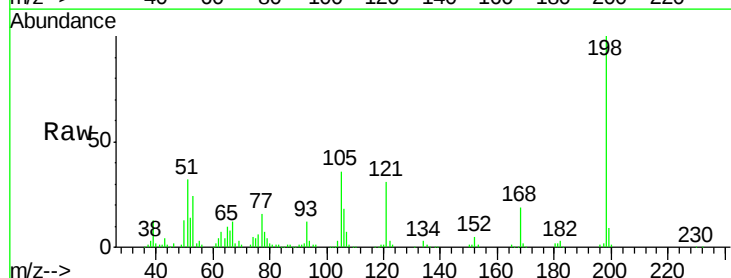
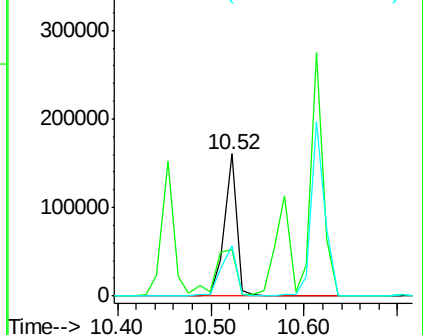
Acq: 14 Feb 2017 14:26

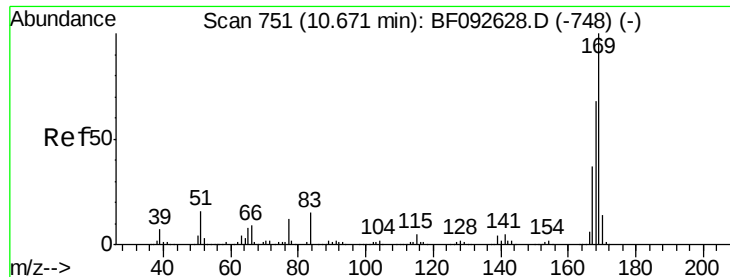
Tgt Ion:	198	Resp:	147336
Ion Ratio	Lower	Upper	
198	100		
51	32.4	6.7	46.7
105	35.8	16.6	56.6

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.47 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

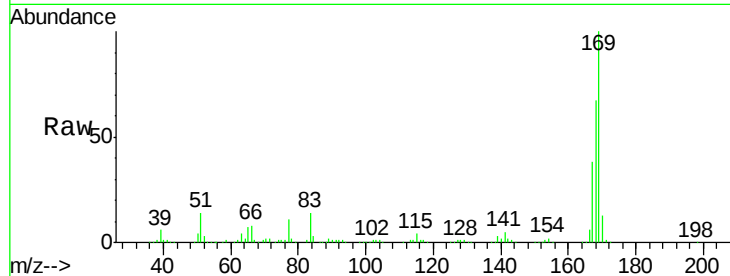
ClientSampleId :

PB96923BS

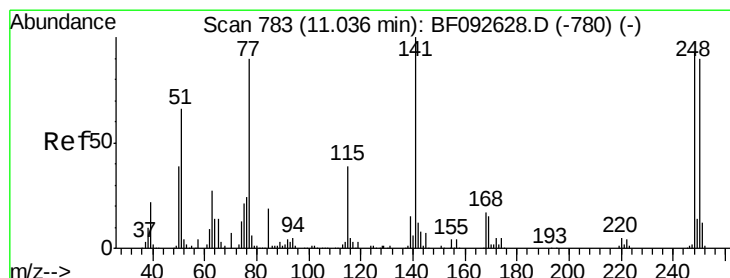
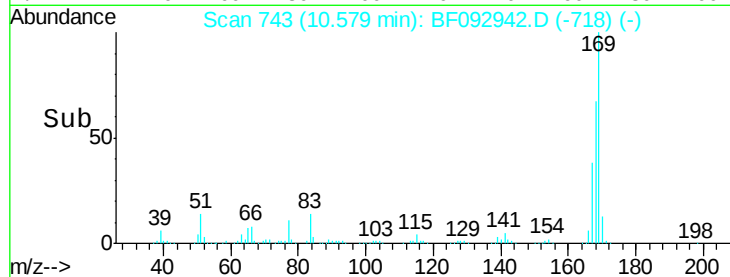
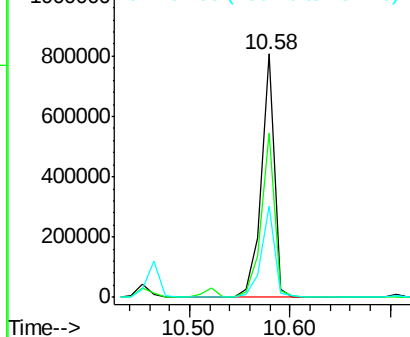
Tgt Ion:	169	Resp:	729778
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.2	81.2
167	37.7	30.2	45.4

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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: 40.83 ng

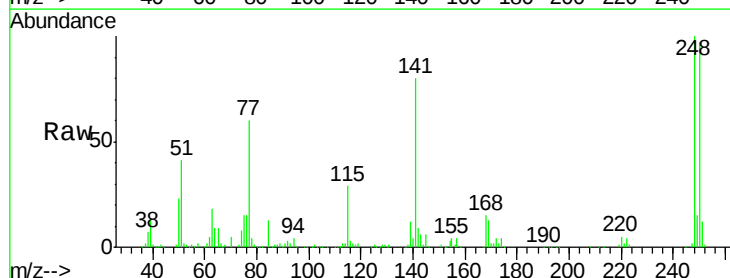
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

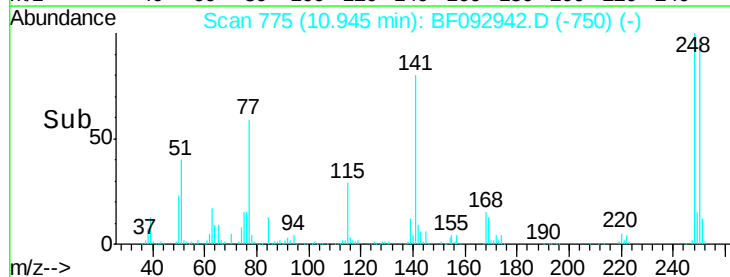
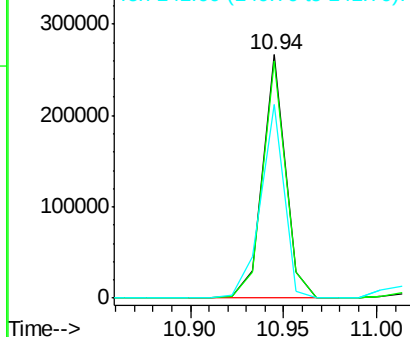
Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:	248	Resp:	224185
Ion Ratio	Lower	Upper	
248	100		
250	97.3	76.9	115.3
141	79.7	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





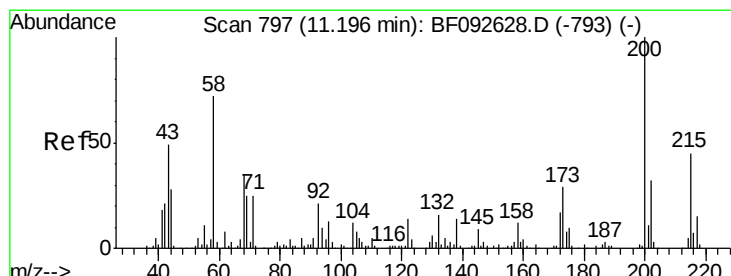
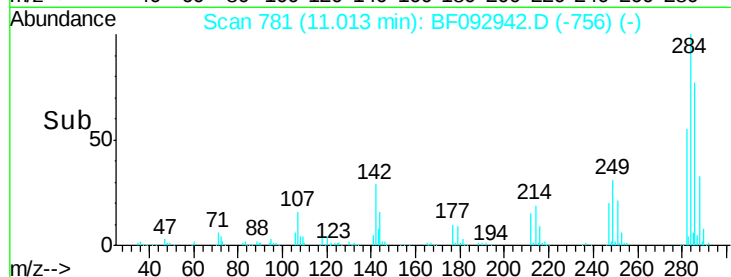
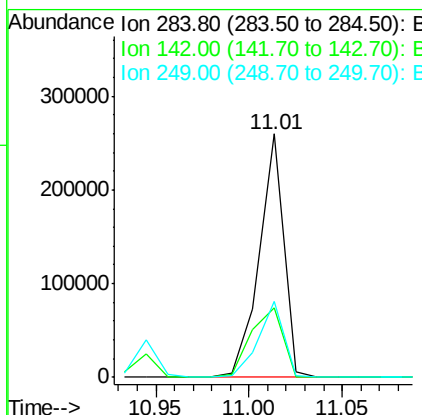
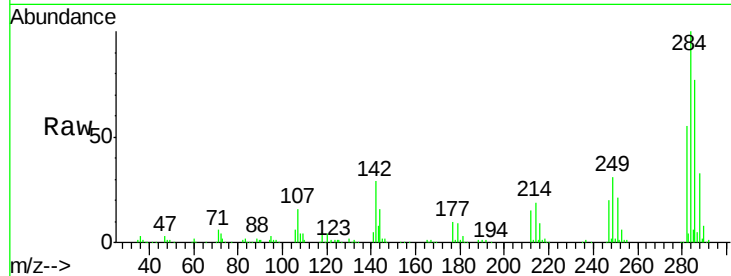
#67
Hexachlorobenzene
Concen: 43.45 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	235768		
142	28.8	22.6	33.8	
249	31.2	25.4	38.0	

