

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092773.D
 Acq On : 3 Feb 2017 12:03
 Operator : SJ/MA
 Sample : PB96683BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Manual Integrations
 APPROVED

mohammad
 2/3/2017 1:23:13 PM

Quant Time: Feb 03 13:16:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	143770	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	565556	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	305965	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	502149	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	297415	20.00	ng	-0.05
86) Perylene-d12	15.56	264	294946	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	963493	114.97	ng	-0.02
7) Phenol-d6	6.58	99	1257952	116.67	ng	-0.02
23) Nitrobenzene-d5	7.50	82	819049	80.65	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	267264	120.77	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1450507	85.89	ng	-0.03
78) Terphenyl-d14	13.05	244	1056671	83.48	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	183054	40.43	ng	# 84
3) Pyridine	3.39	79	533108	46.30	ng	85
4) n-Nitrosodimethylamine	3.36	42	280993	51.97	ng	85
6) Aniline	6.60	93	268250	18.24	ng	# 49
8) 2-Chlorophenol	6.73	128	397380	42.98	ng	90
9) Benzaldehyde	6.48	77	211252	27.35	ng	91
10) Phenol	6.59	94	448067	35.52	ng	87
11) bis(2-Chloroethyl)ether	6.67	93	389889	38.72	ng	94
12) 1,3-Dichlorobenzene	6.88	146	460790	42.55	ng	96
13) 1,4-Dichlorobenzene	6.96	146	453615	41.39	ng	92
14) 1,2-Dichlorobenzene	7.10	146	403534	38.51	ng	99
15) Benzyl Alcohol	7.08	79	341685	42.80	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	713768	40.80	ng	94
17) 2-Methylphenol	7.20	107	319850	40.33	ng	97
18) Hexachloroethane	7.45	117	146011	39.03	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	282981	41.23	ng	# 94
20) 3+4-Methylphenols	7.36	107	404672	42.67	ng	# 87
22) Acetophenone	7.34	105	511165	39.59	ng	# 94
24) Nitrobenzene	7.53	77	420108	40.28	ng	# 78
25) Isophorone	7.76	82	773539	40.87	ng	95
26) 2-Nitrophenol	7.84	139	197670	39.88	ng	94
27) 2,4-Dimethylphenol	7.88	122	364100	41.82	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	484205	38.63	ng	98
29) 2,4-Dichlorophenol	8.09	162	359355	44.26	ng	95
30) 1,2,4-Trichlorobenzene	8.17	180	376274	43.00	ng	98
31) Naphthalene	8.25	128	1135321	39.60	ng	99
32) Benzoic acid	8.01	122	180678	38.33	ng	97
33) 4-Chloroaniline	8.29	127	106573	9.48	ng	97
34) Hexachlorobutadiene	8.36	225	189995	39.47	ng	99
35) Caprolactam	8.67	113	109670	42.94	ng	# 47
36) 4-Chloro-3-methylphenol	8.78	107	357178	42.19	ng	97
37) 2-Methylnaphthalene	8.94	142	760387	41.31	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	335973	39.12	ng	99
40) Hexachlorocyclopentadiene	9.09	237	210876	54.42	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	235368	41.71	nq	93
43) 2,4,5-Trichlorophenol	9.26	196	247518	40.03	nq #	87
45) 1,1'-Biphenyl	9.40	154	862645	38.94	nq	98
46) 2-Chloronaphthalene	9.42	162	692434	39.95	nq	95
47) 2-Nitroaniline	9.53	65	241454	41.44	nq	93
48) Acenaphthylene	9.85	152	1181237	39.45	nq	98
49) Dimethylphthalate	9.71	163	862857	41.87	nq	99
50) 2,6-Dinitrotoluene	9.77	165	184395	41.43	nq #	89
51) Acenaphthene	10.02	154	739241	41.30	nq	97
52) 3-Nitroaniline	9.94	138	94012	18.46	nq	82
53) 2,4-Dinitrophenol	10.04	184	106653	49.05	nq #	74
54) Dibenzofuran	10.19	168	1125542	47.01	nq	93
55) 4-Nitrophenol	10.11	139	255145	69.55	nq	93
56) 2,4-Dinitrotoluene	10.17	165	240298	40.55	nq	92
57) Fluorene	10.53	166	829231	45.02	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.30	232	191140	46.34	nq	99
59) Diethylphthalate	10.41	149	938462	48.32	nq	95
60) 4-Chlorophenyl-phenylether	10.52	204	391887	44.28	nq #	85
61) 4-Nitroaniline	10.56	138	224888	43.11	nq	82
62) Azobenzene	10.68	77	1059888	52.82	nq	94
64) 4,6-Dinitro-2-methylphenol	10.58	198	104801	35.05	nq	82
65) n-Nitrosodiphenylamine	10.64	169	716877	44.69	nq	100
66) 4-Bromophenyl-phenylether	11.01	248	238812	45.52	nq #	85
67) Hexachlorobenzene	11.07	284	213896	41.26	nq #	72
68) Atrazine	11.17	200	240757	46.77	nq	92
69) Pentachlorophenol	11.28	266	203976	76.56	nq	98
70) Phenanthrene	11.49	178	1218540	42.36	nq	99
71) Anthracene	11.54	178	1106202	38.29	nq	99
72) Carbazole	11.70	167	1076482	38.98	nq	98
73) Di-n-butylphthalate	12.02	149	1368081	45.81	nq	98
74) Fluoranthene	12.67	202	1027327	34.62	nq	96
76) Benzidine	12.80	184	286839	22.63	nq	97
77) Pyrene	12.91	202	956215	42.96	nq	98
79) Butylbenzylphthalate	13.52	149	448030	49.57	nq	97
80) Benzo(a)anthracene	14.09	228	755559	41.54	nq	100
81) 3,3'-Dichlorobenzidine	14.05	252	210354	32.44	nq #	95
82) Chrysene	14.13	228	727306	42.70	nq	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	634549	51.34	nq #	97
84) Di-n-octyl phthalate	14.68	149	1008060	50.08	nq	100
85) Indeno(1,2,3-cd)pyrene	17.03	276	747058	56.63	nq	96
87) Benzo(b)fluoranthene	15.14	252	765511	39.43	nq	97
88) Benzo(k)fluoranthene	15.16	252	702551m	41.91	nq	
89) Benzo(a)pyrene	15.51	252	724845	43.16	nq	97
90) Dibenzo(a,h)anthracene	17.04	278	637222	46.95	nq	97
91) Benzo(g,h,i)perylene	17.47	276	617732	45.05	nq #	93

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

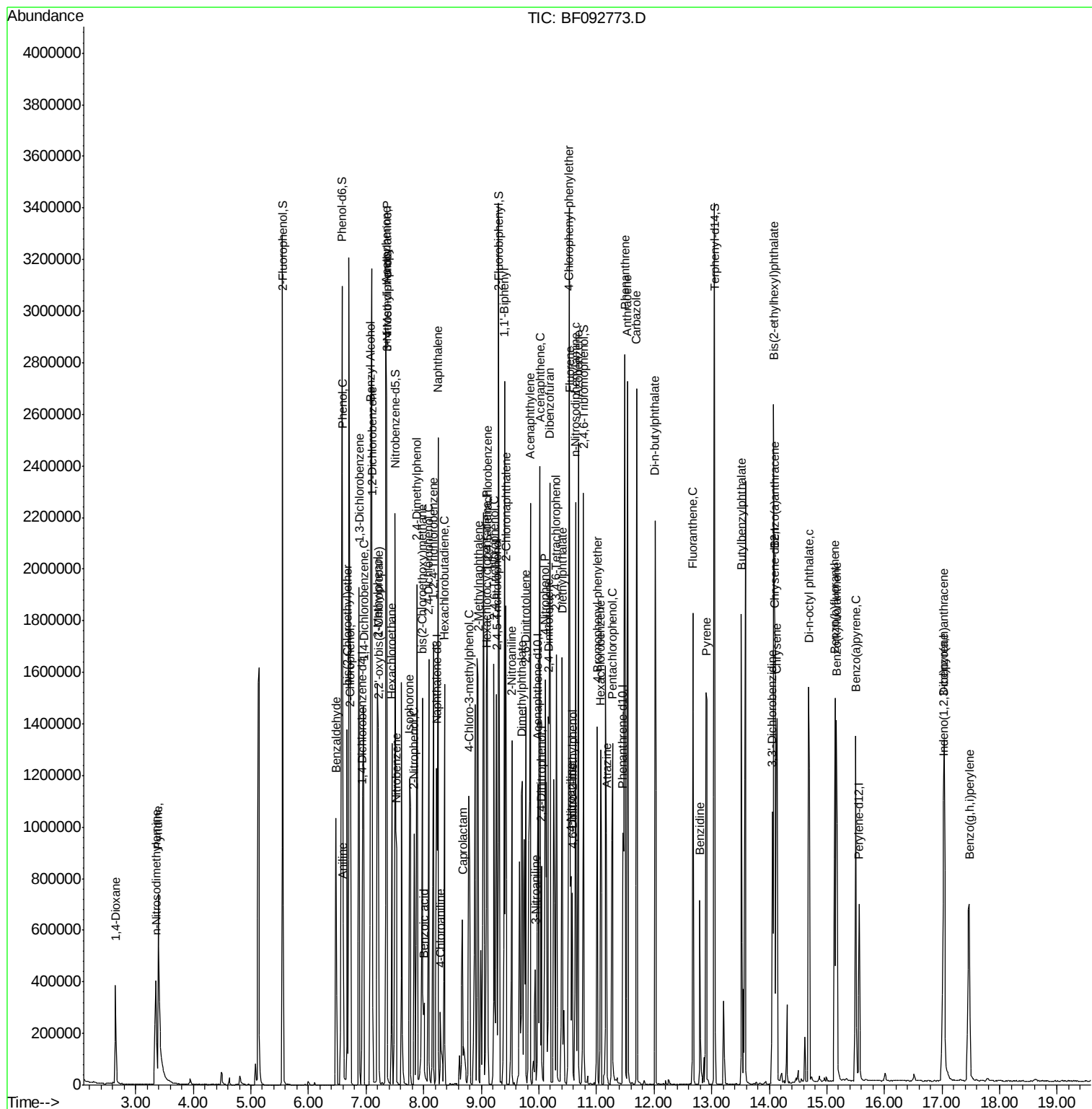
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Operator  : SJ/MA  
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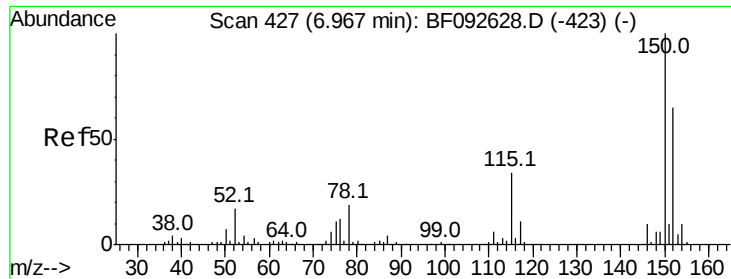
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

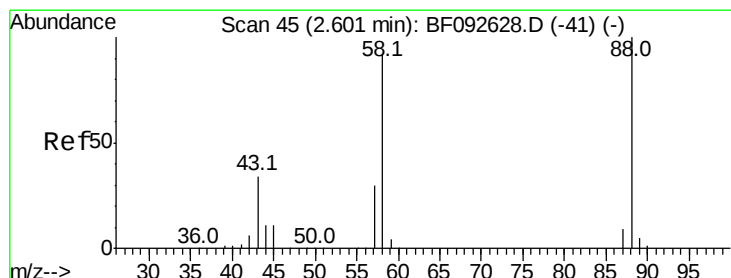
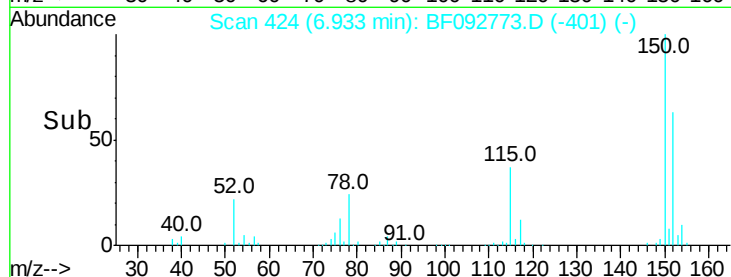
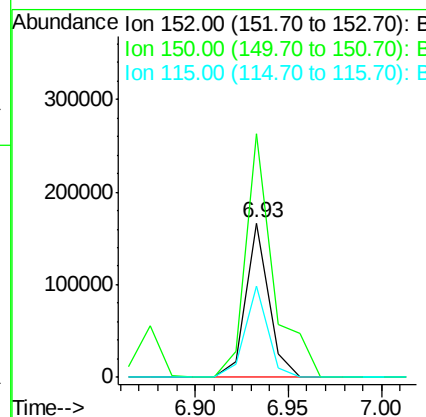
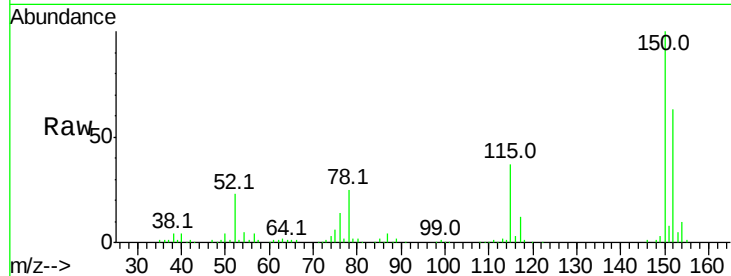
ClientSampleId :

PB96683BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.9	187.3
115	58.7	46.0	69.0

Manual Integrations
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#2

1,4-Dioxane

Concen: 40.43 ng

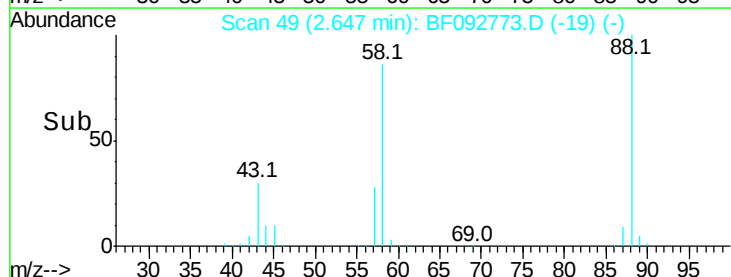
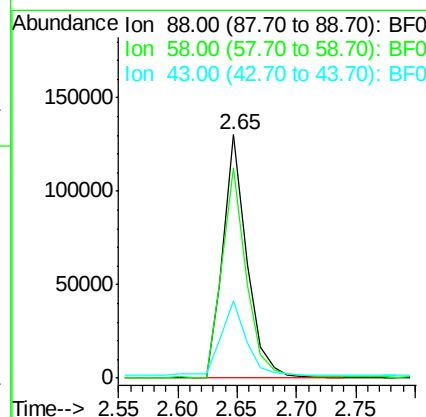
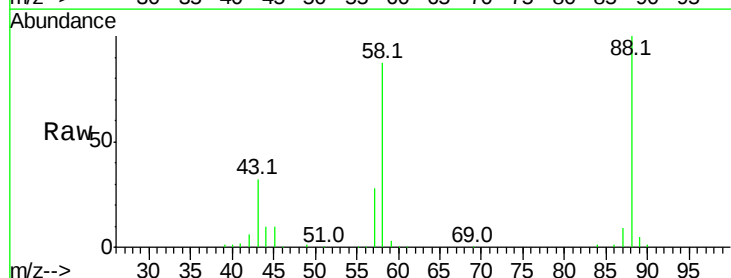
RT: 2.65 min Scan# 49

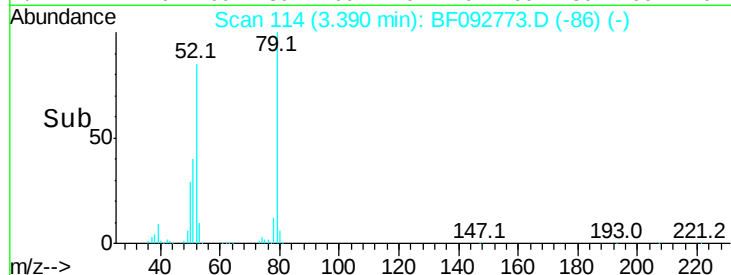
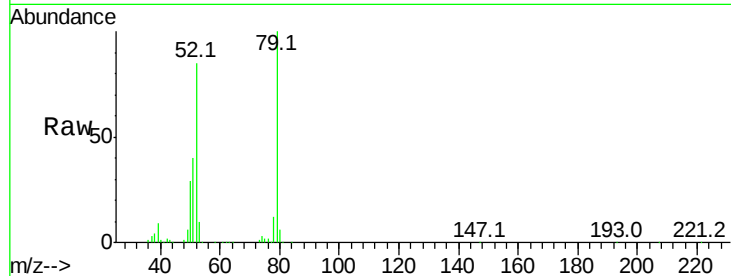
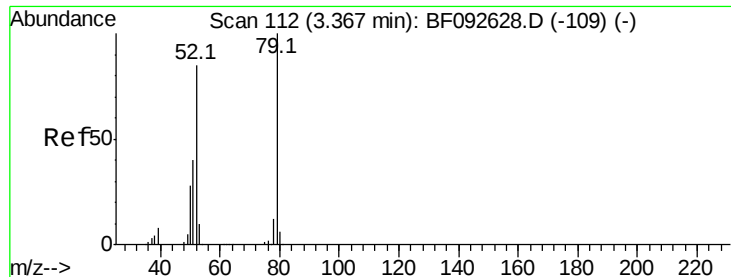
Delta R.T. 0.05 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	57.8	86.8#
43	33.1	22.3	33.5