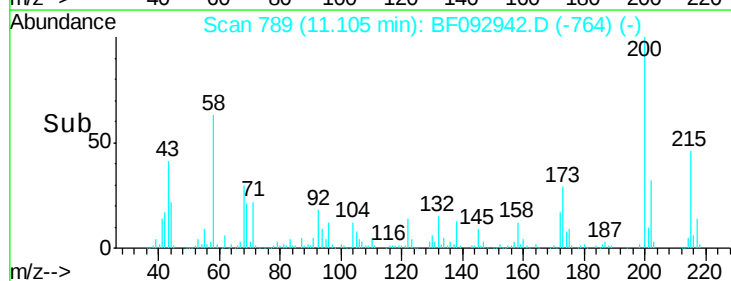
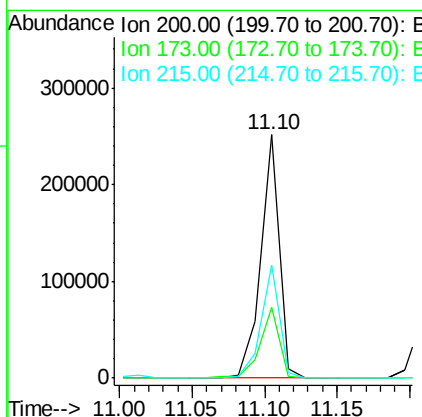
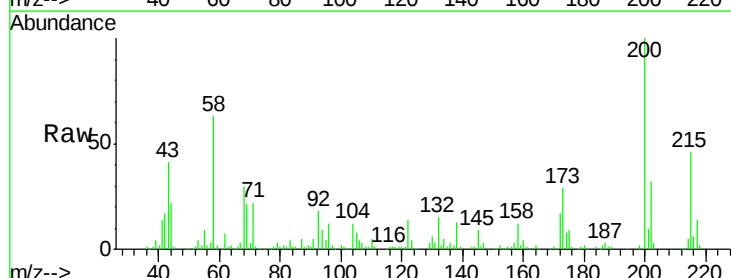
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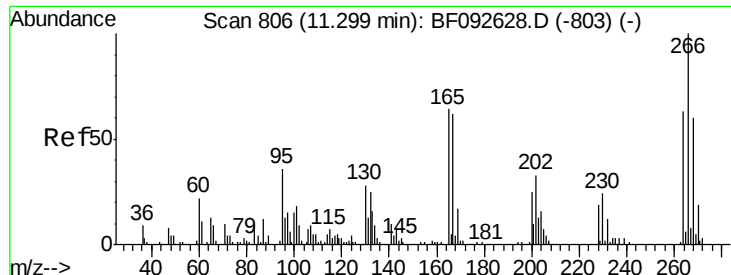
mohammad
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#68
Atrazine
Concen: 41.30 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	222542		
173	29.1	9.6	49.6	
215	46.3	25.7	65.7	





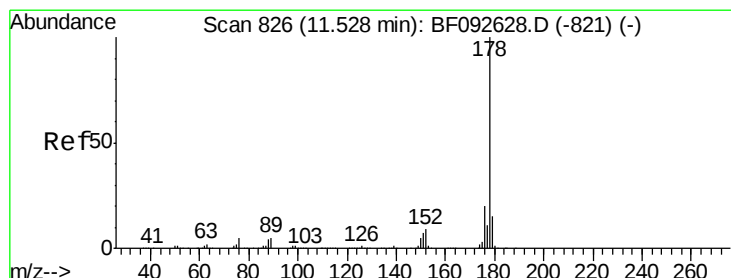
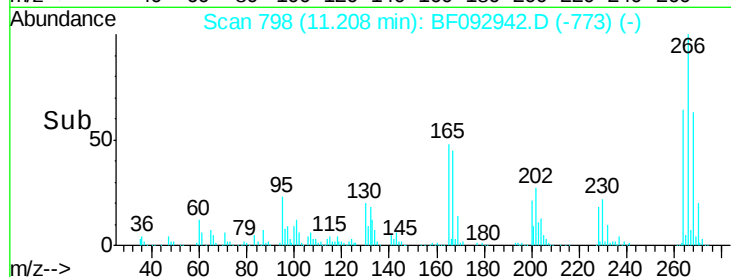
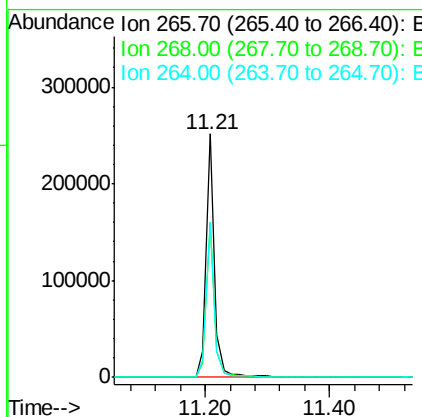
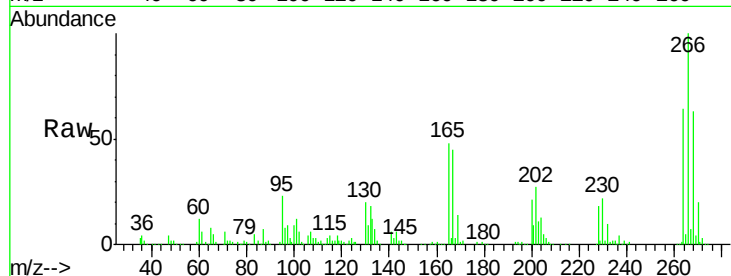
#69
 Pentachlorophenol
 Concen: 84.85 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	239033		
268	63.1	53.3	79.9	
264	63.9	50.3	75.5	

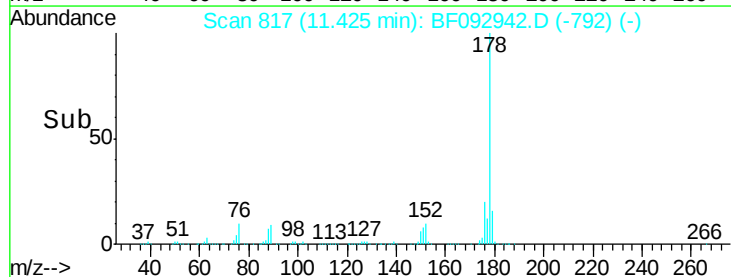
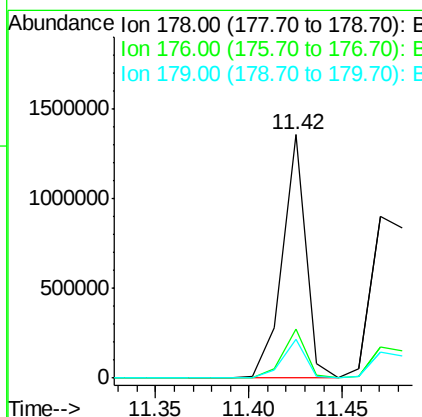
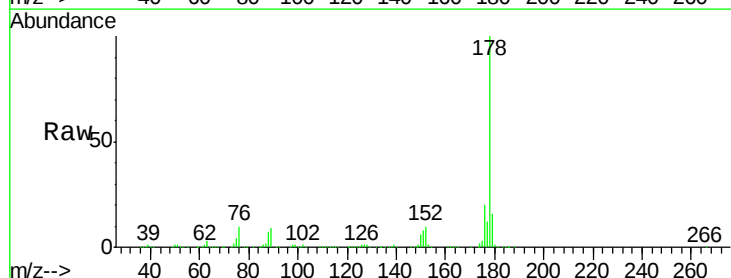
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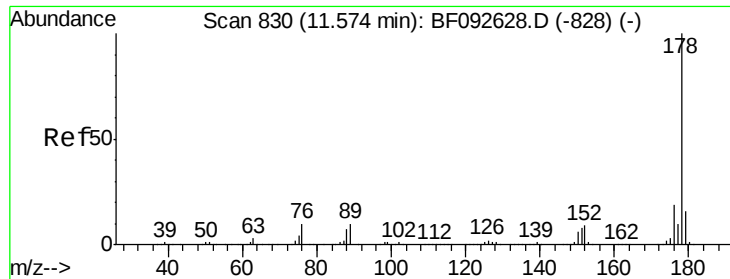
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#70
 Phenanthrene
 Concen: 39.50 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1189476		
176	19.9	16.6	25.0	
179	15.7	12.8	19.2	





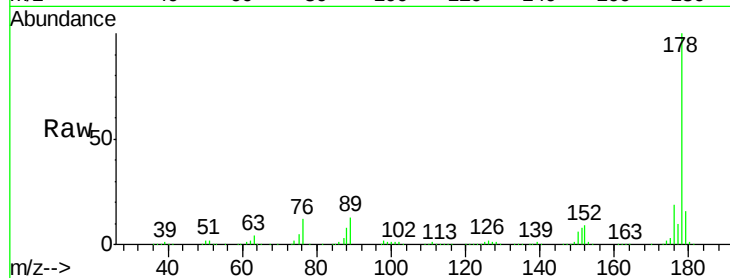
#71
 Anthracene
 Concen: 41.03 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