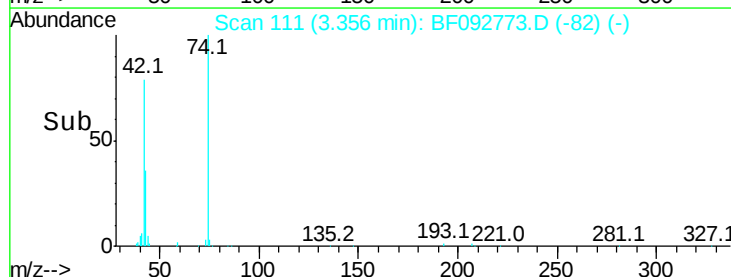
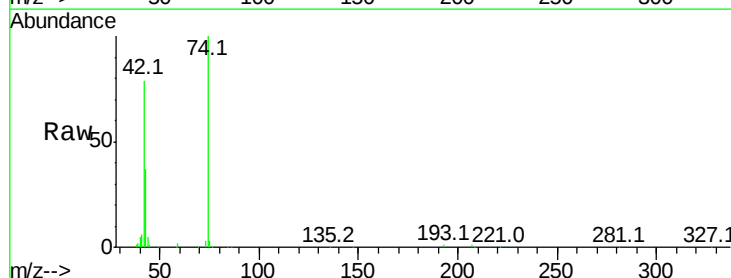
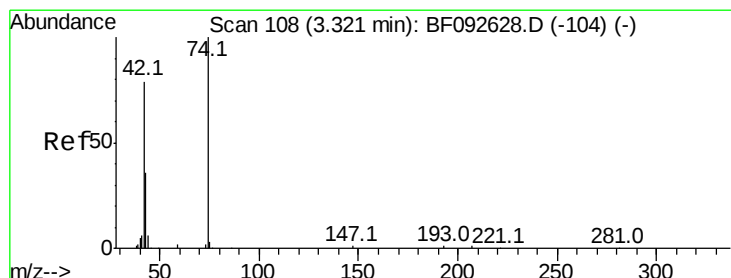
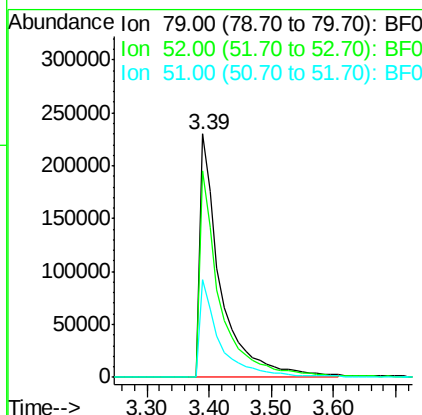
#3
 Pvridine
 Concen: 46.30 ng
 RT: 3.39 min Scan# 114
 Delta R.T. 0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	85.0	57.1	85.7
51	40.1	27.3	40.9

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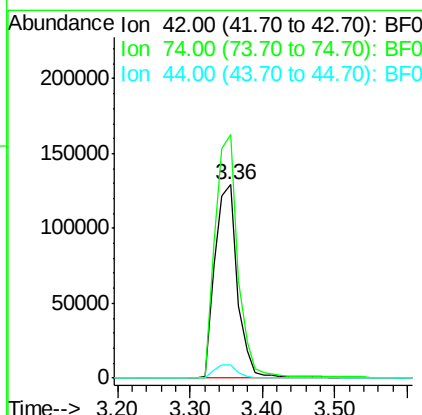
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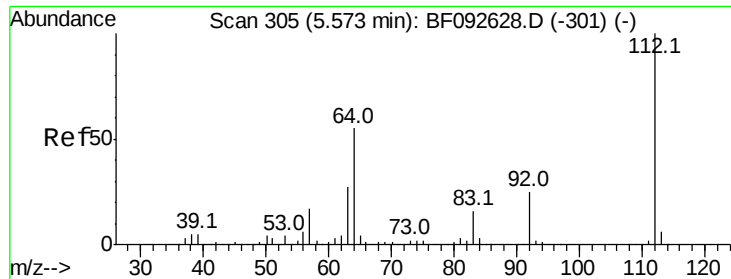
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#4
 n-Nitrosodimethylamine
 Concen: 51.97 ng
 RT: 3.36 min Scan# 111
 Delta R.T. 0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.0	117.0	175.4
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 114.97 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

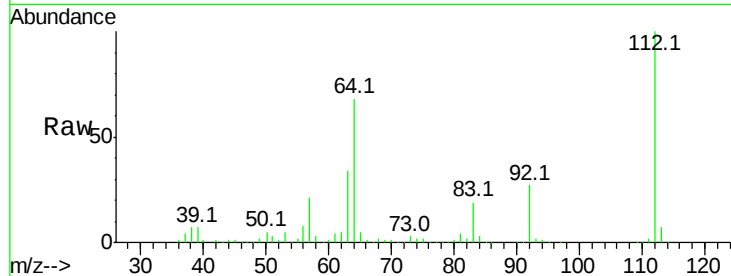
ClientSampleId :

PB96683BS

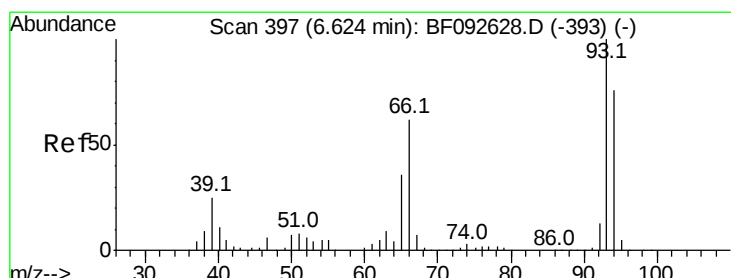
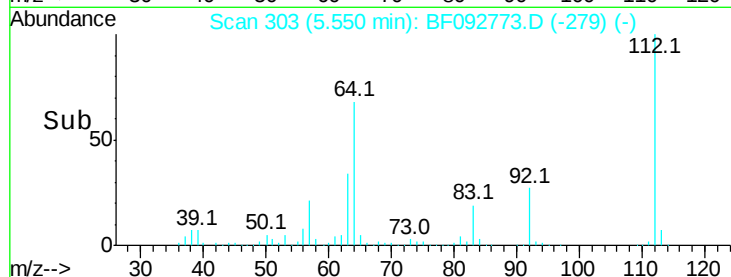
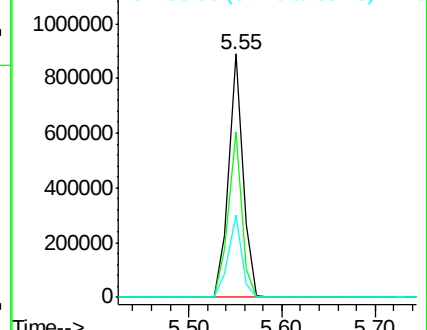
Tot Ion:	112	Resp:	963493
Ion Ratio	Lower	Upper	
112	100		
64	68.0	46.1	69.1
63	33.8	23.8	35.6

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 18.24 ng

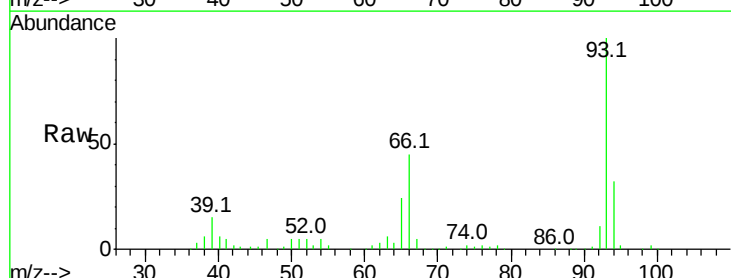
RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

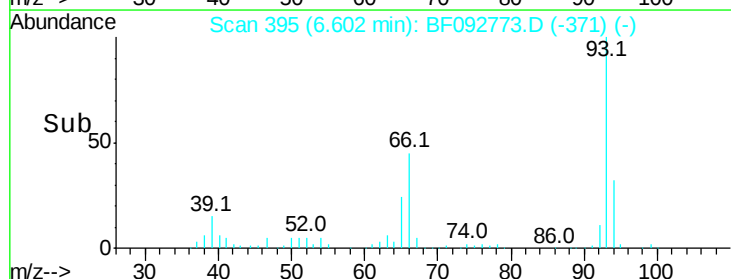
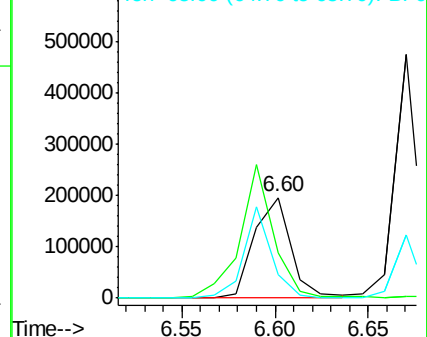
Lab File: BF092773.D

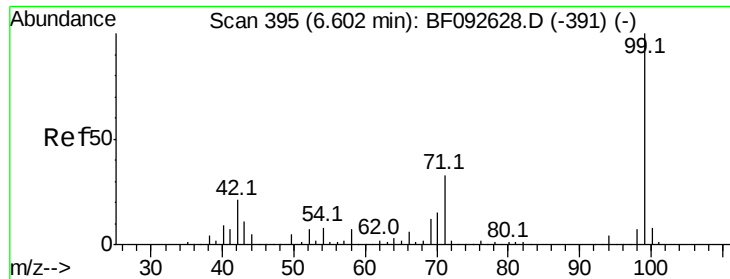
Acq: 3 Feb 2017 12:03

Tgt Ion:	93	Resp:	268250
Ion Ratio	Lower	Upper	
93	100		
66	44.9	76.2	114.2#
65	23.8	49.3	73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 116.67 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

ClientSampleId :

PB96683BS

Tot Ion: 99 Resp: 1257952

Ion Ratio Lower Upper

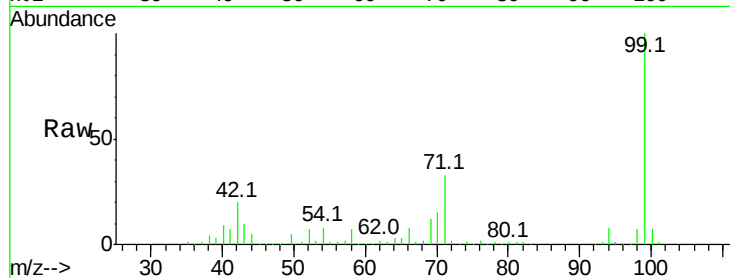
99 100

42 19.8 15.6 23.4

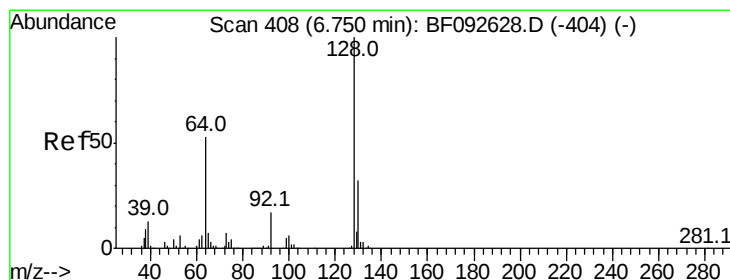
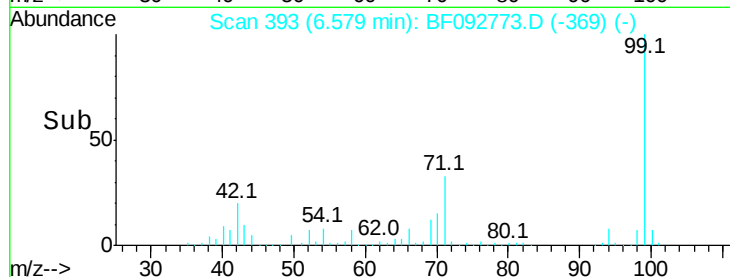
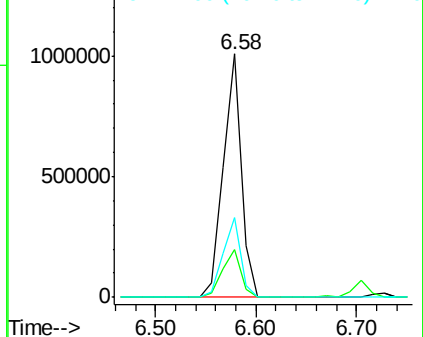
71 32.6 27.5 41.3

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



#8

2-Chlorophenol

Concen: 42.98 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

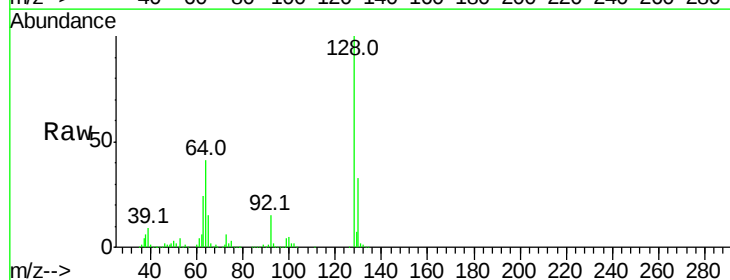
Tgt Ion: 128 Resp: 397380

Ion Ratio Lower Upper

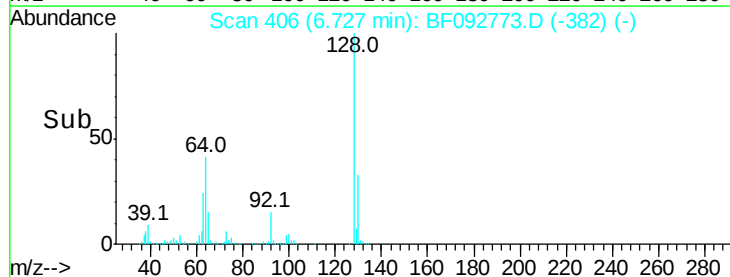
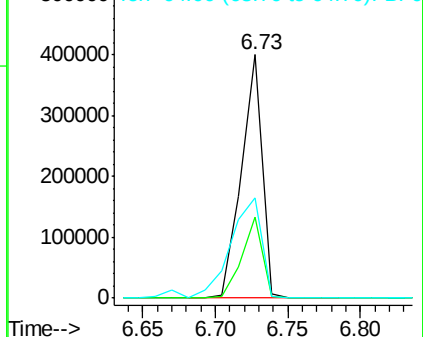
128 100

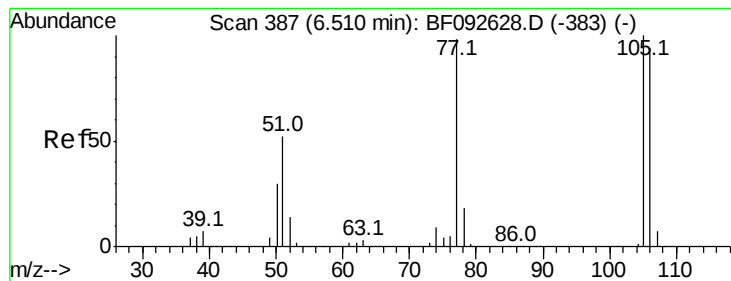
130 33.4 12.3 52.3

64 41.3 32.2 72.2



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





#9

Benzaldehyde

Concen: 27.35 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

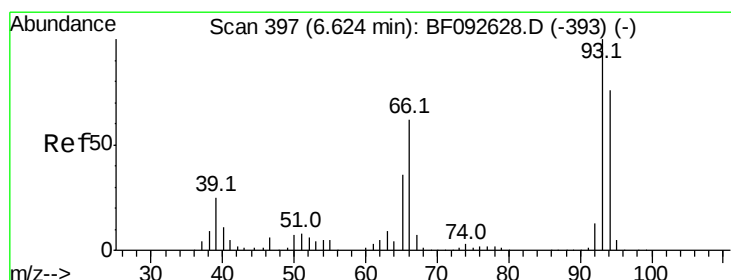
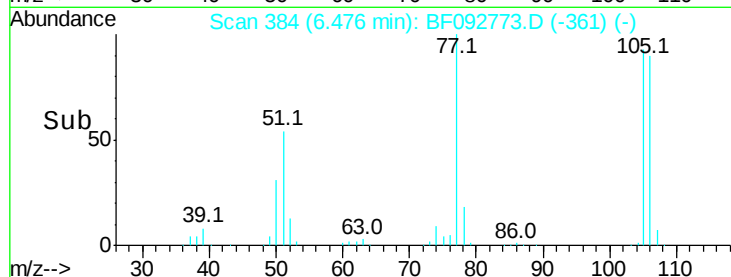
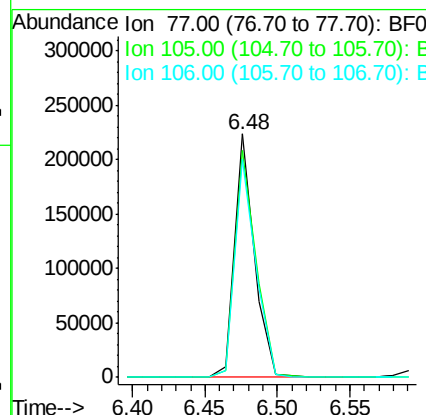
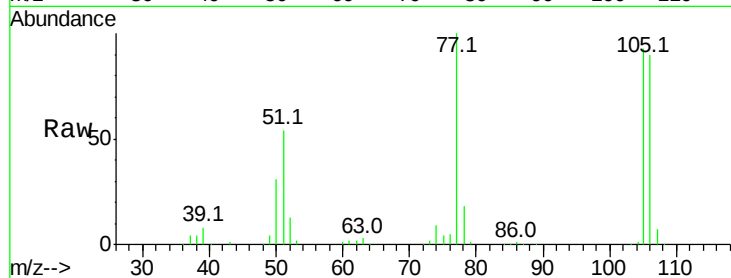
ClientSampleId :

PB96683BS

Tot Ion:	77	Resp:	211252
Ion Ratio	Lower	Upper	
77	100		
105	93.0	83.9	123.9
106	89.8	77.6	117.6

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#10

Phenol

Concen: 35.52 ng

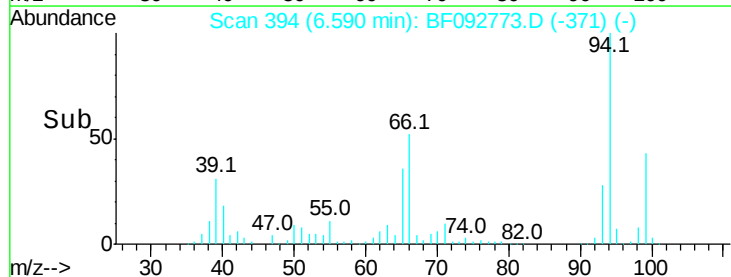
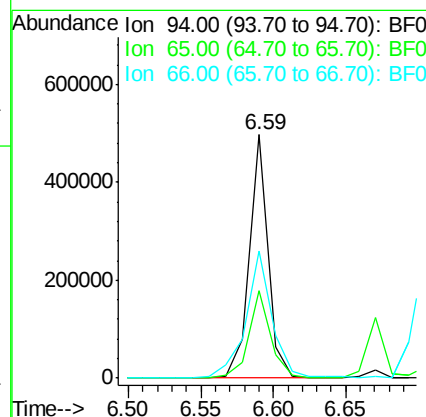
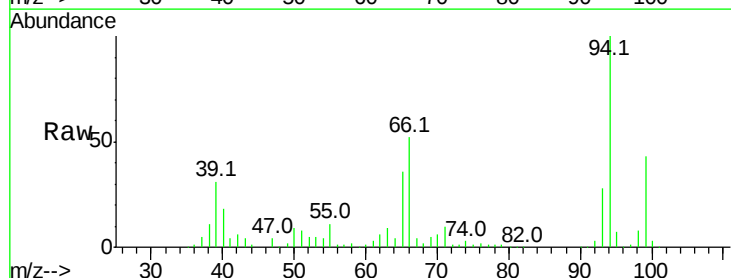
RT: 6.59 min Scan# 394

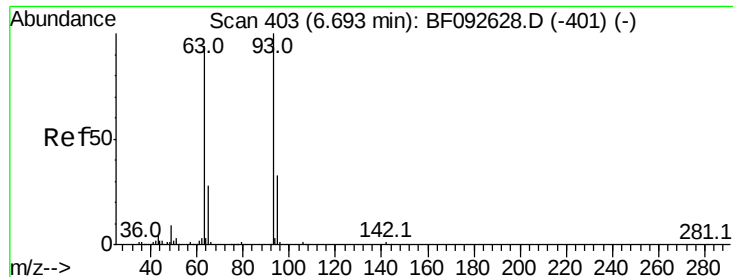
Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Tgt Ion:	94	Resp:	448067
Ion Ratio	Lower	Upper	
94	100		
65	36.0	21.4	61.4
66	52.2	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 38.72 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

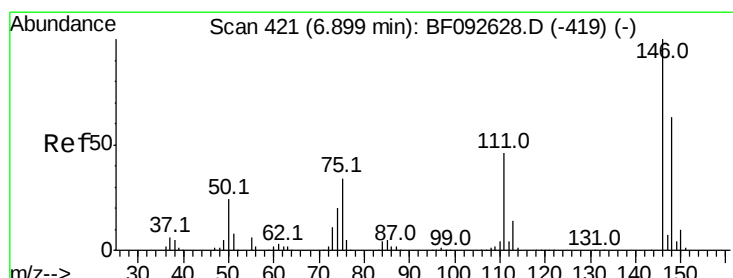
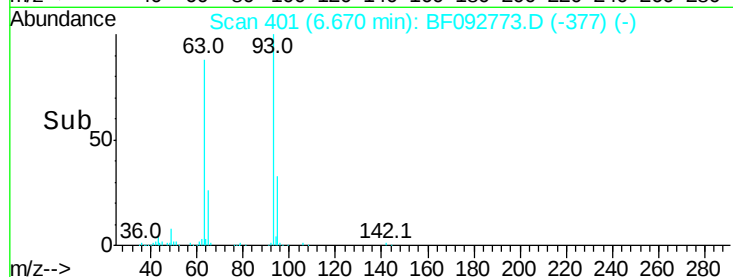
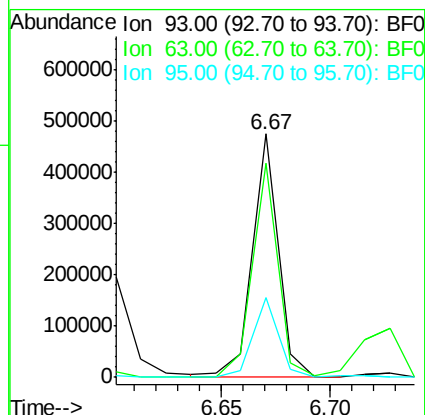
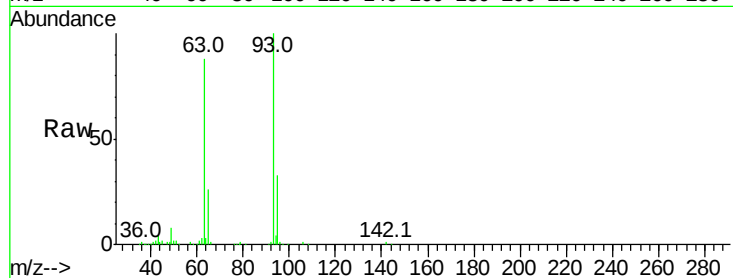
ClientSampleId :

PB96683BS

Tot Ion:	93	Resp:	389889
Ion Ratio	Lower	Upper	
93	100		
63	87.9	60.4	100.4
95	32.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.55 ng

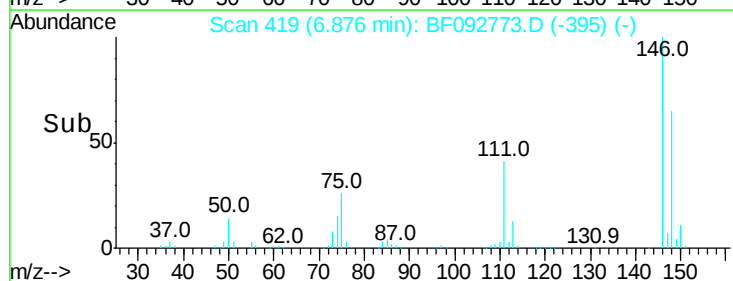
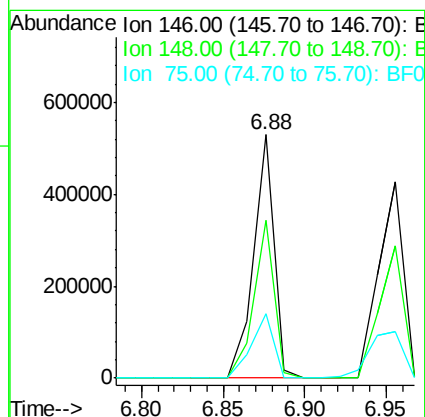
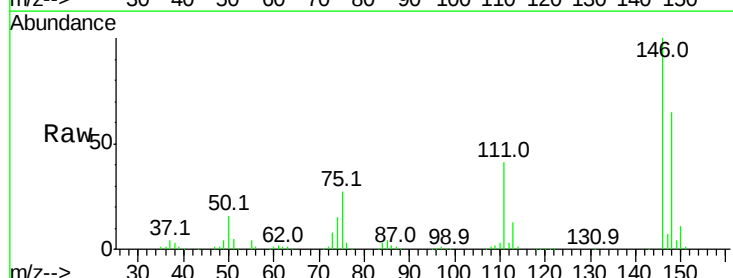
RT: 6.88 min Scan# 419

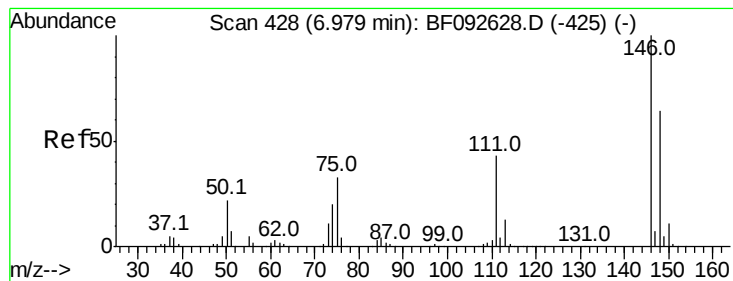
Delta R.T. -0.02 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Tgt Ion:	146	Resp:	460790
Ion Ratio	Lower	Upper	
146	100		
148	64.7	53.4	80.0
75	26.6	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 41.39 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

ClientSampleId :

PB96683BS

Tot Ion:146 Resp: 453615

Ion Ratio Lower Upper

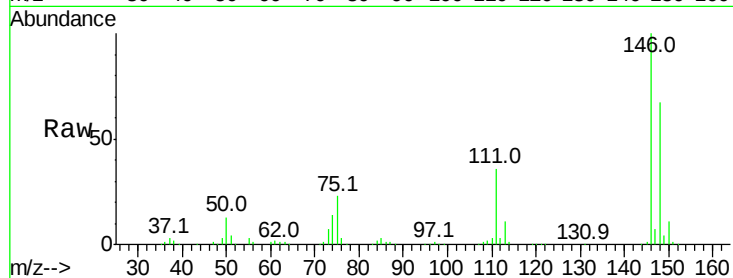
146 100

148 66.9 50.6 76.0

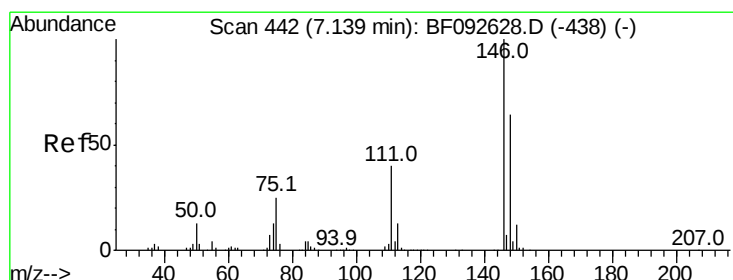
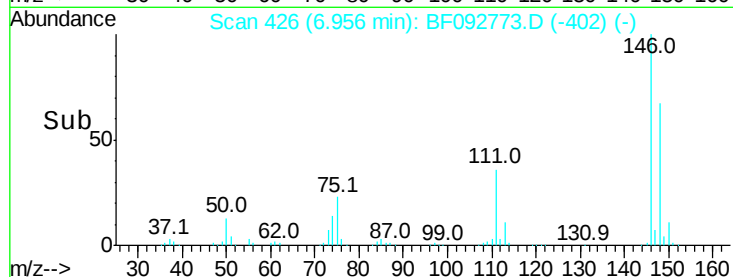
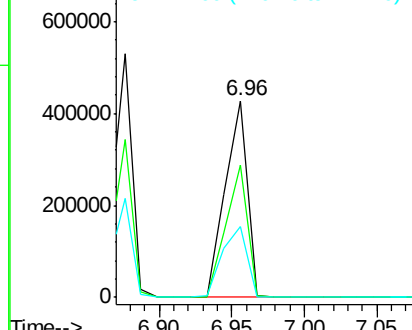
111 36.3 36.2 54.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.51 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

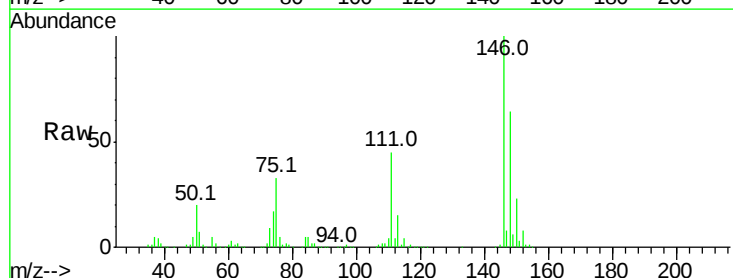
Tgt Ion:146 Resp: 403534

Ion Ratio Lower Upper

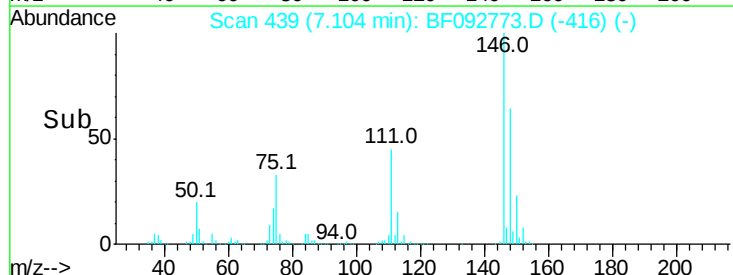
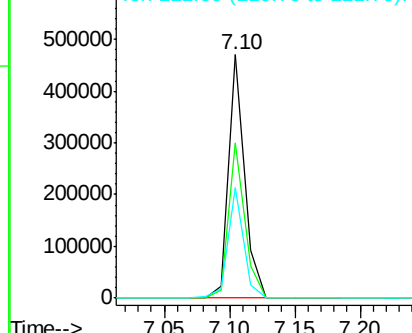
146 100

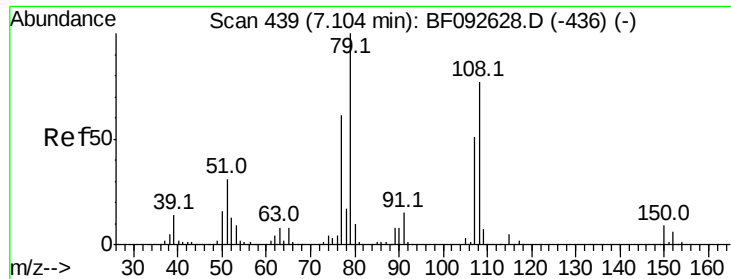
148 63.6 52.2 78.2

111 45.3 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





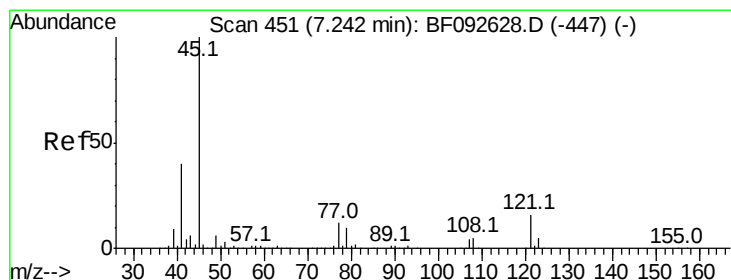
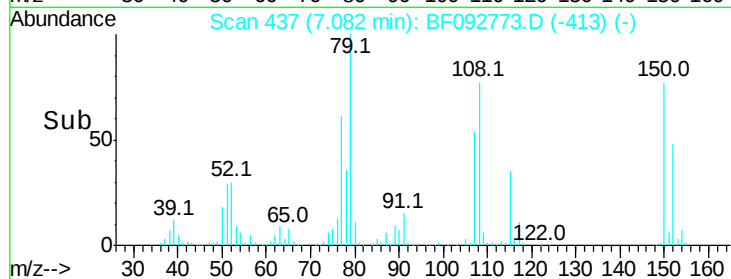
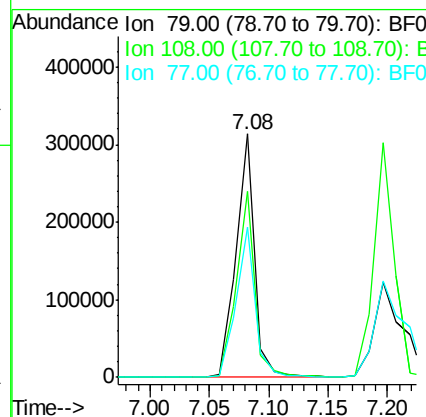
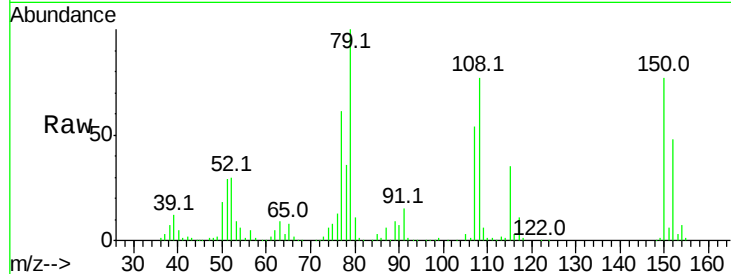
#15
Benzyl Alcohol
Concen: 42.80 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	61.4	92.0
77	61.5	50.9	76.3

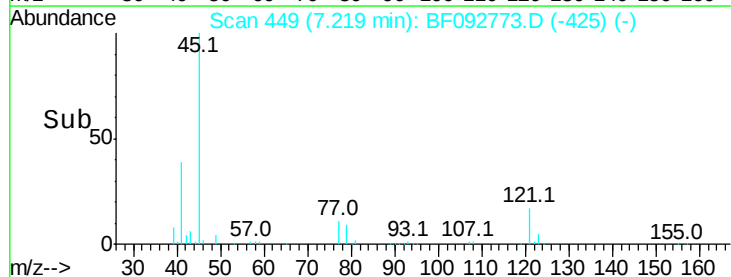
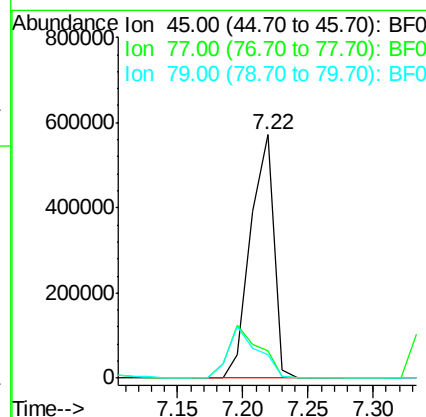
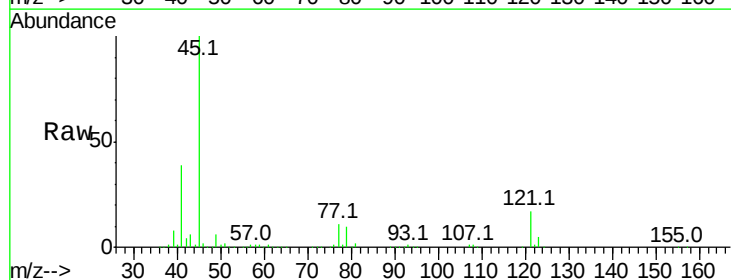
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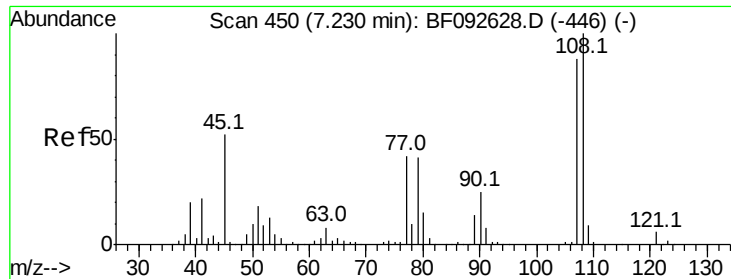
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.80 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	34.6
79	9.6	0.0	31.2