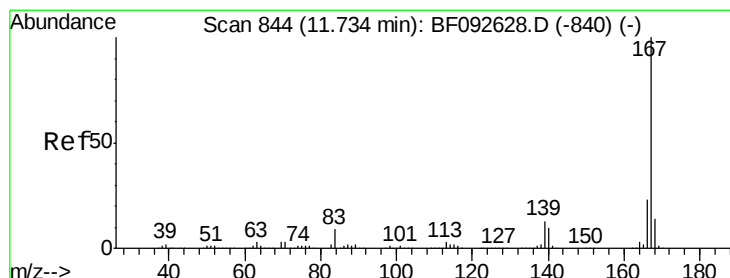
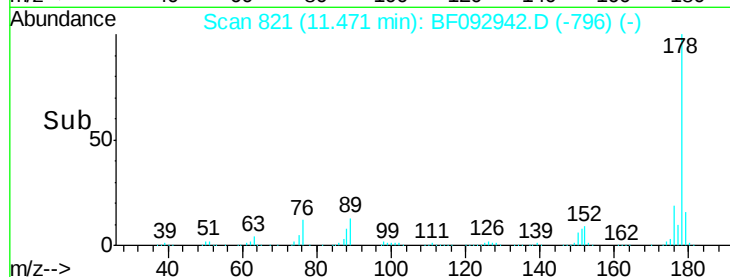
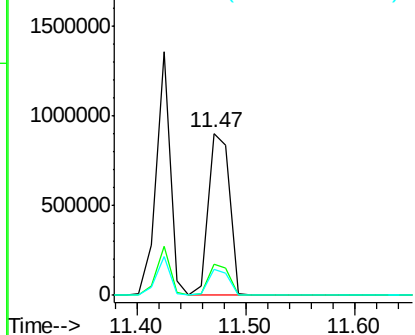
Tgt Ion:178 Resp: 1240756
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 16.0 13.2 19.8

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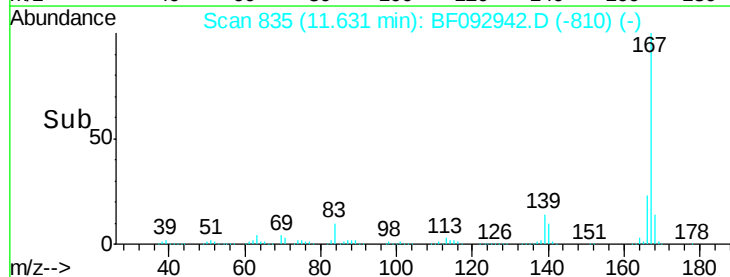
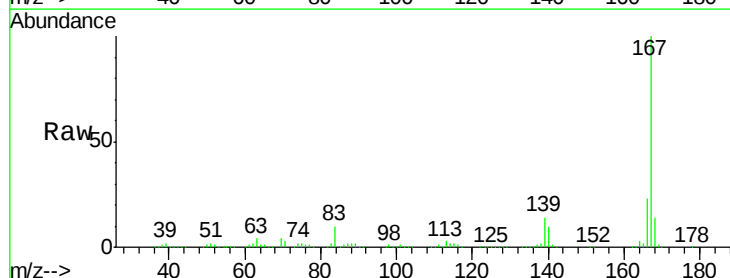
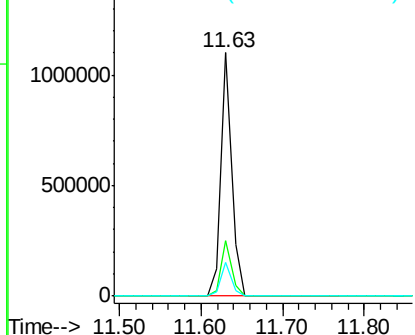
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

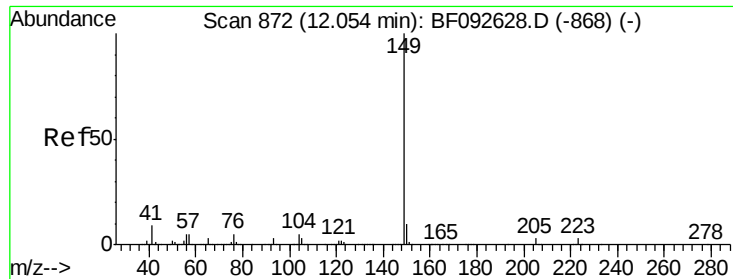


#72
 Carbazole
 Concen: 34.99 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion:167 Resp: 1011299
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.6 11.4 17.2

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





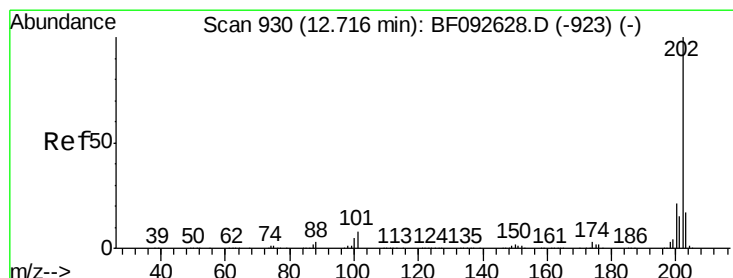
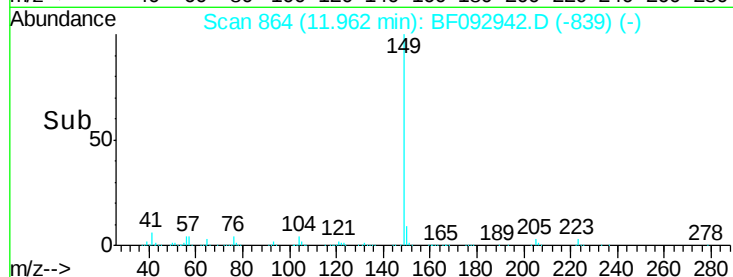
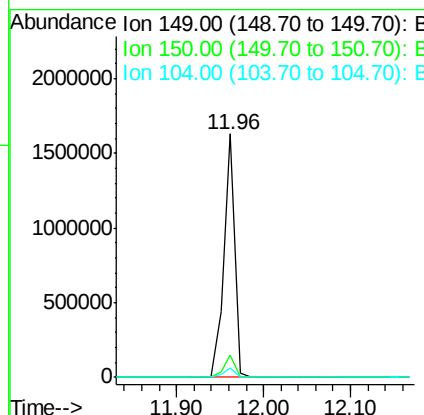
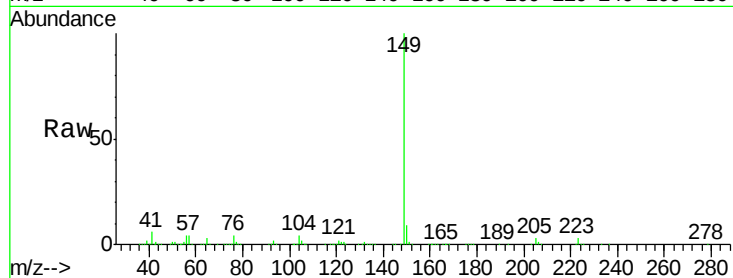
#73
Di-n-butylphthalate
Concen: 46.23 ng
RT: 11.96 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion:149 Resp: 1445282
Ion Ratio Lower Upper
149 100
150 9.2 8.1 12.1
104 4.1 4.6 7.0#

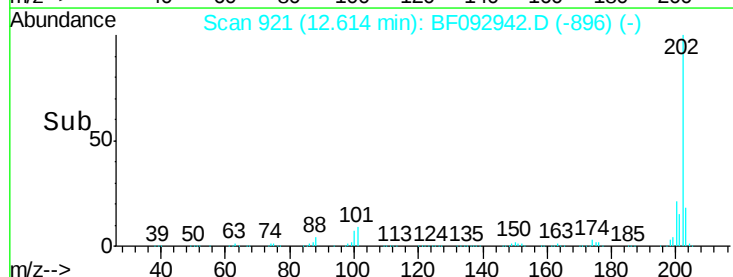
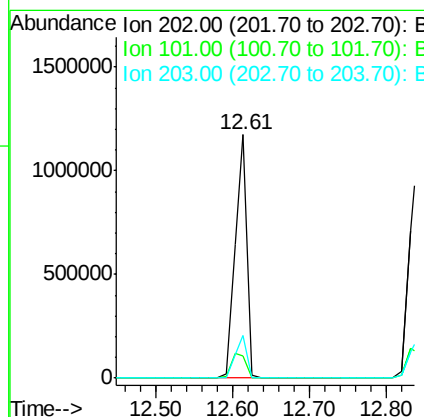
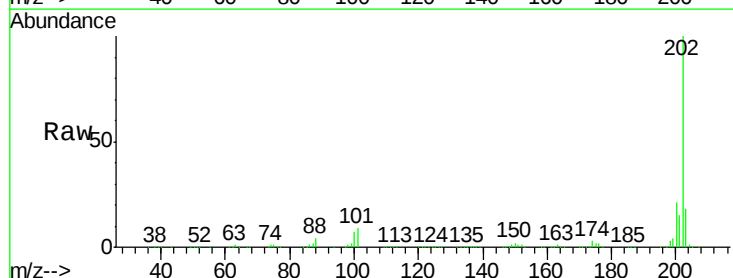
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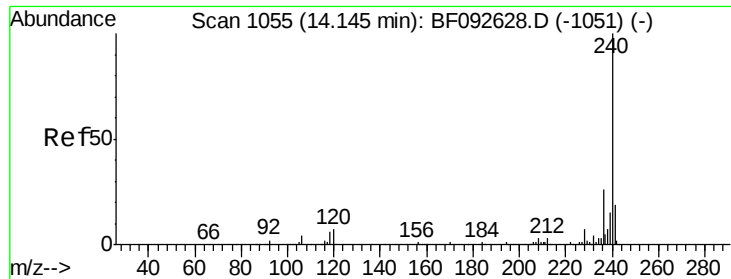
mohammad
2/15/2017 9:05:50 AM



#74
Fluoranthene
Concen: 41.28 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion:202 Resp: 1282258
Ion Ratio Lower Upper
202 100
101 9.2 0.0 34.6
203 17.7 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: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

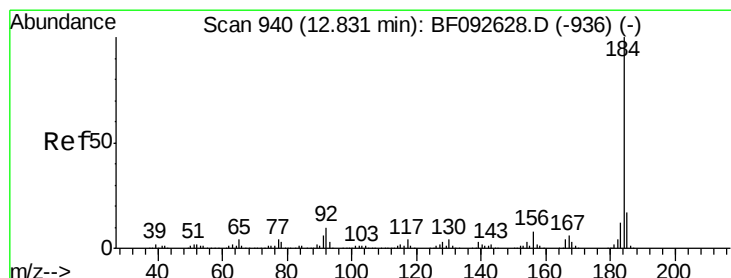
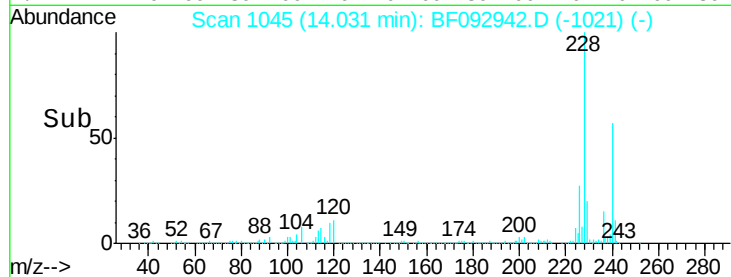
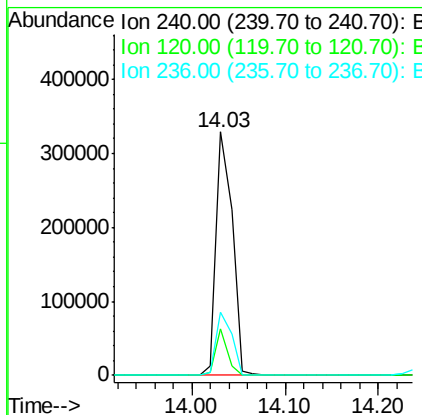
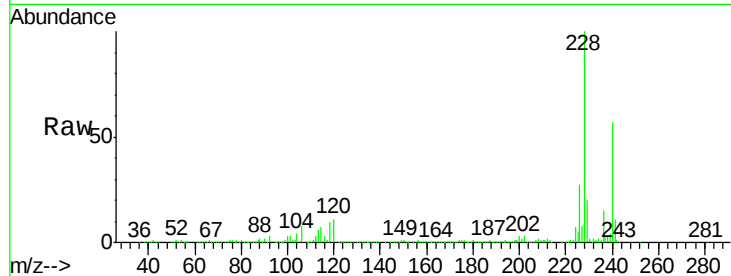
ClientSampleId :

PB96923BS

Tgt Ion:	240	Resp:	396476
Ion Ratio	Lower	Upper	
240	100		
120	19.2	12.9	19.3
236	25.7	20.9	31.3

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#76

Benzidine

Concen: 18.66 ng

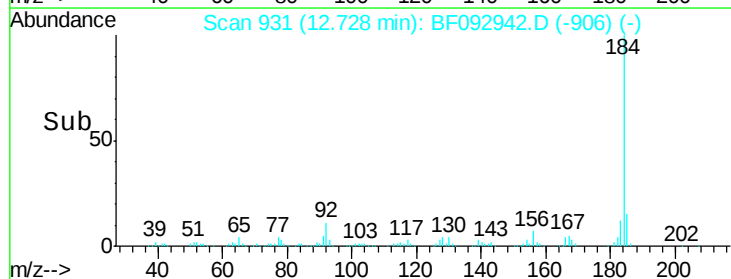
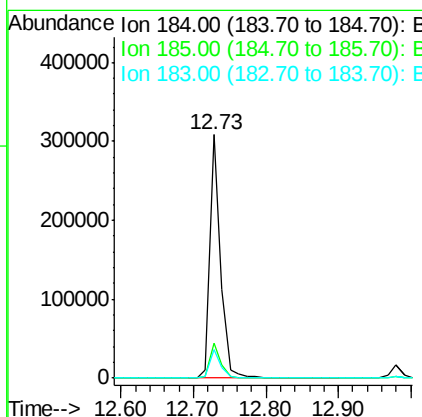
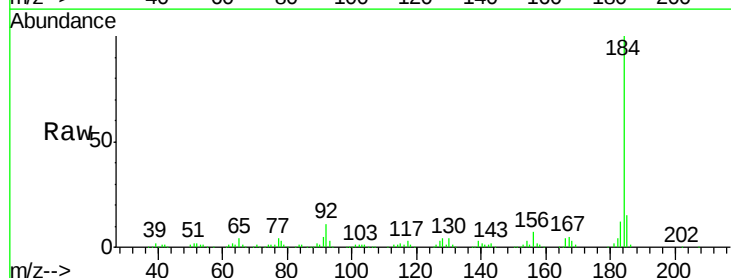
RT: 12.73 min Scan# 931

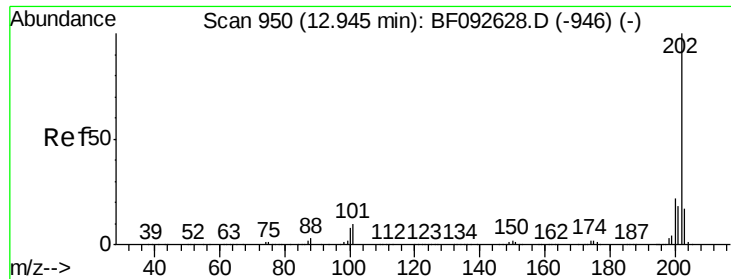
Delta R.T. -0.01 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Tgt Ion:	184	Resp:	315212
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.0
183	11.9	9.2	13.8





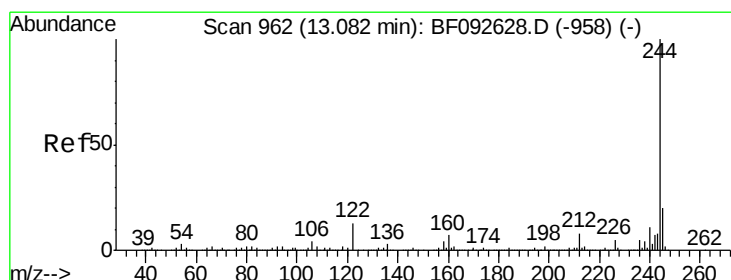
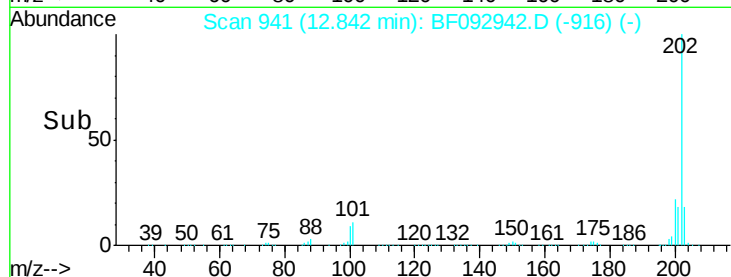
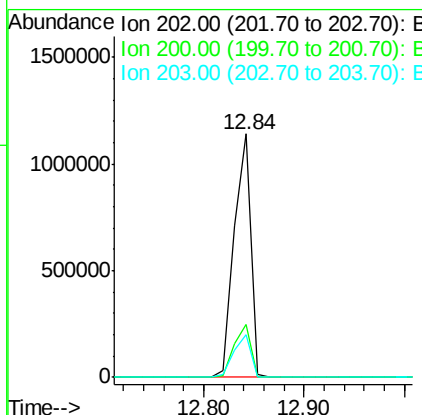
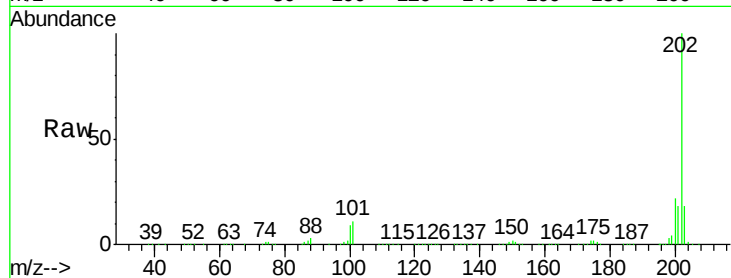
#77
 Pyrene
 Concen: 43.96 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.7	14.7	22.1