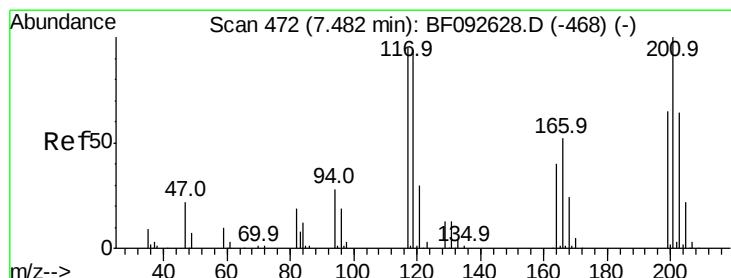
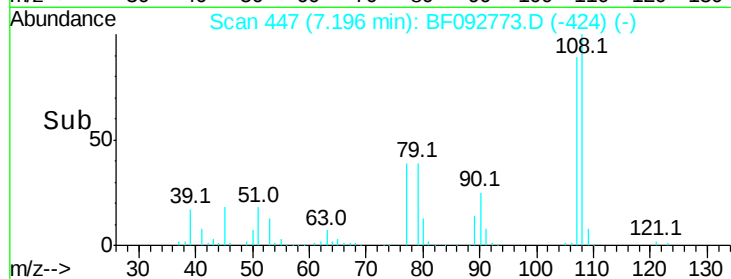
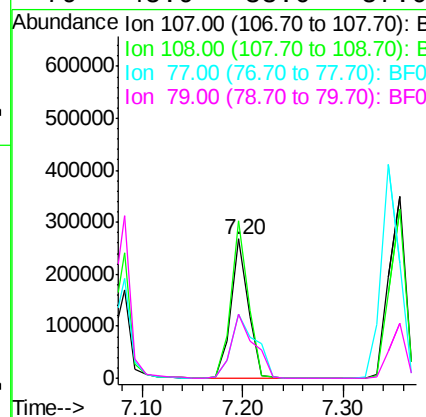
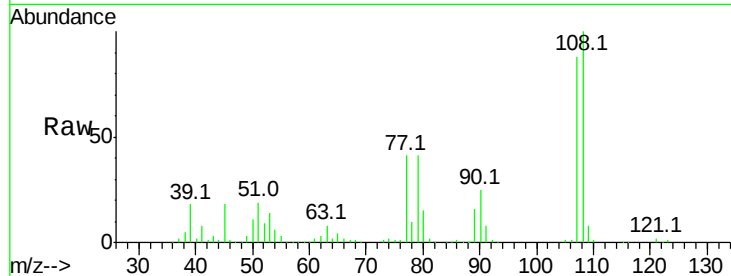
#17
2-Methylphenol
Concen: 40.33 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.0	139.6
77	46.2	39.8	59.8
79	45.9	38.0	57.0

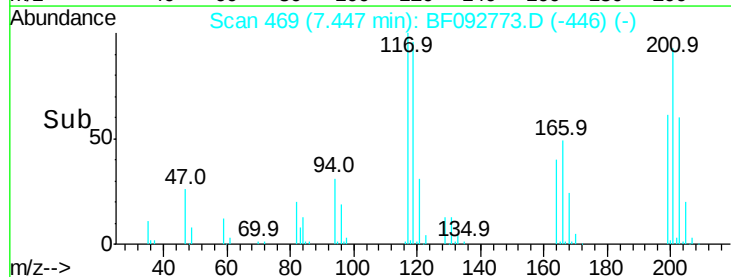
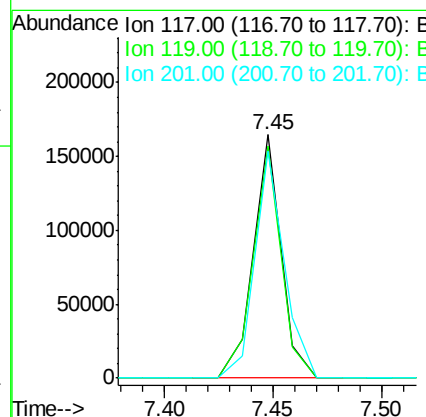
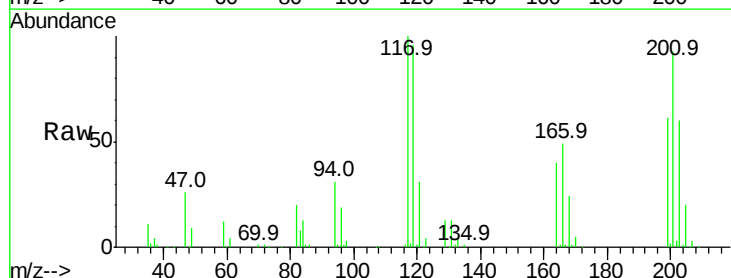
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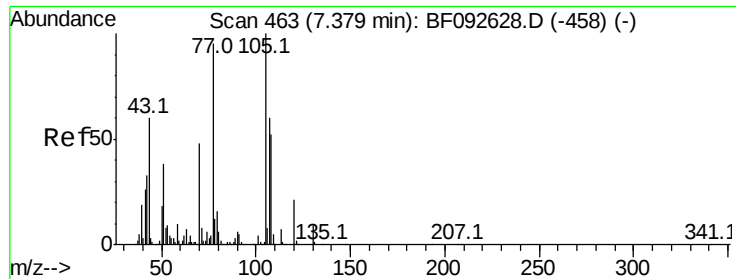
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#18
Hexachloroethane
Concen: 39.03 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.1	117.1
201	93.1	78.6	117.8





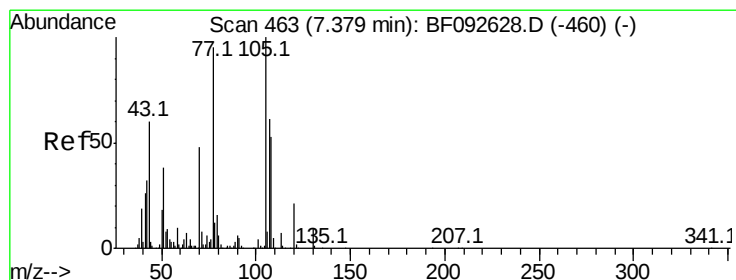
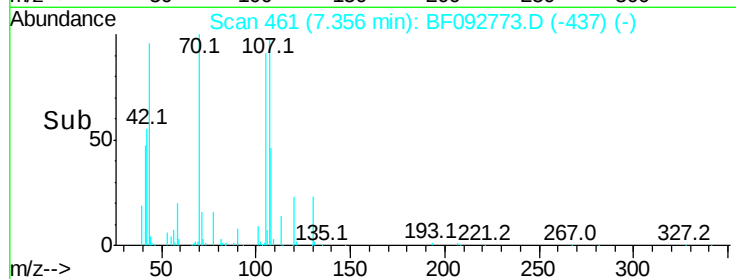
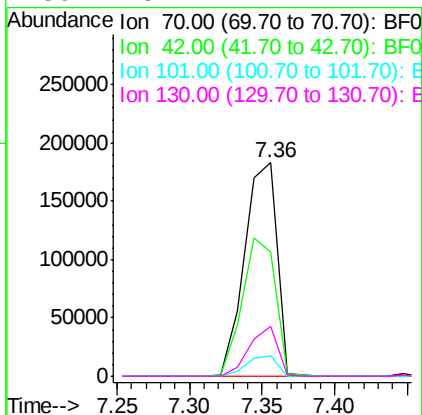
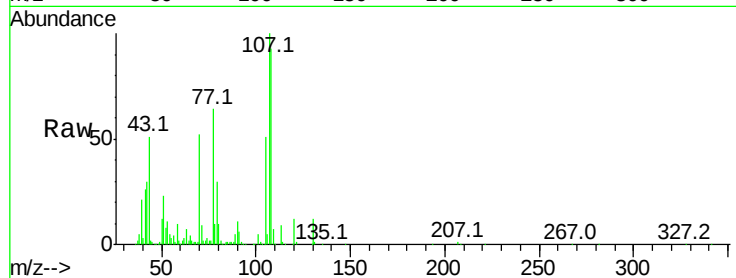
#19
n-Nitroso-di-n-propylamine
Concen: 41.23 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.0	49.4	74.0
101	9.6	7.4	11.2
130	23.1	14.2	21.4

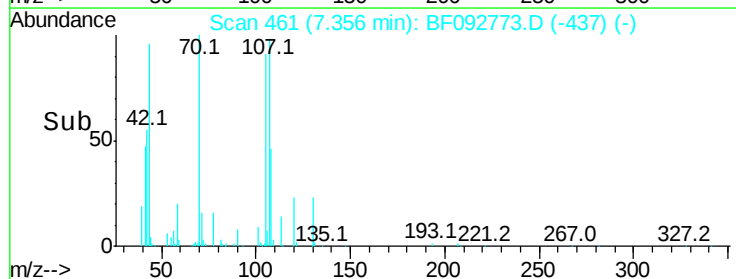
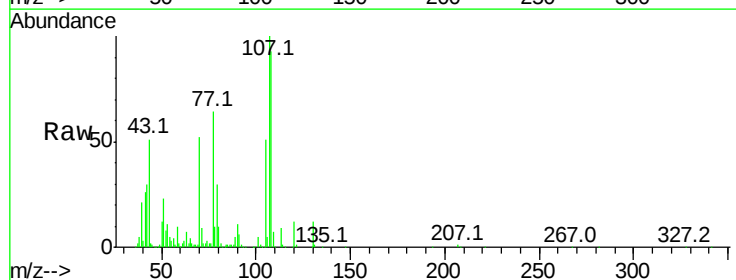
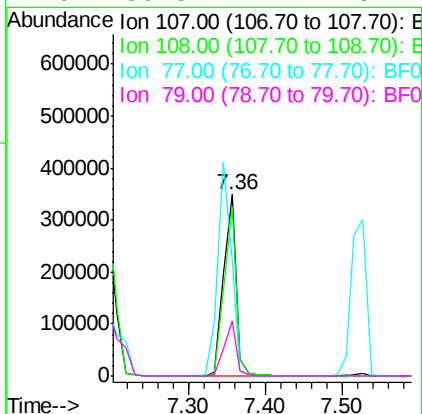
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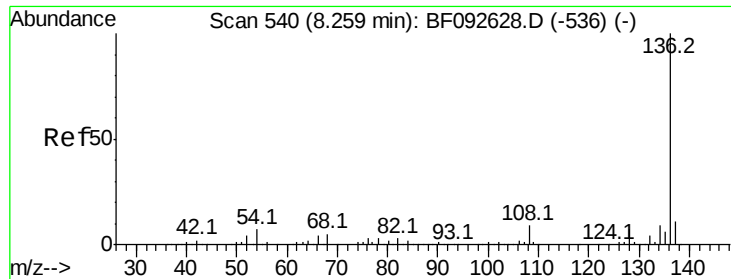
mohammad
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#20
3+4-Methylphenols
Concen: 42.67 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	73.0	113.0
77	63.8	71.3	111.3
79	30.5	11.1	51.1





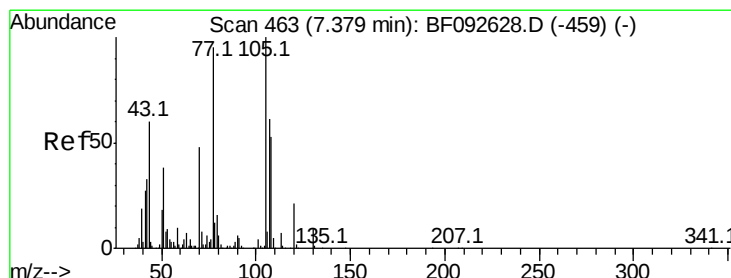
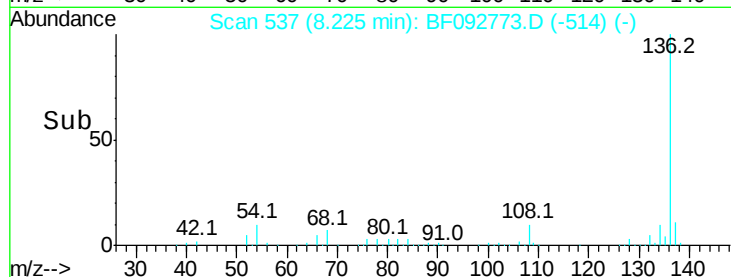
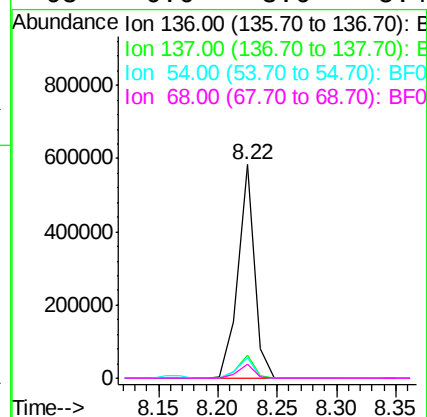
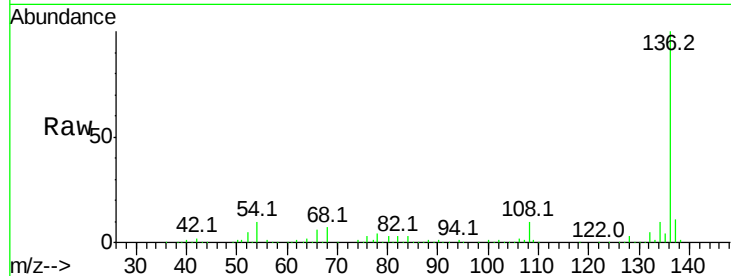
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.9	4.5	6.7#
68	6.6	3.6	5.4#

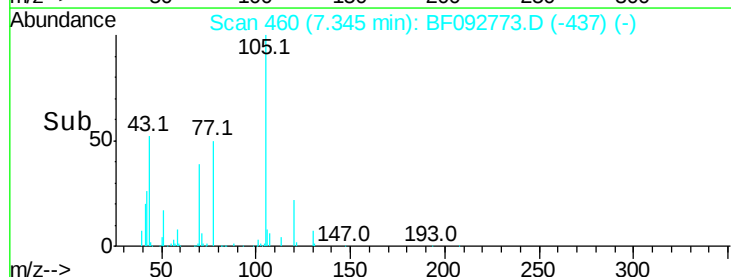
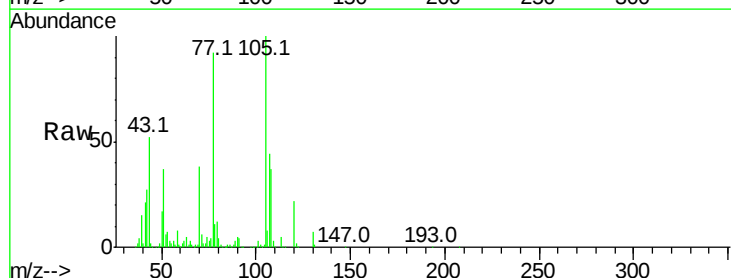
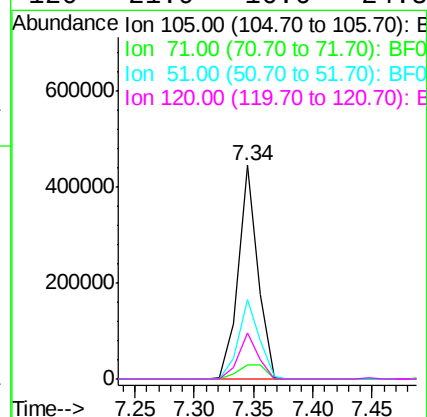
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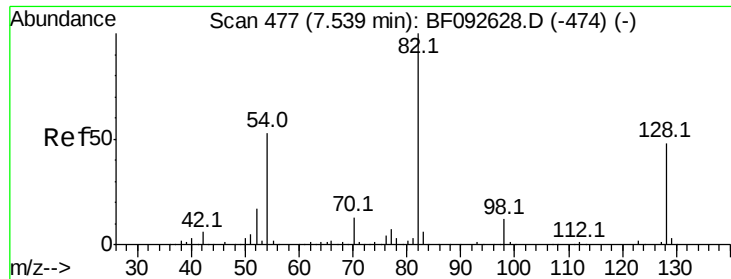
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#22
Acetophenone
Concen: 39.59 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.4	3.2	4.8#
51	37.4	26.2	39.4
120	21.9	16.6	24.8