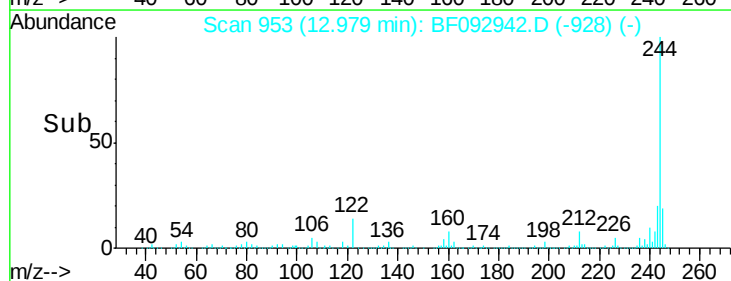
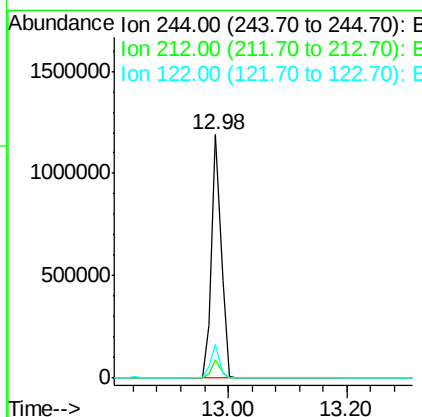
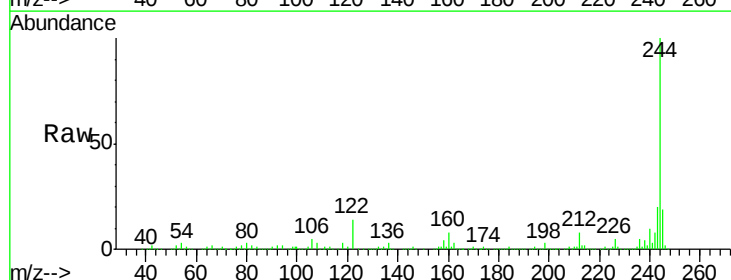
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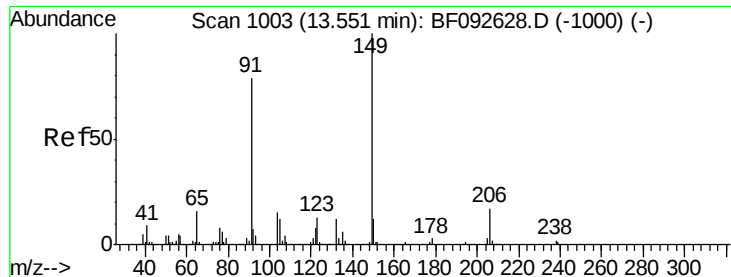
mohammad
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#78
 Terphenyl-d14
 Concen: 78.96 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.1	11.4	17.2





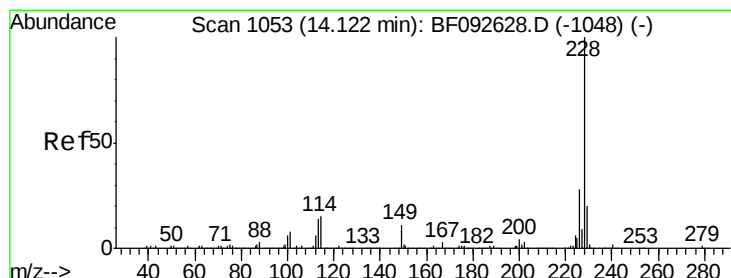
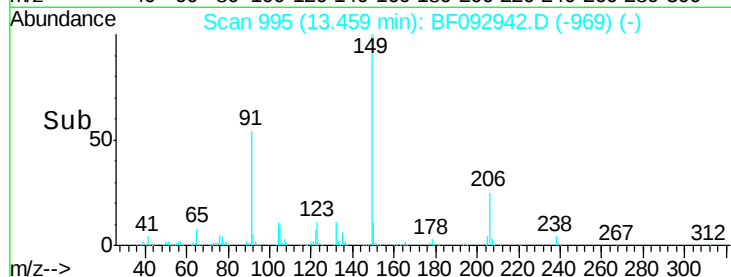
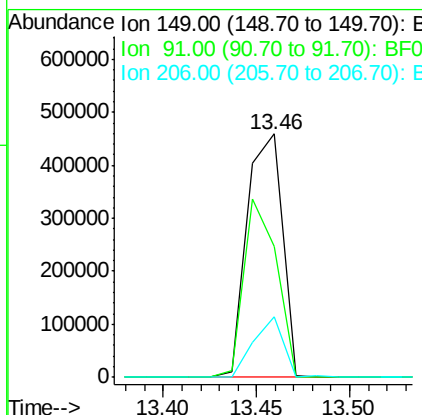
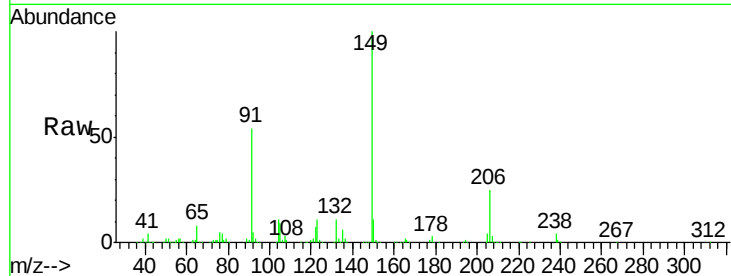
#79
Butylbenzylphthalate
Concen: 49.98 ng
RT: 13.46 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	54.0	63.9	95.9#
206	24.9	14.6	21.8#

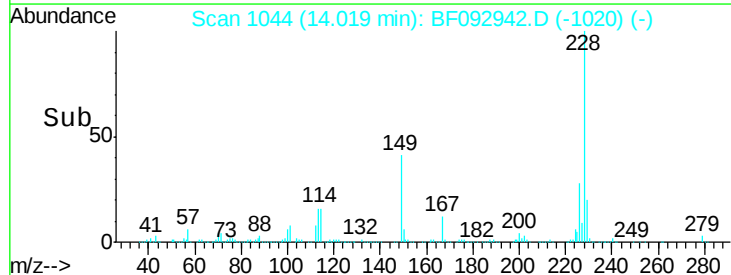
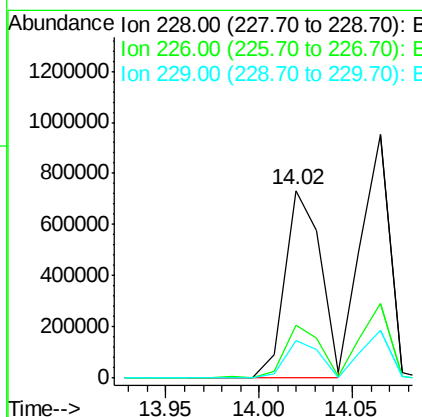
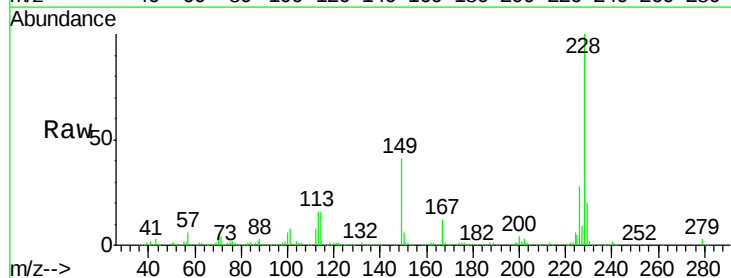
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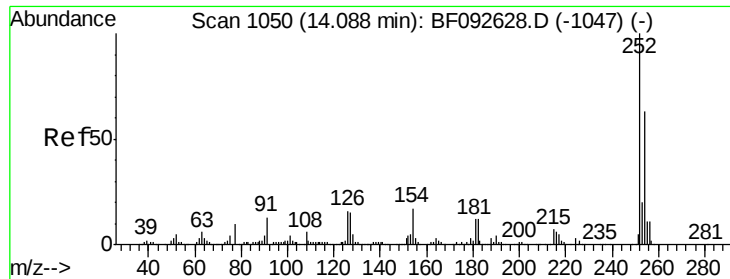
mohammad
2/15/2017 9:05:50 AM



#80
Benzo(a)anthracene
Concen: 40.26 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.4	33.6
229	20.2	16.2	24.4