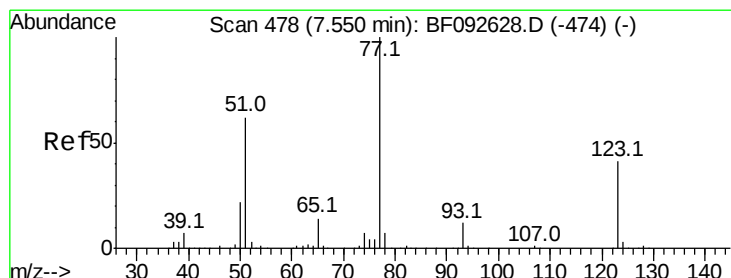
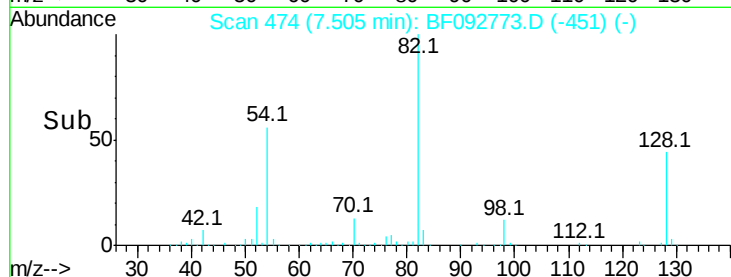
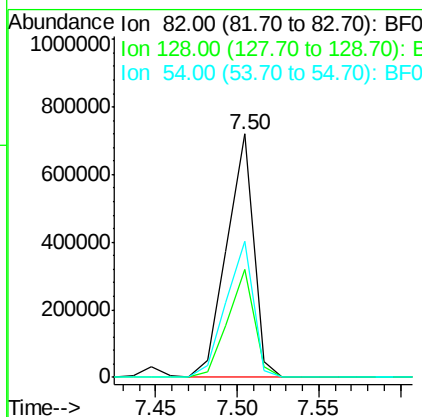
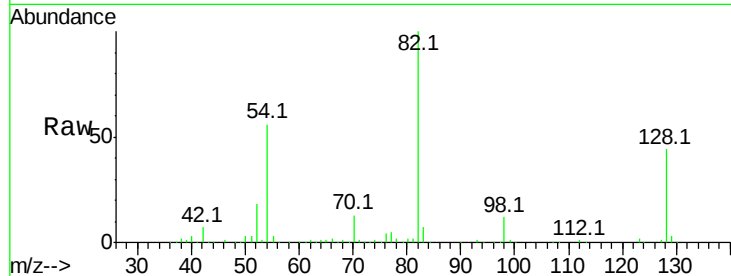
#23
Nitrobenzene-d5
Concen: 80.65 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	56.1	39.5	59.3

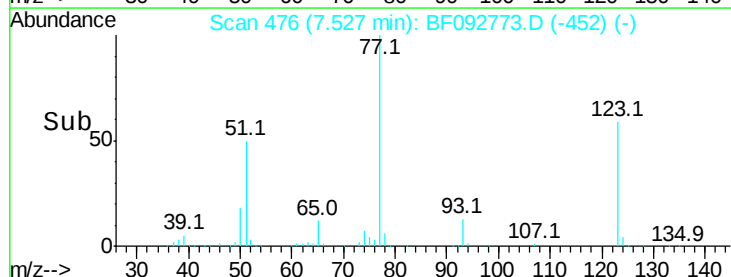
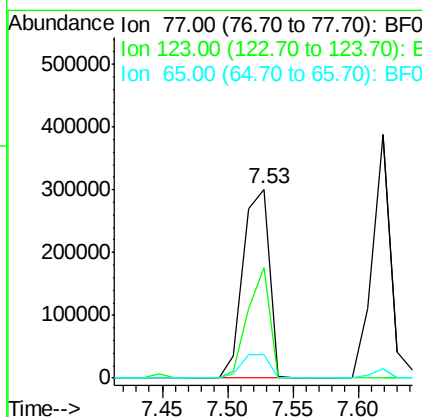
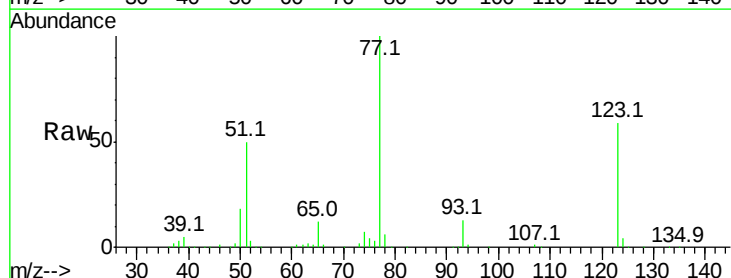
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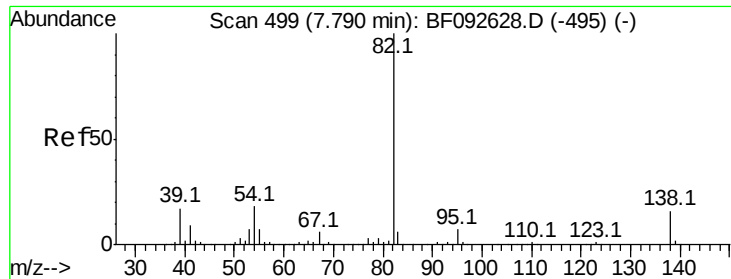
mohammad
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#24
Nitrobenzene
Concen: 40.28 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	58.6	33.0	49.4#
65	12.4	11.2	16.8





#25

Isophorone

Concen: 40.87 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

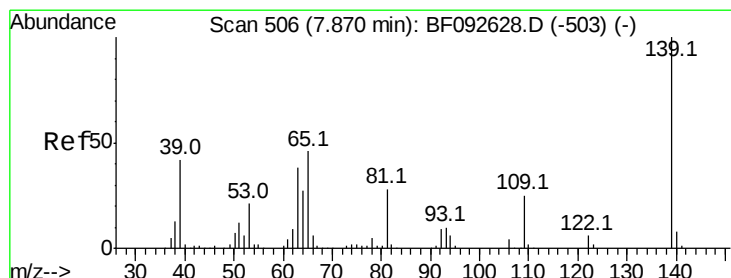
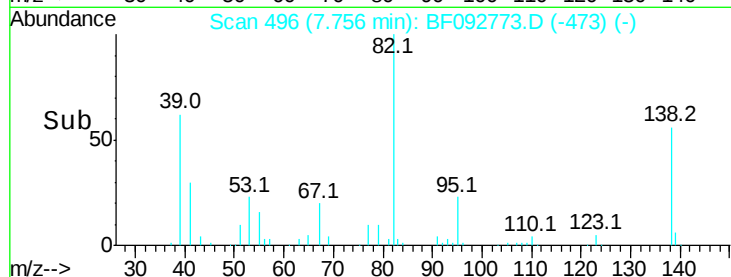
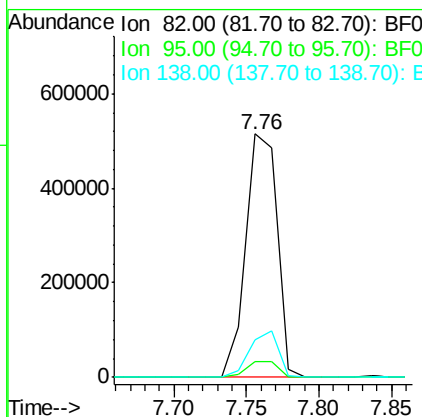
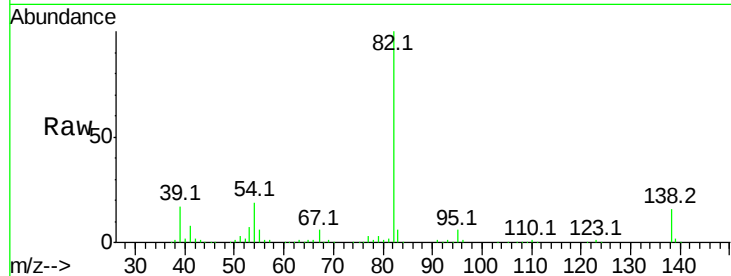
ClientSampleId :

PB96683BS

Tot Ion:	82	Resp:	773539
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.6	8.4
138	15.5	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.88 ng

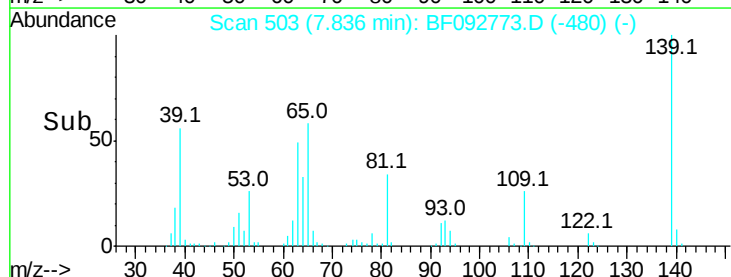
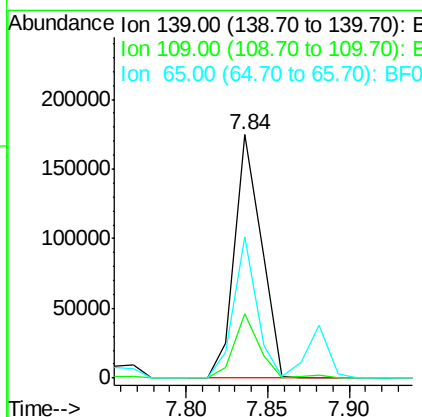
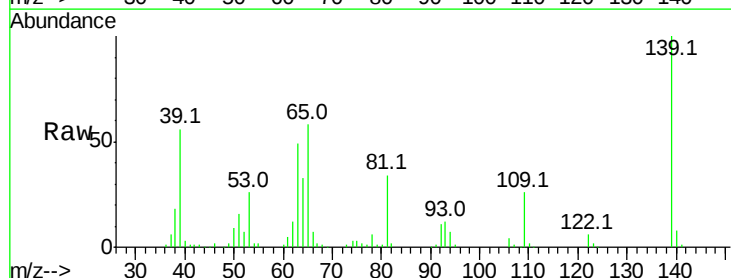
RT: 7.84 min Scan# 503

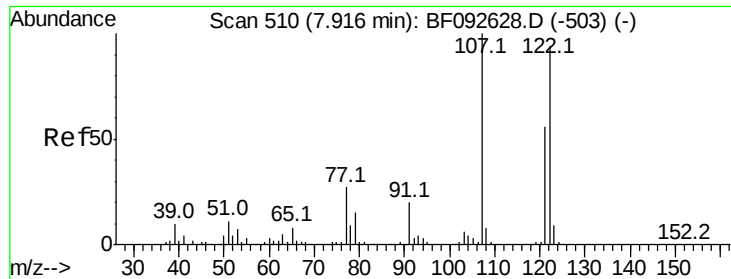
Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Tgt Ion:	139	Resp:	197670
Ion Ratio	Lower	Upper	
139	100		
109	26.4	23.3	34.9
65	58.2	42.7	64.1





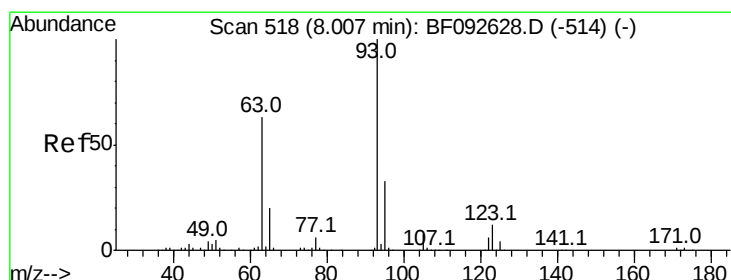
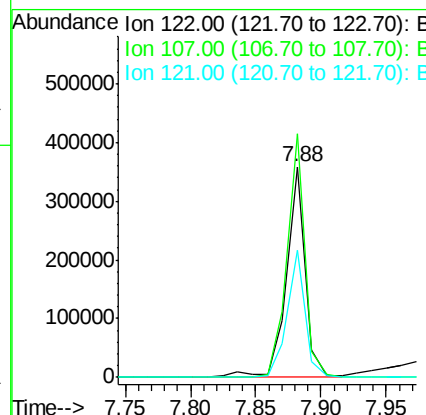
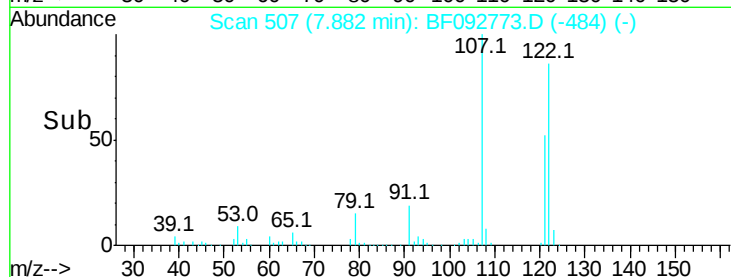
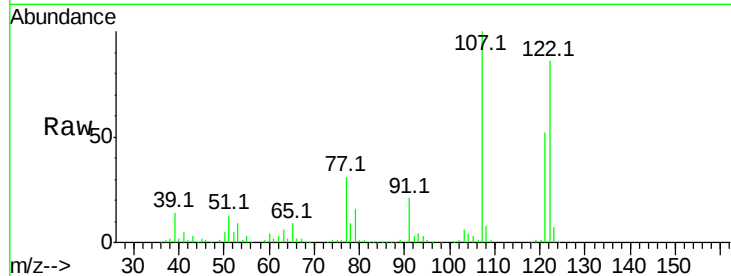
#27
2,4-Dimethylphenol
Concen: 41.82 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	364100		
107	115.8	94.1	141.1	
121	60.5	46.0	69.0	

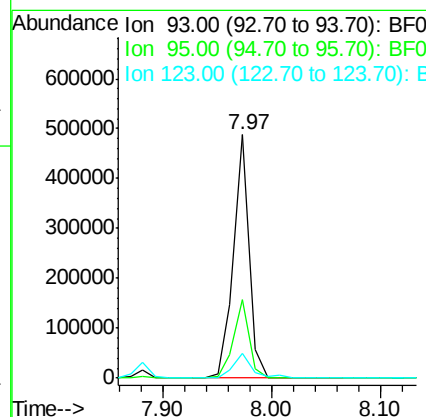
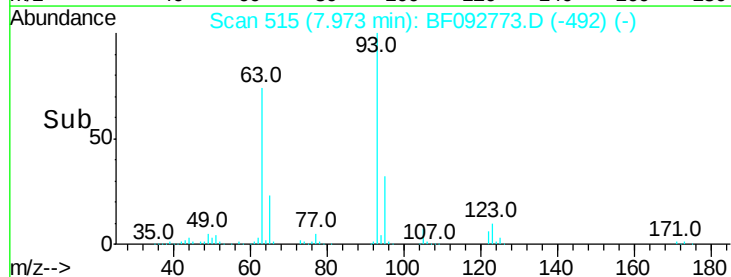
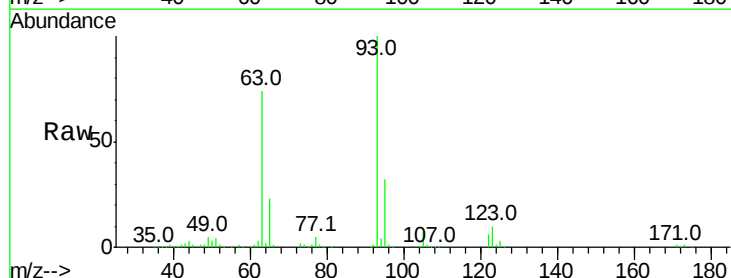
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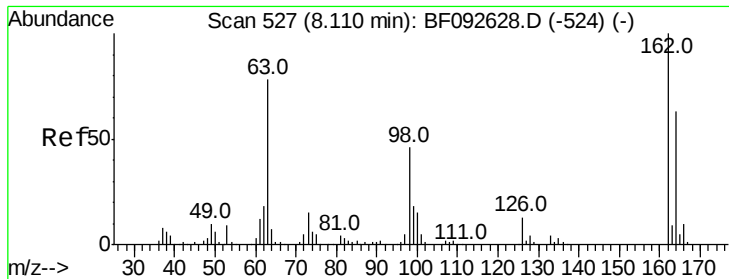
mohammad
2/3/2017 1:23:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.63 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	484205		
95	32.1	26.5	39.7	
123	10.3	8.6	13.0	





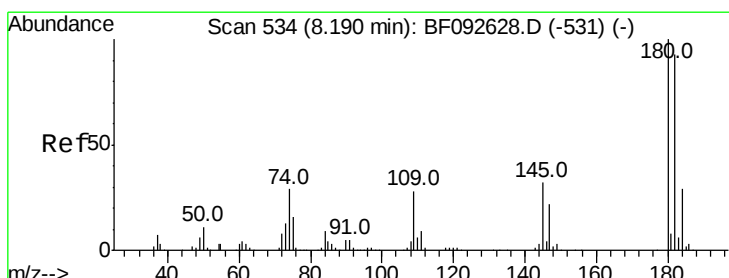
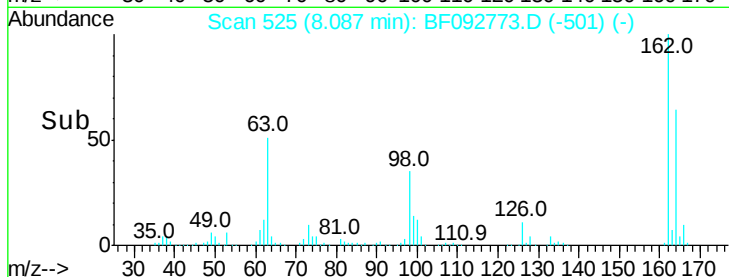
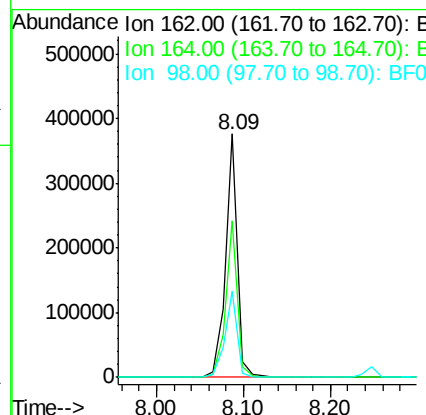
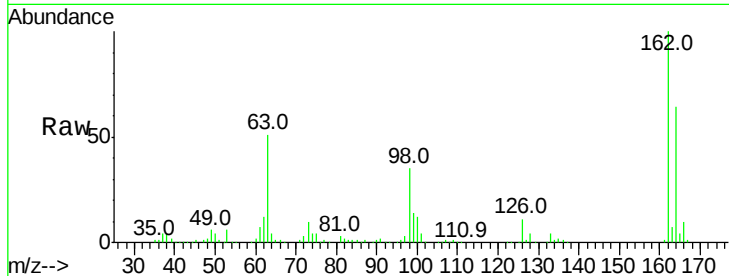
#29
 2,4-Dichlorophenol
 Concen: 44.26 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	46.8	86.8
98	35.2	9.1	49.1

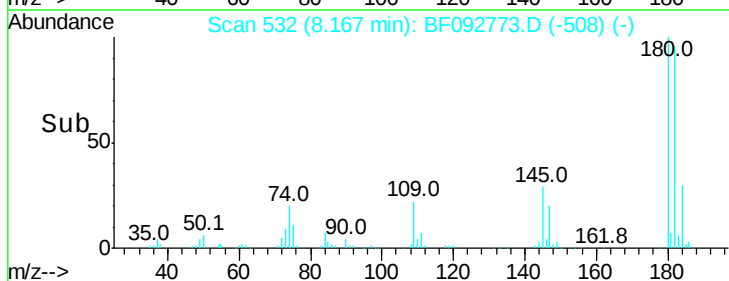
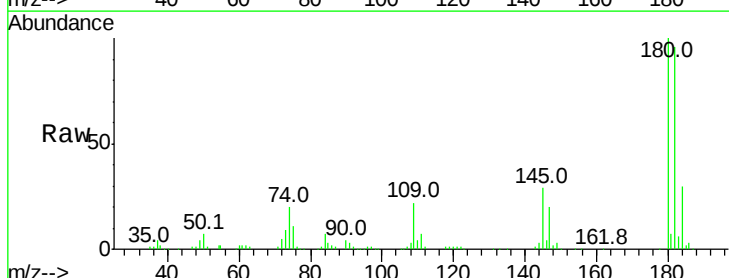
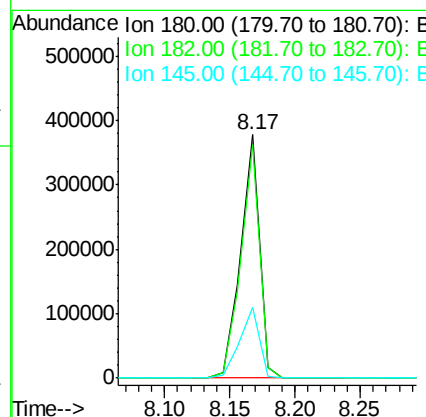
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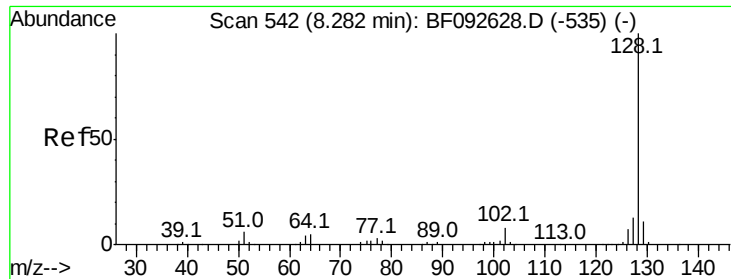
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.00 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	78.2	117.4
145	29.2	21.6	32.4





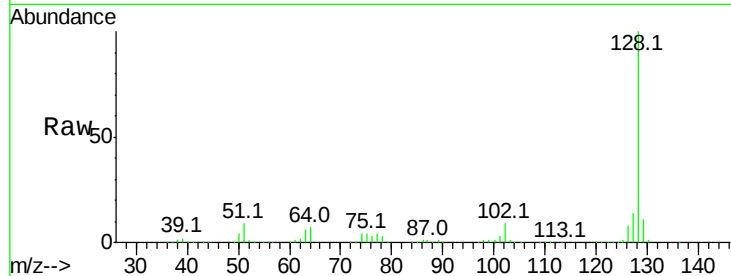
#31
Naphthalene
Concen: 39.60 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

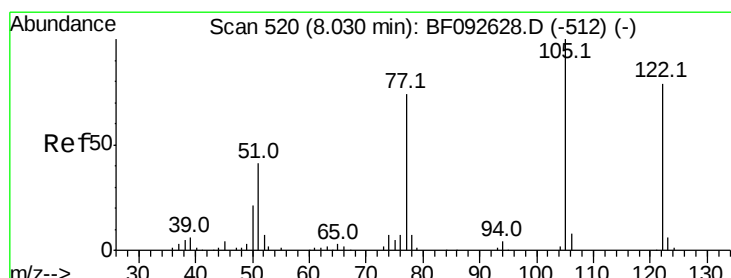
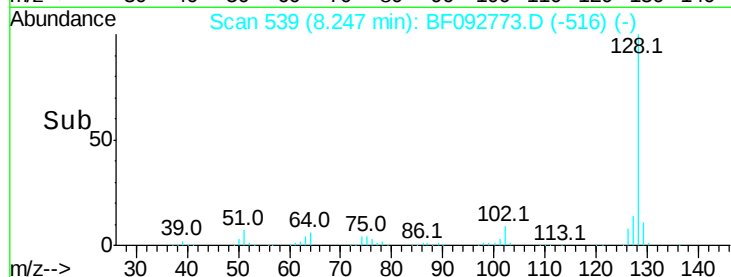
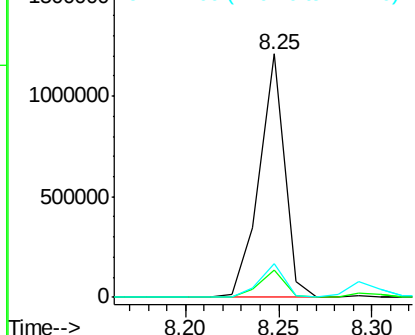
Tot Ion:128 Resp: 1135321
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.6 10.8 16.2

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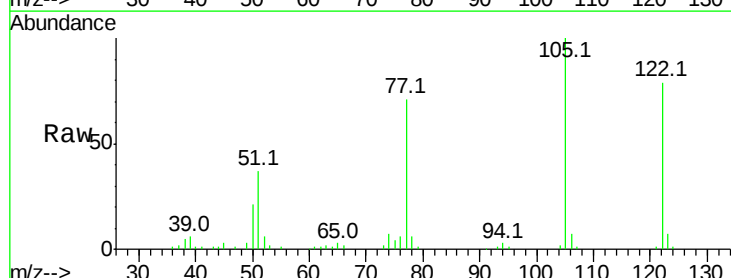


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

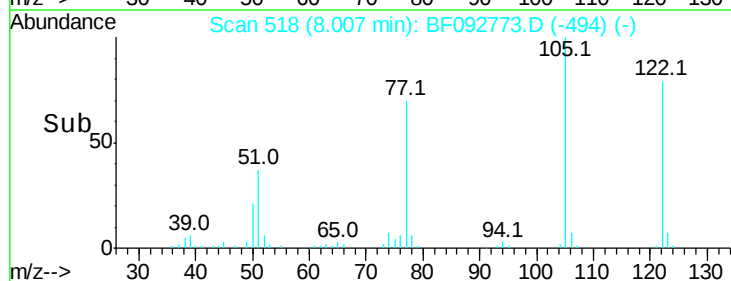
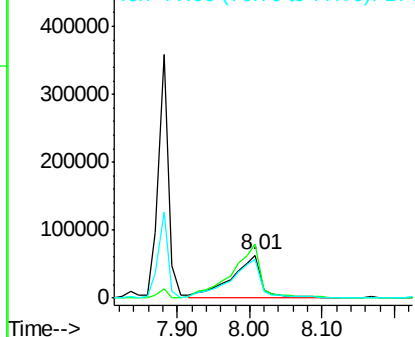


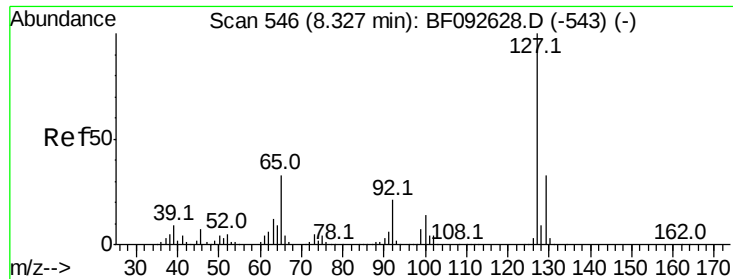
#32
Benzoic acid
Concen: 38.33 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion:122 Resp: 180678
Ion Ratio Lower Upper
122 100
105 126.3 107.2 147.2
77 89.2 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





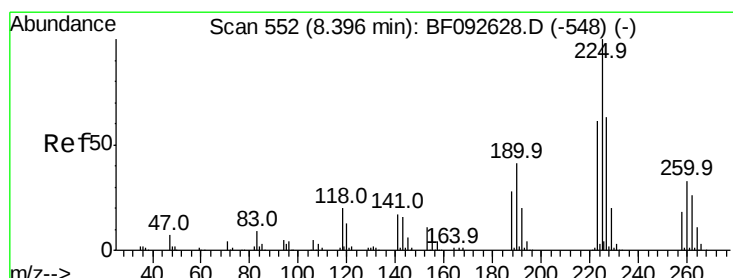
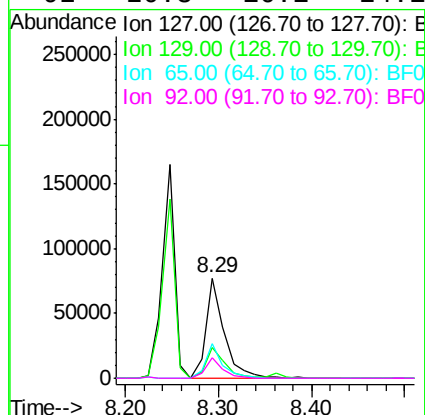
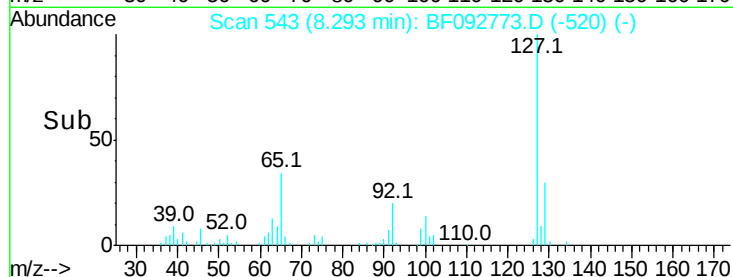
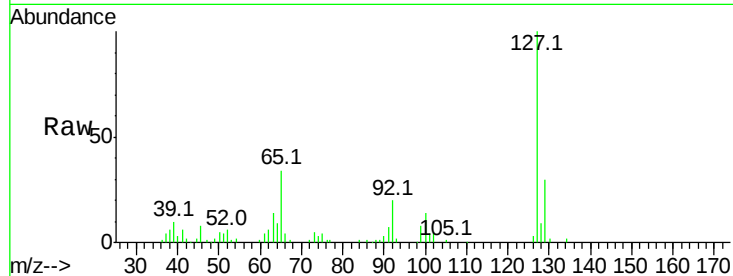
#33
4-Chloroaniline
Concen: 9.48 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.3	26.3	39.5		
65	34.0	25.8	38.8		
92	20.3	16.1	24.1		

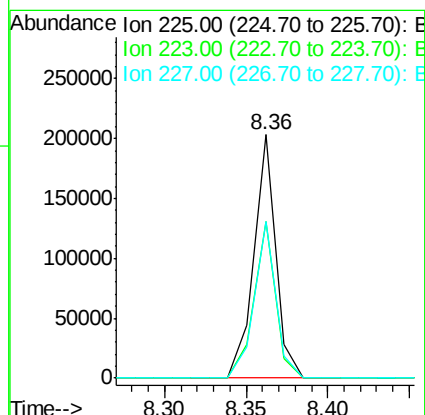
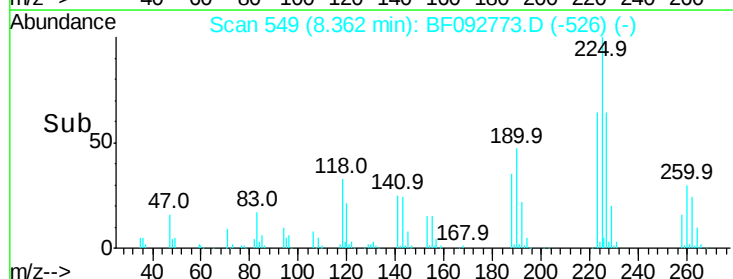
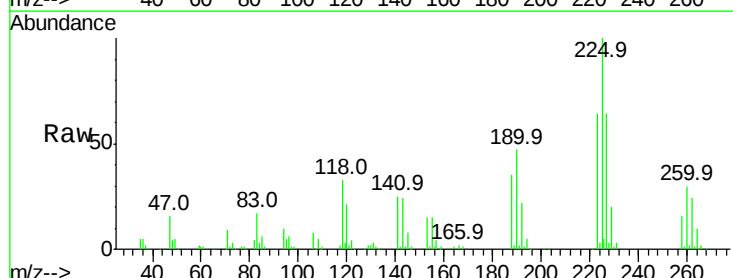
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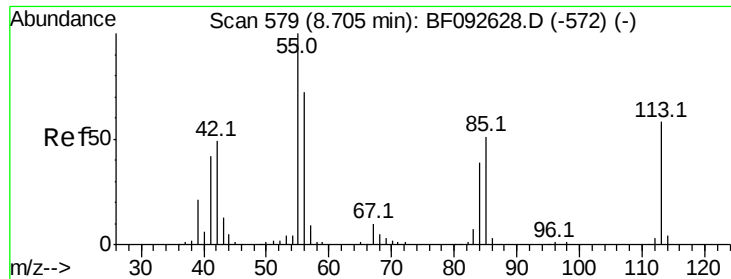
mohammad
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#34
Hexachlorobutadiene
Concen: 39.47 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	51.0	76.6		
227	64.2	50.6	76.0		





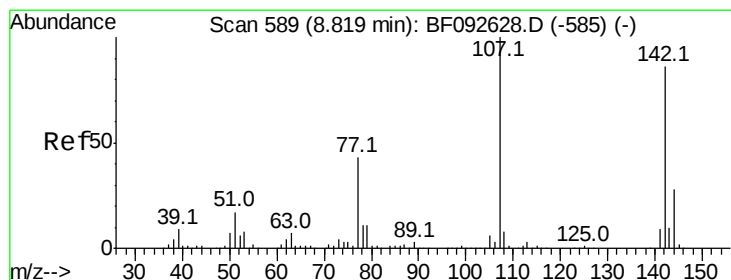
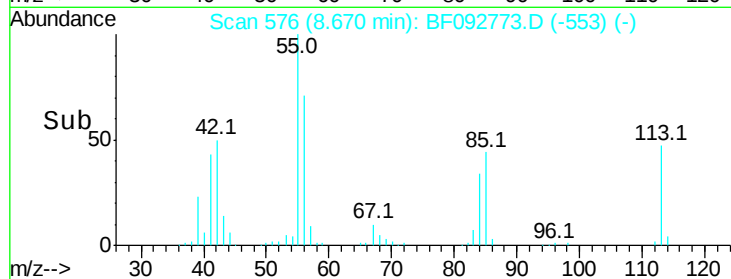
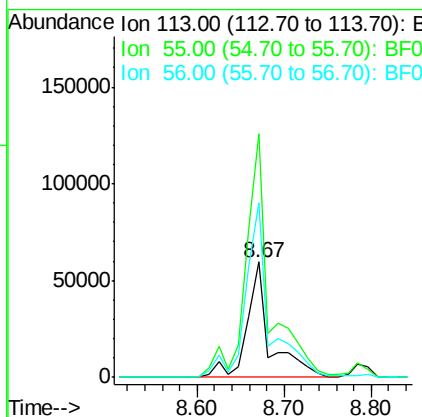
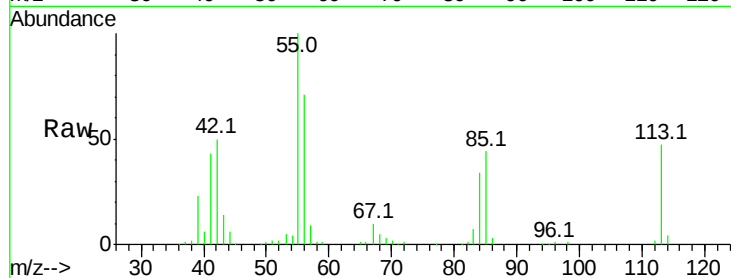
#35
 Caprolactam
 Concen: 42.94 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.8	119.2	159.2#
56	150.7	83.8	123.8#