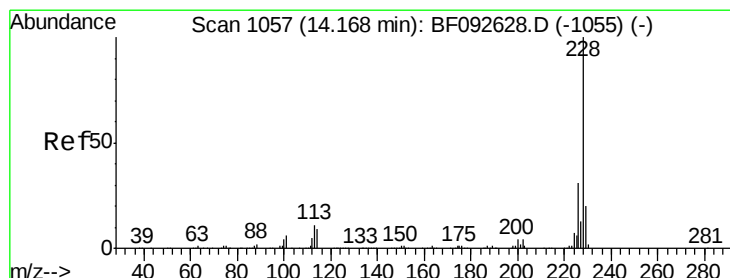
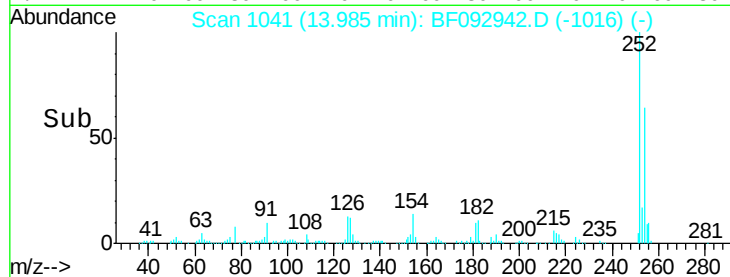
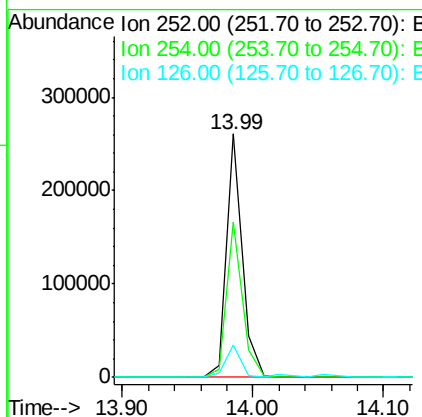
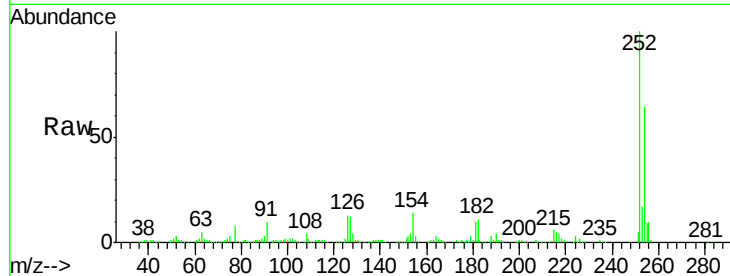
#81
 3,3'-Dichlorobenzidine
 Concen: 25.53 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	220655		
254	63.8	52.3	78.5	
126	13.4	13.6	20.4	

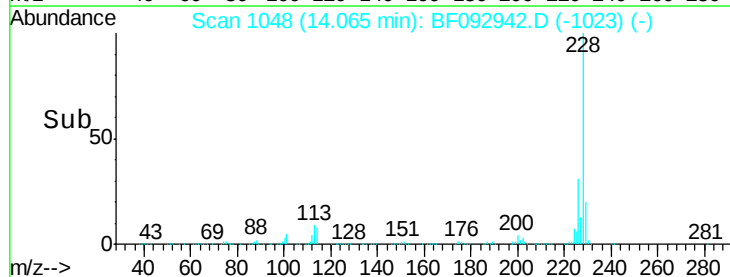
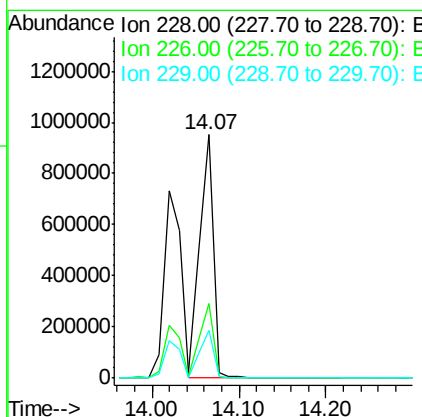
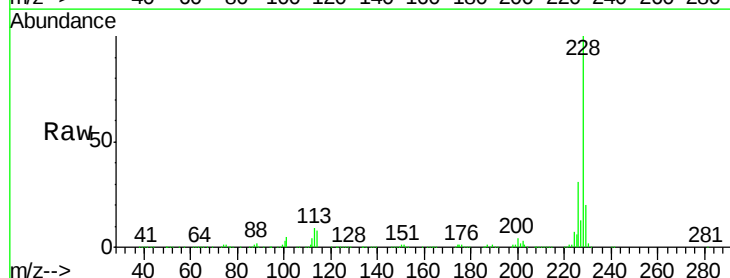
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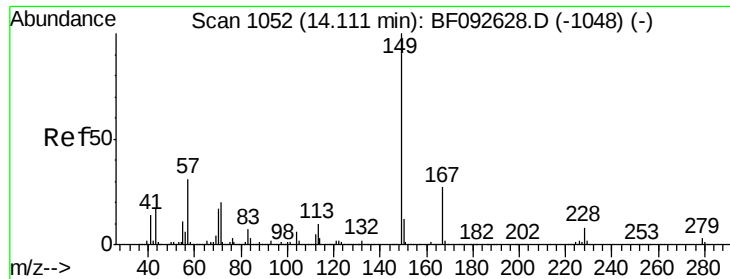
mohammad
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#82
 Chrysene
 Concen: 44.92 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1019897		
226	30.7	25.4	38.0	
229	19.5	16.2	24.2	





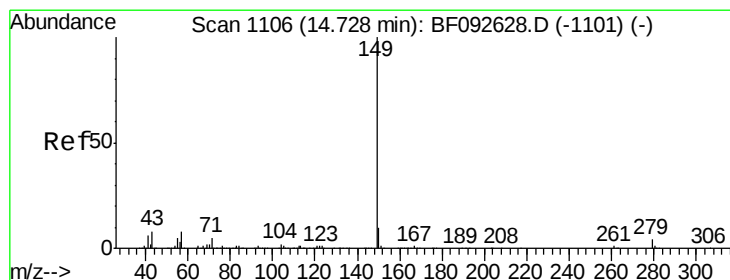
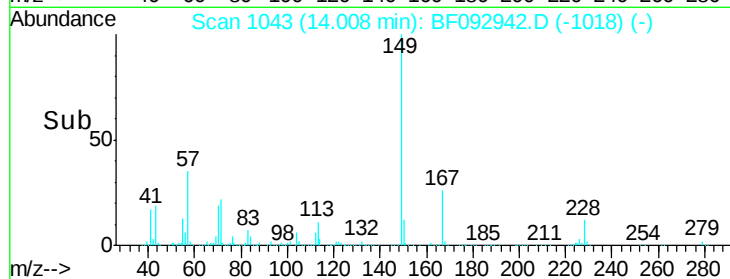
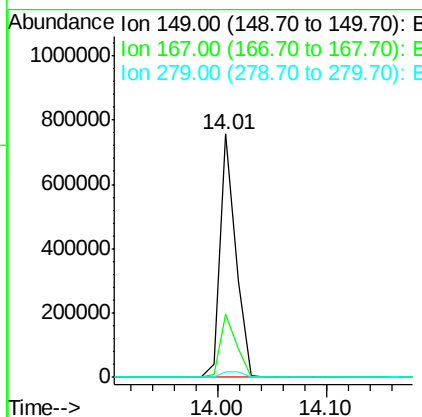
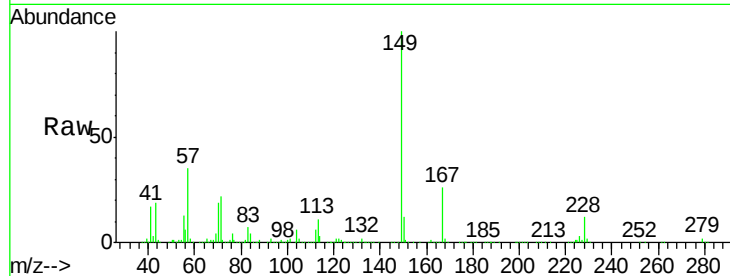
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.25 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.3	1.8	2.8

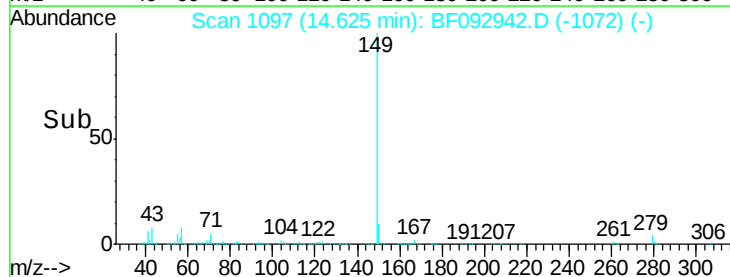
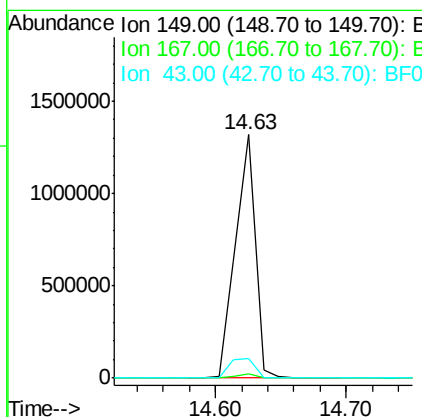
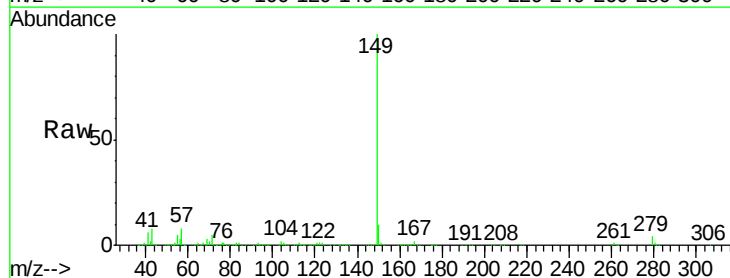
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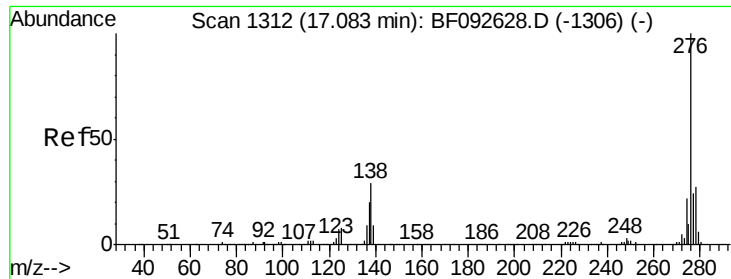
mohammad
 2/15/2017 9:05:50 AM