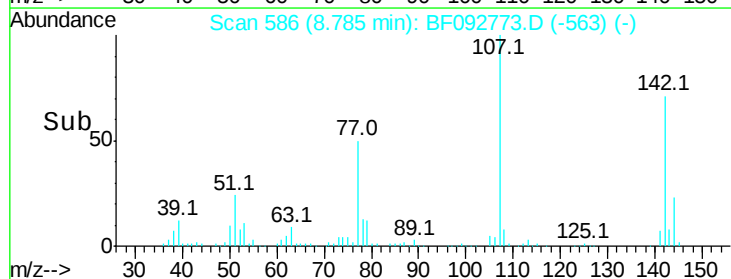
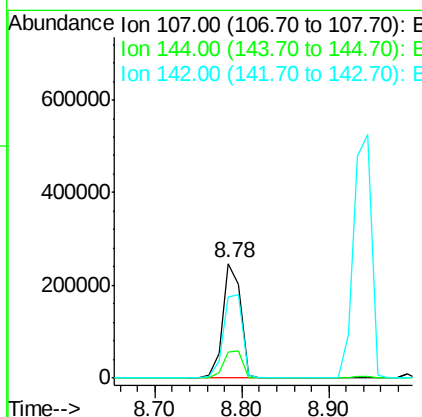
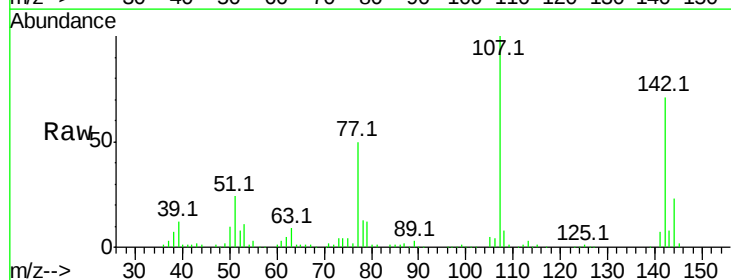
Manual Integrations
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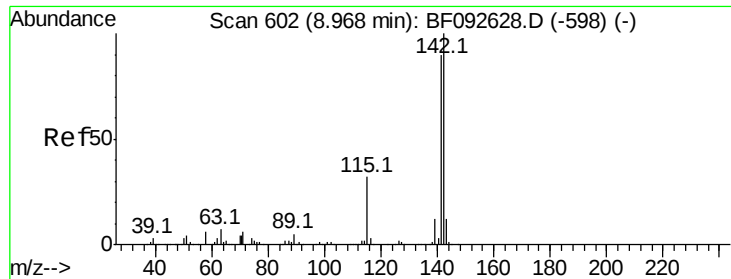
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.19 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.3	28.9
142	70.9	59.0	88.6





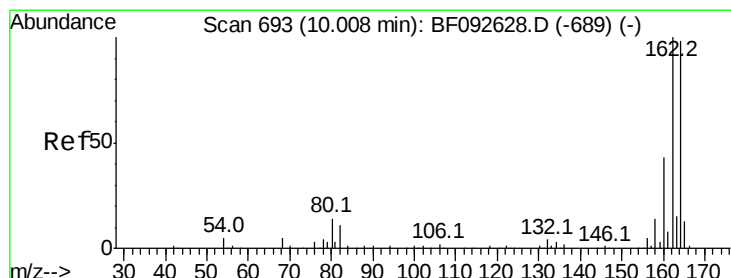
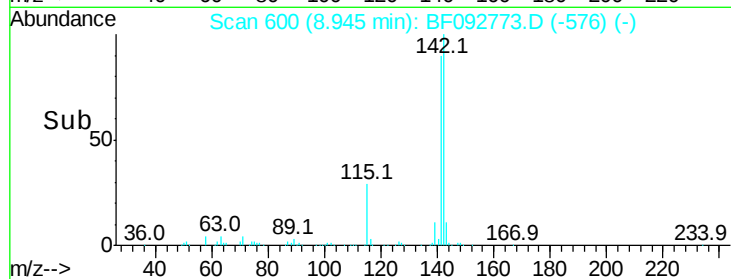
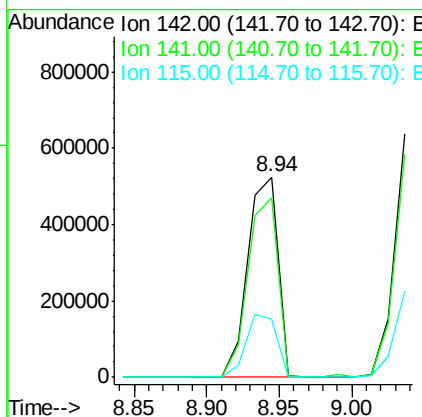
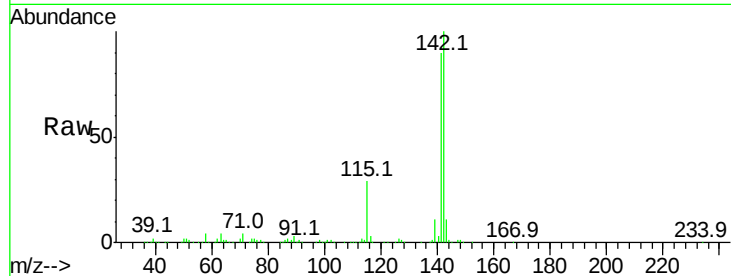
#37
2-Methylnaphthalene
Concen: 41.31 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	28.7	28.3	42.5

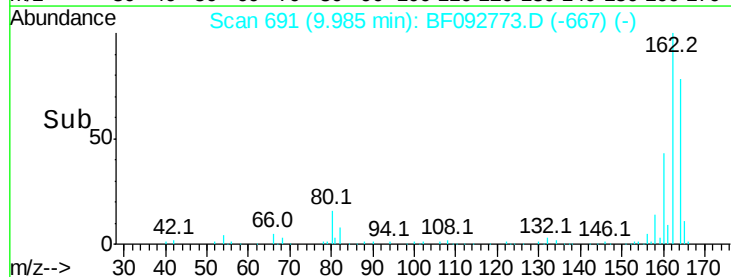
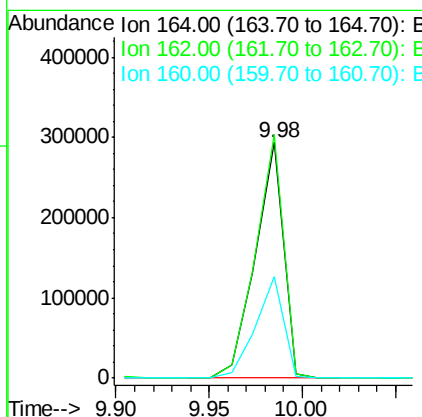
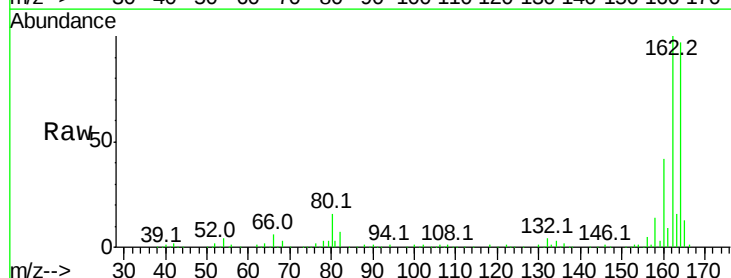
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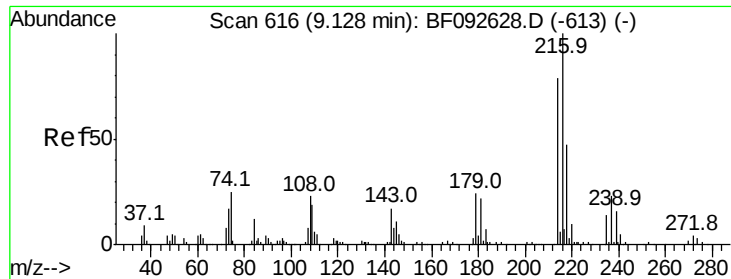
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.2	120.2
160	43.2	36.9	55.3





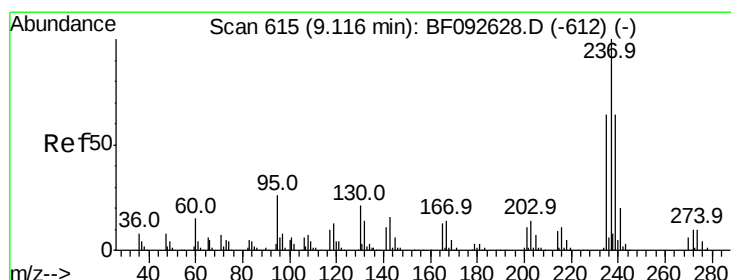
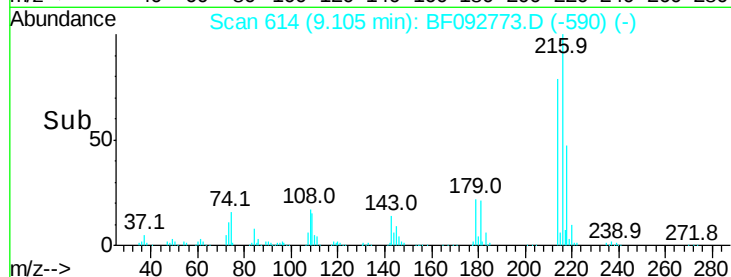
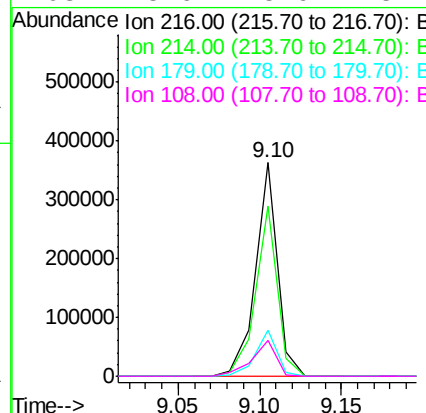
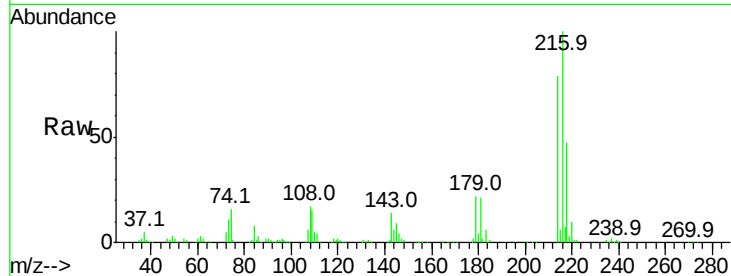
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.12 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion:	216	Resp:	335973
Ion Ratio		Lower	Upper
216	100		
214	79.4	63.4	95.0
179	21.3	17.4	26.2
108	18.6	15.6	23.4

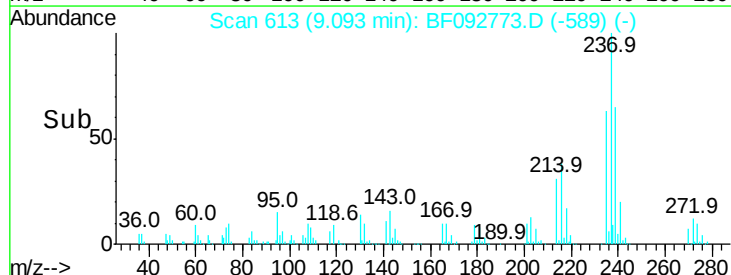
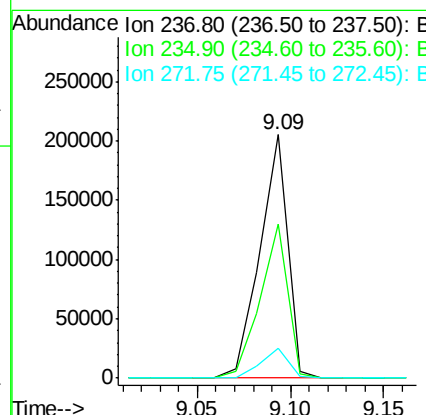
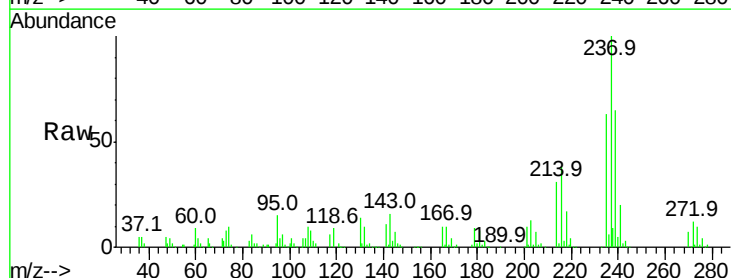
Manual Integrations
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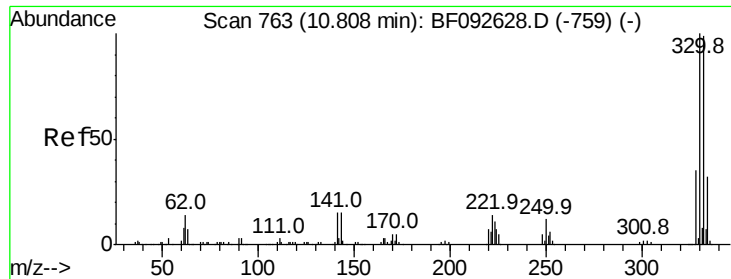
mohammad
 2/3/2017 1:23:13 PM



#40
 Hexachlorocyclopentadiene
 Concen: 54.42 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion:	237	Resp:	210876
Ion Ratio		Lower	Upper
237	100		
235	63.3	41.2	81.2
272	12.1	0.0	35.4





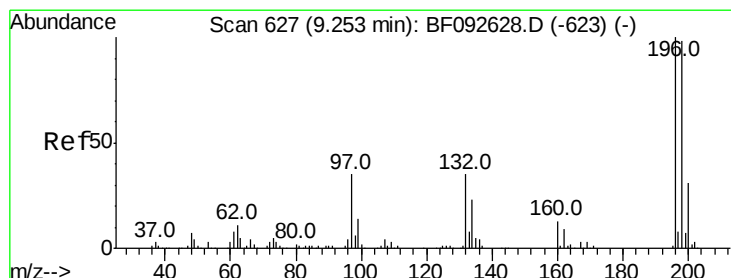
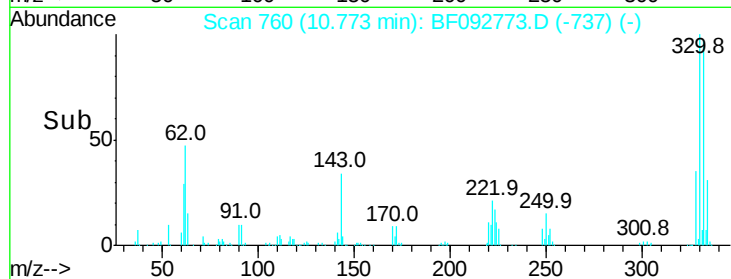
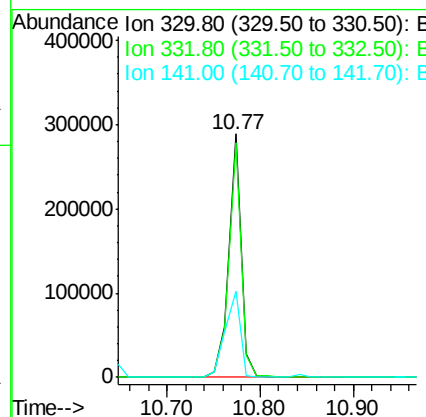
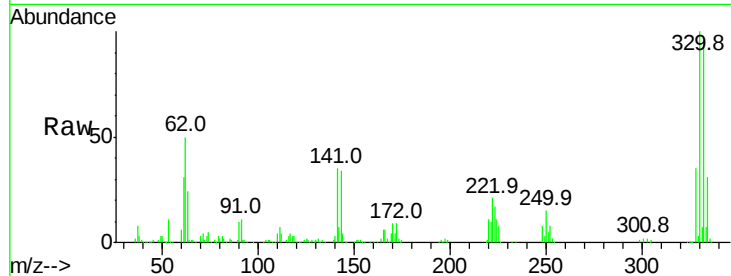
#41
 2,4,6-Tribromophenol
 Concen: 120.77 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	267264		
332	96.3	77.4	116.2	
141	42.8	34.1	51.1	

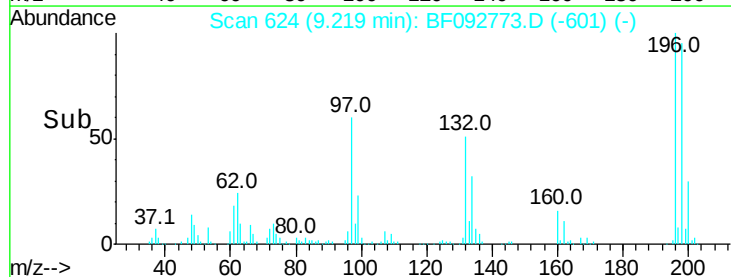
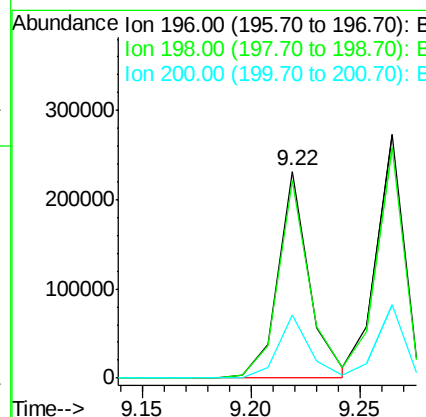
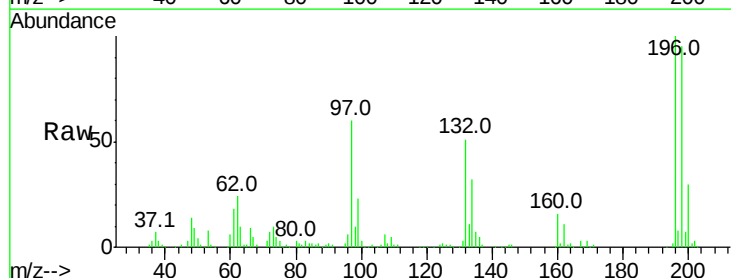
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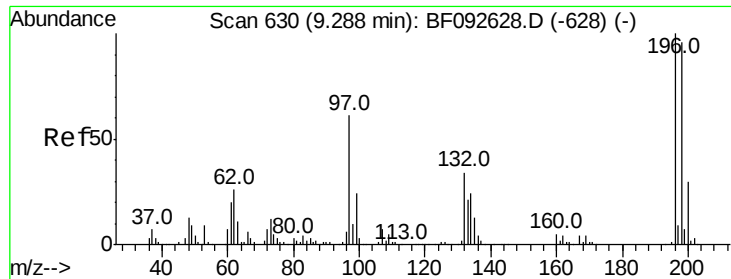
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 41.71 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235368		
198	95.4	82.1	123.1	
200	30.5	27.0	40.4	