#84
 Di-n-octyl phthalate
 Concen: 51.62 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.7	8.9	13.3





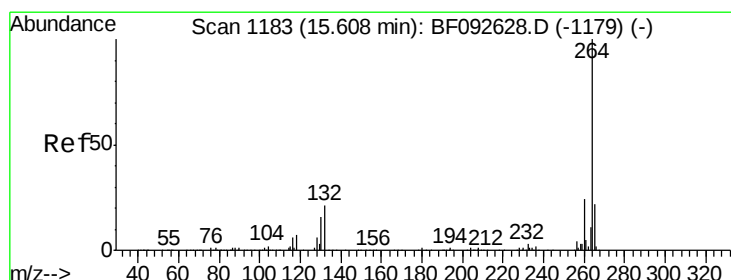
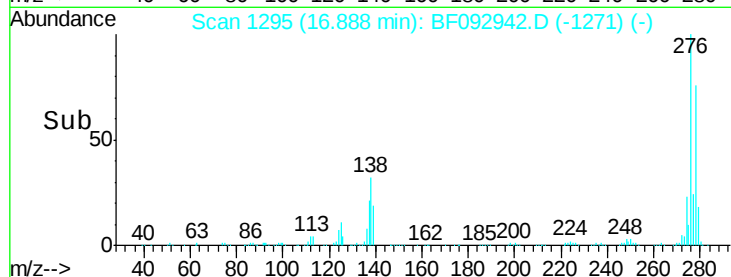
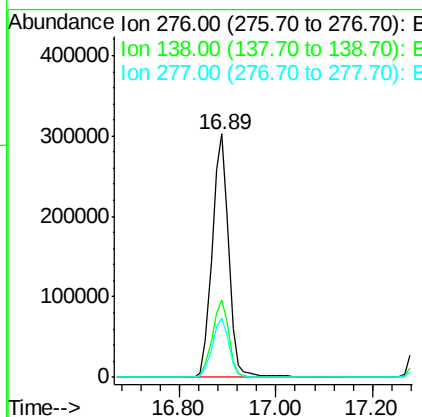
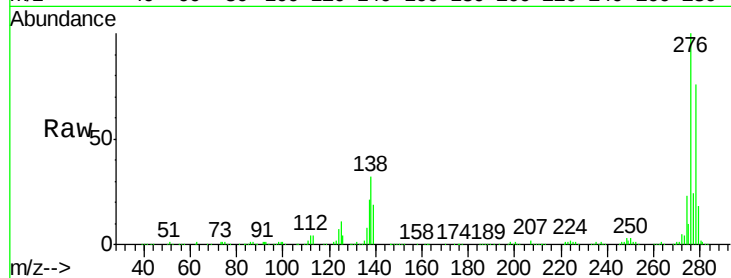
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.76 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB96923BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.6
277	24.8	20.2	30.4

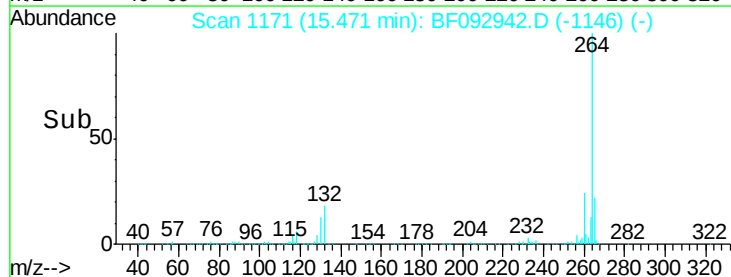
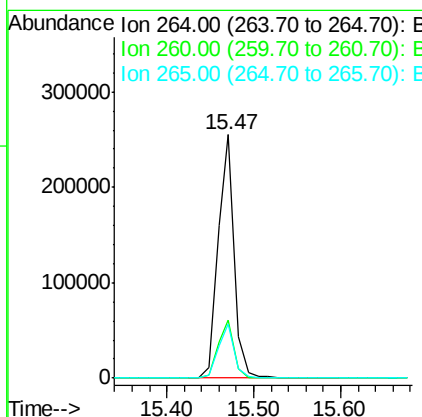
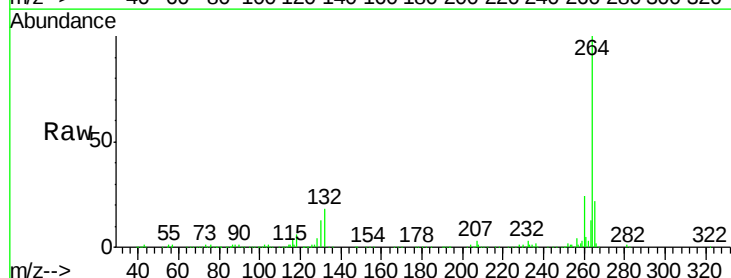
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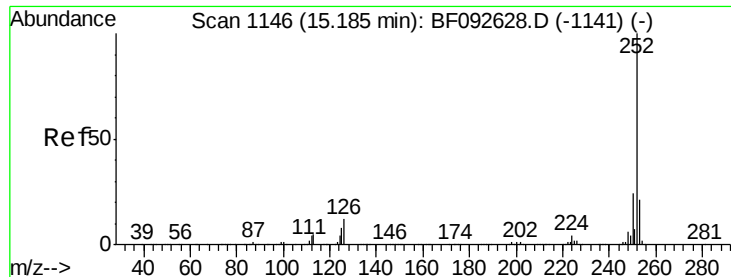
mohammad
 2/15/2017 9:05:50 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF092942.D
 Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.2	17.4	26.0





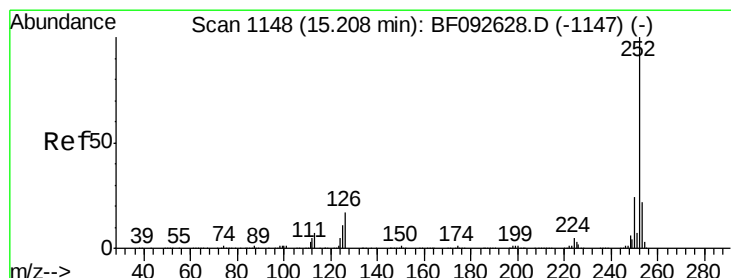
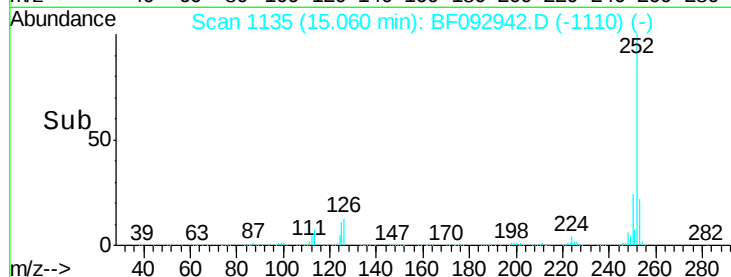
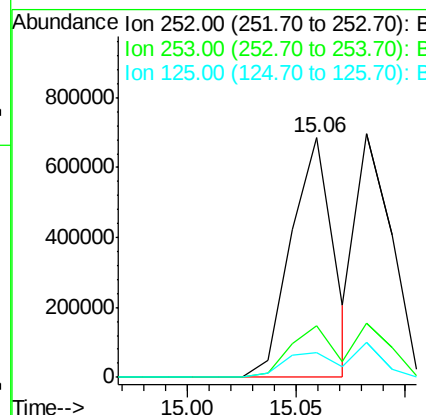
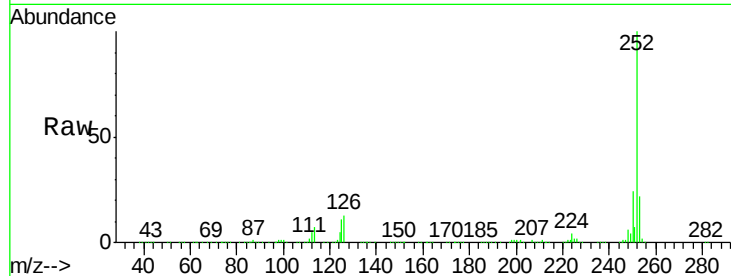
#87
Benzo(b)fluoranthene
Concen: 42.88 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.5	9.8	14.6

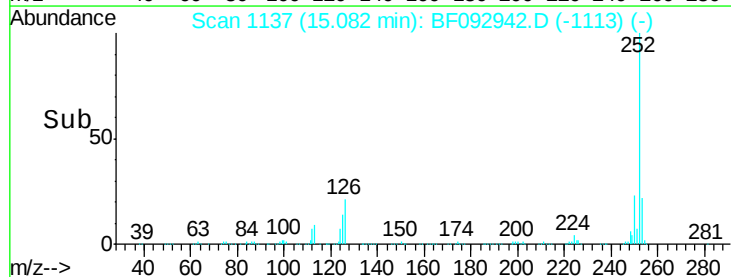
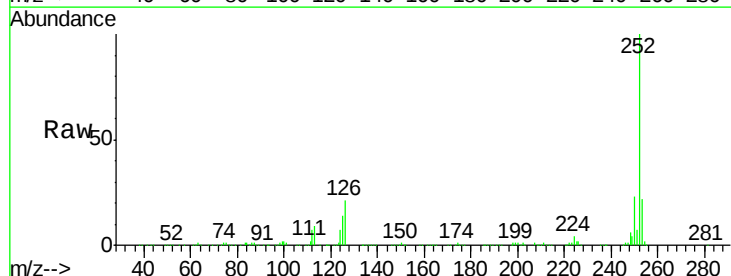
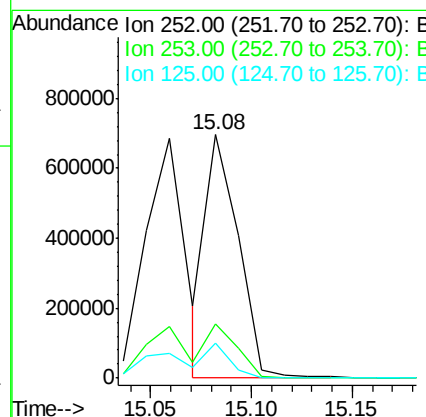
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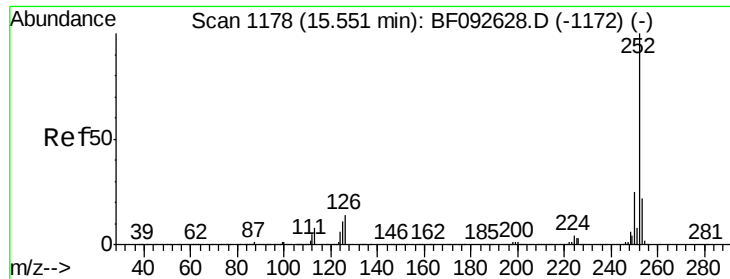
mohammad
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#88
Benzo(k)fluoranthene
Concen: 41.71 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	14.1	8.9	13.3#





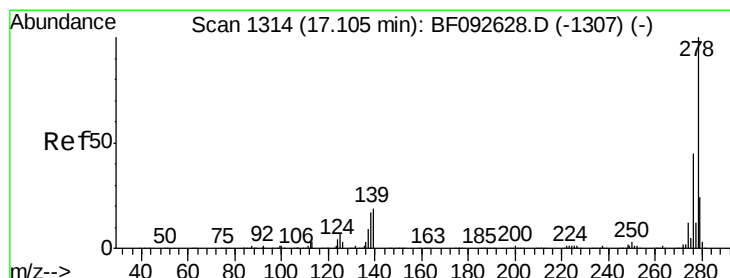
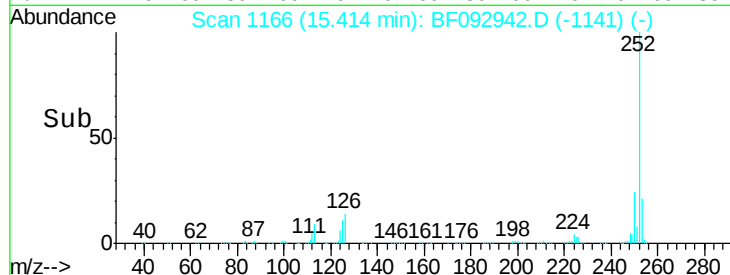
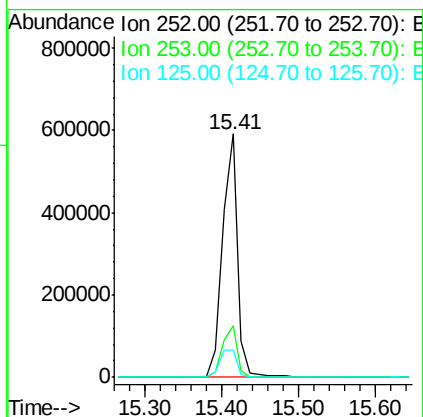
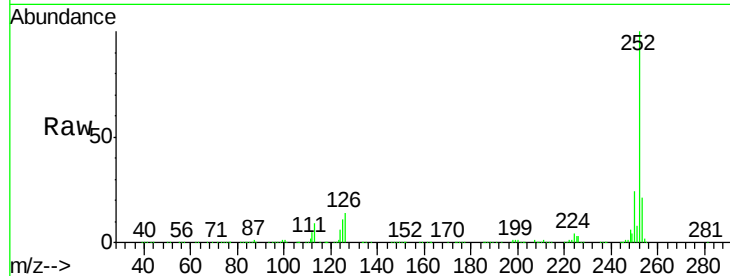
#89
Benzo(a)pyrene
Concen: 43.10 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Instrument :
BNA_F
ClientSampleId :
PB96923BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	812207		
253	21.1	18.2	27.2	
125	11.5	10.0	15.0	

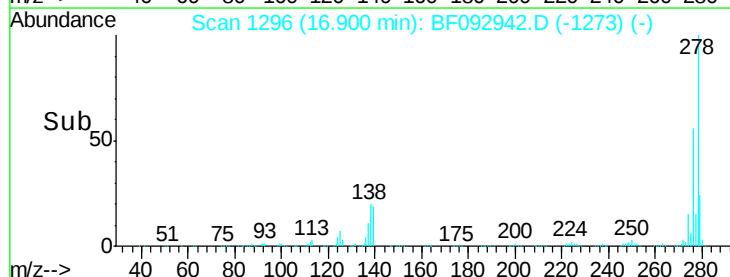
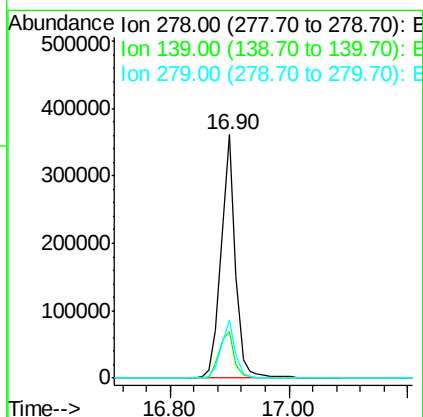
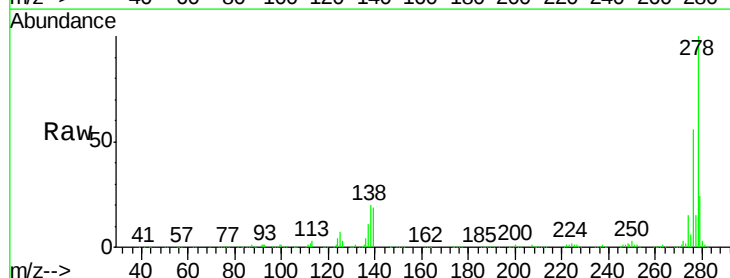
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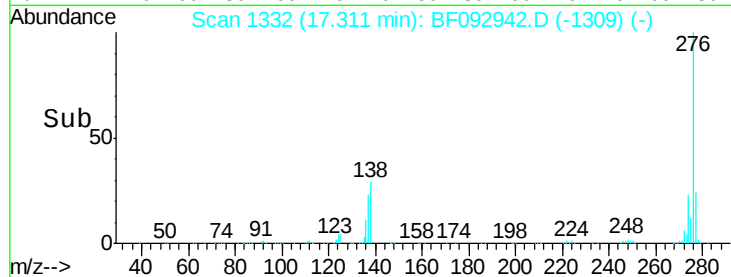
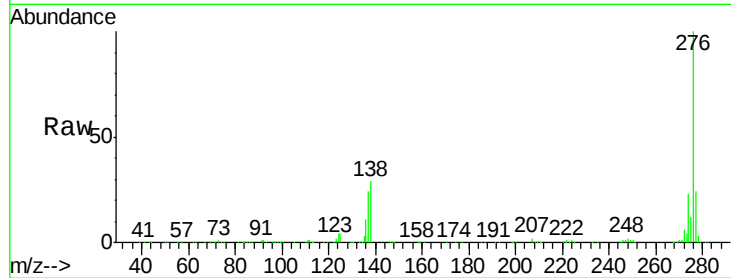
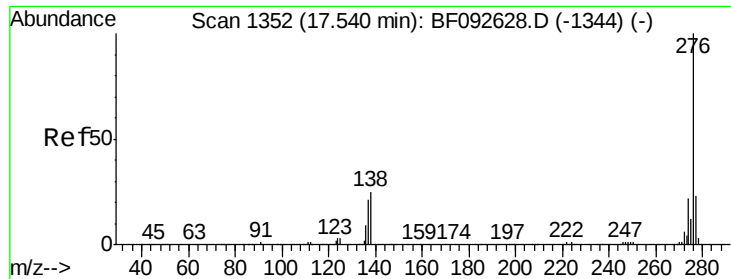
mohammad
2/15/2017 9:05:50 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.15 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092942.D
Acq: 14 Feb 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	611468		
139	19.3	14.8	22.2	
279	24.1	19.8	29.6	





#91

Benzo(g,h,i)perylene

Concen: 39.71 ng

RT: 17.31 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF092942.D

Acq: 14 Feb 2017 14:26

Instrument :

BNA_F

ClientSampleId :

PB96923BS

Tgt	Ion	276	Resp:	610881
Ion	Ratio	Lower	Upper	
276	100			
277	23.5	19.2	28.8	
138	28.7	16.0	24.0	#

Manual Integrations
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mohammad
2/15/2017 9:05:50 AM