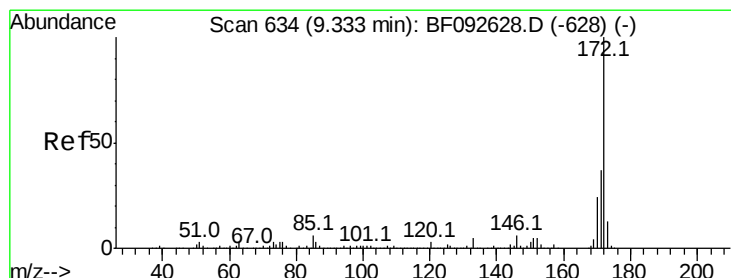
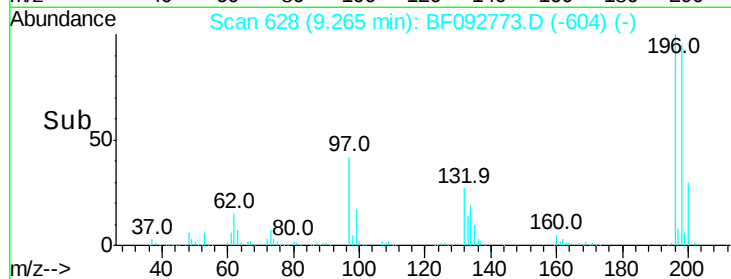
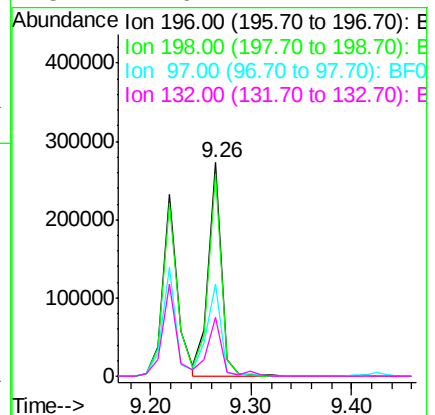
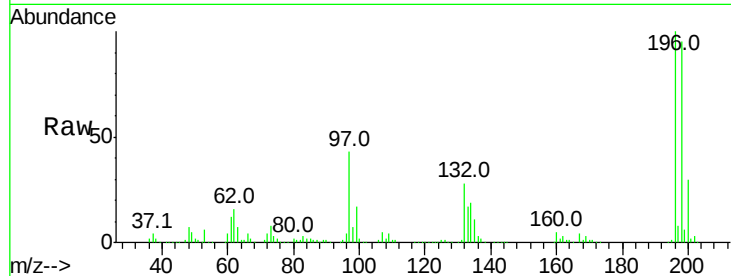
#43
 2,4,5-Trichlorophenol
 Concen: 40.03 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	247518		
198	94.6	79.4	119.2	
97	43.1	51.5	77.3#	
132	27.6	27.4	41.2	

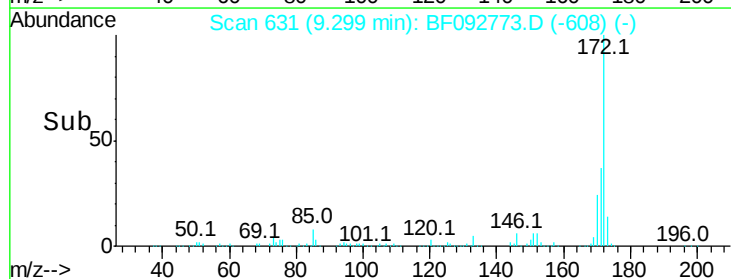
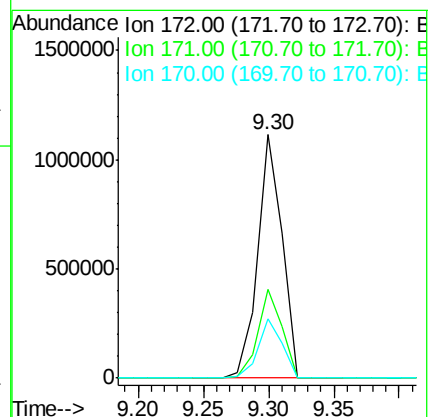
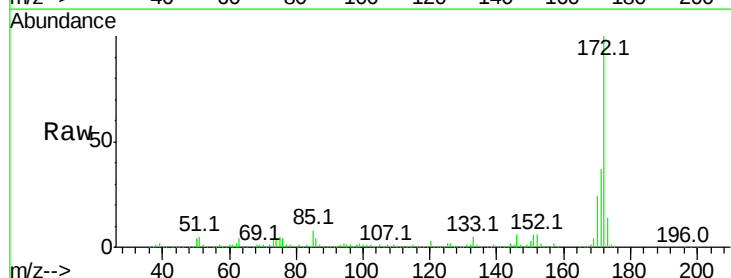
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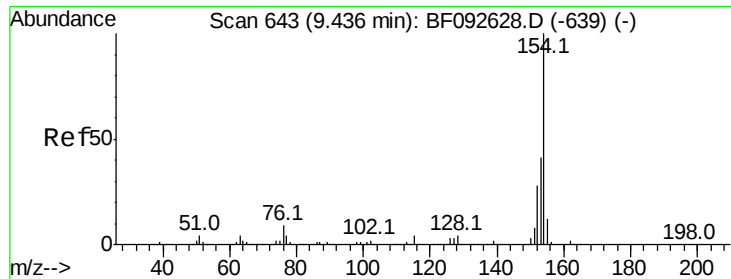
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 85.89 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1450507		
171	36.7	29.4	44.0	
170	24.4	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 38.94 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

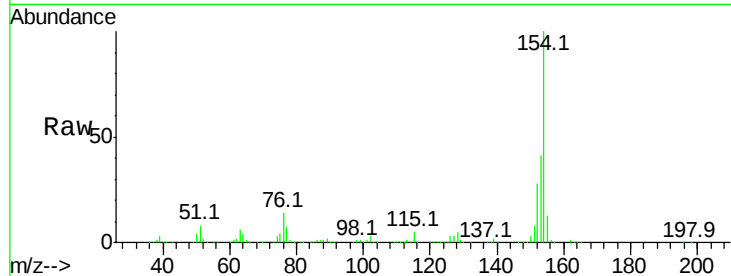
ClientSampleId :

PB96683BS

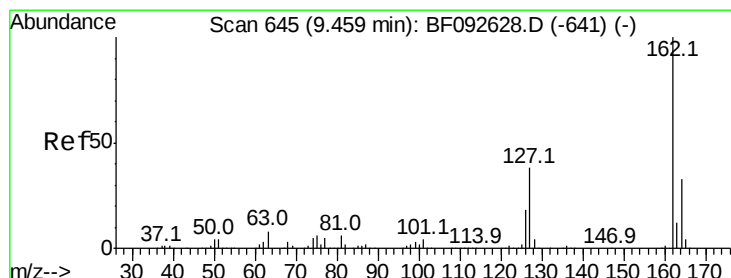
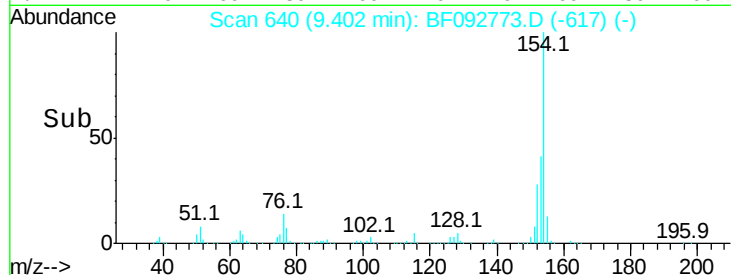
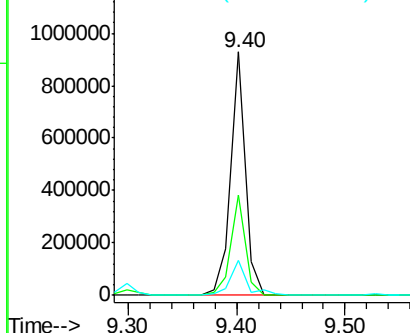
Tot Ion:	154	Resp:	862645
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.9	60.9
76	14.4	0.0	30.5

Manual Integrations
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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: 39.95 ng

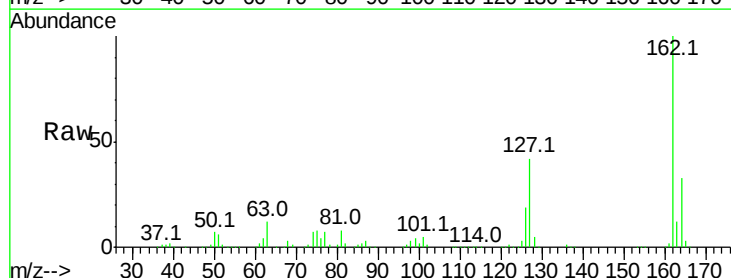
RT: 9.42 min Scan# 642

Delta R.T. -0.03 min

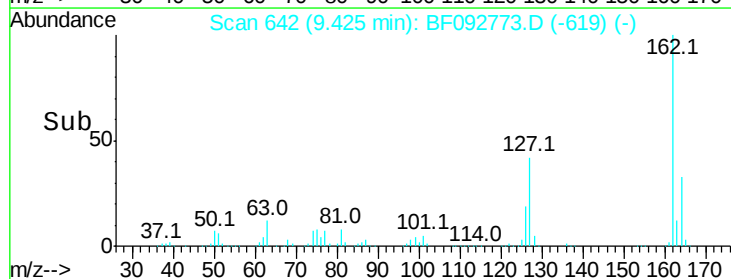
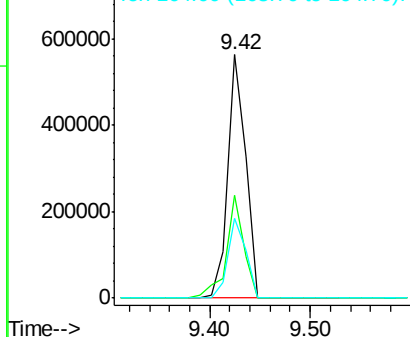
Lab File: BF092773.D

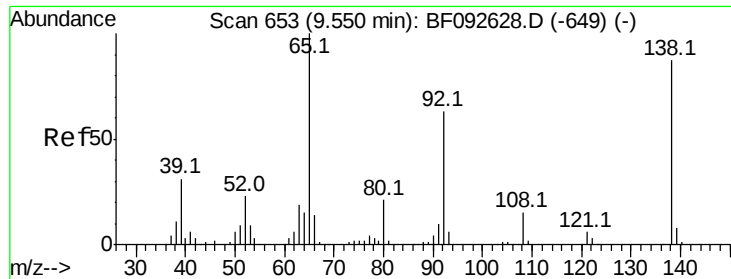
Acq: 3 Feb 2017 12:03

Tgt Ion:	162	Resp:	692434
Ion Ratio	Lower	Upper	
162	100		
127	42.3	30.7	46.1
164	32.8	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





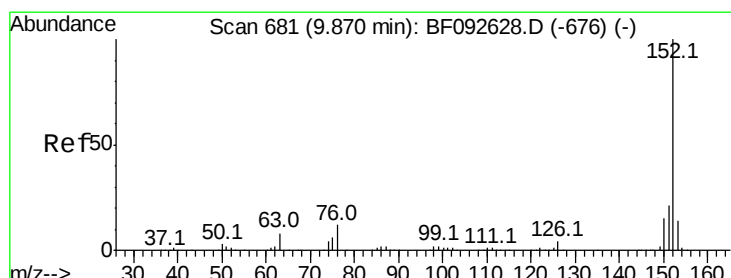
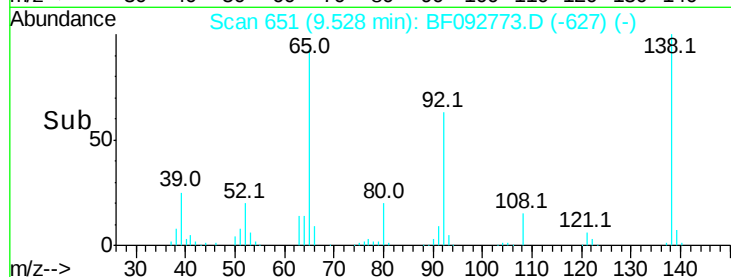
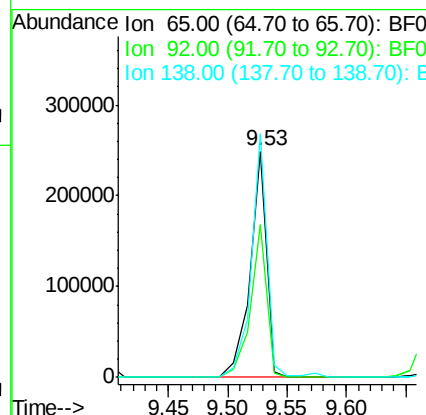
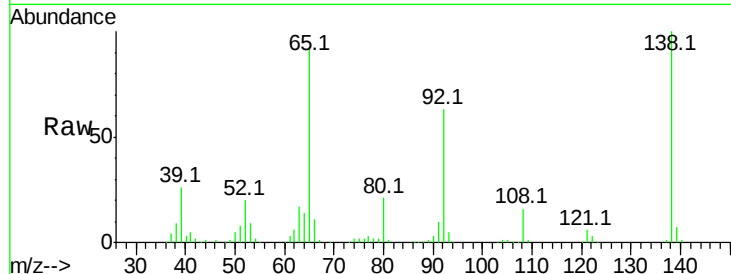
#47
 2-Nitroaniline
 Concen: 41.44 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.9	80.9
138	107.7	76.8	115.2

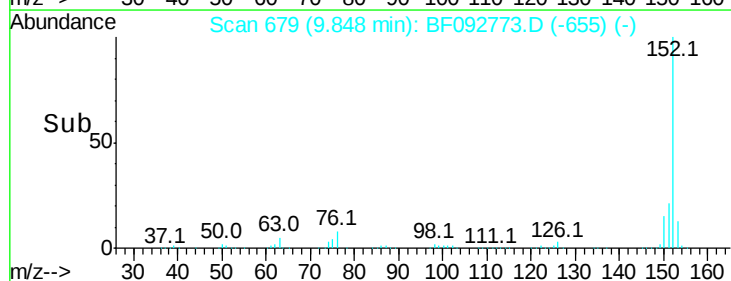
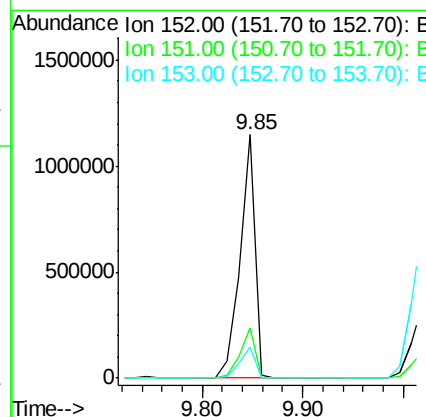
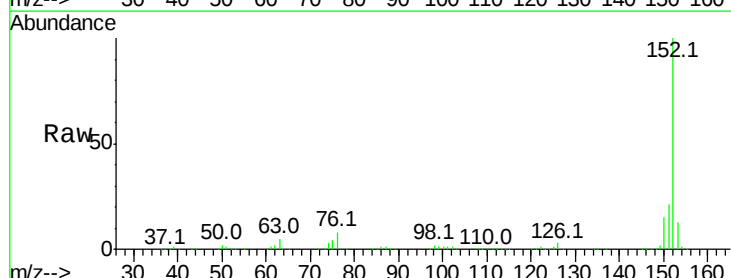
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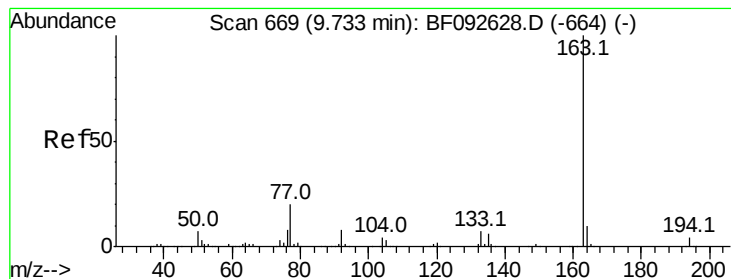
mohammad
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#48
 Acenaphthylene
 Concen: 39.45 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.0	11.4	17.2





#49

Dimethylphthalate

Concen: 41.87 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

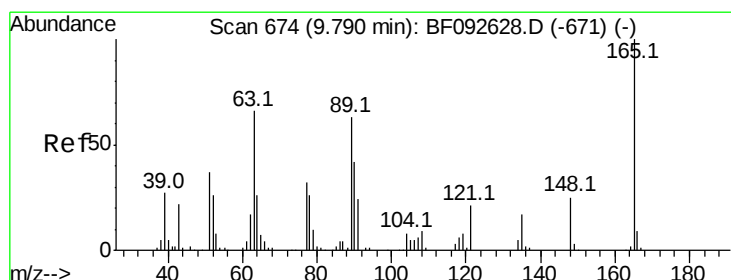
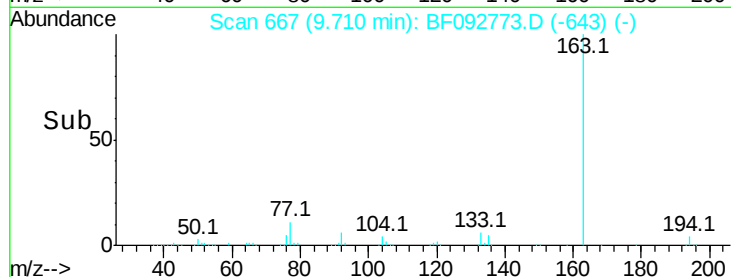
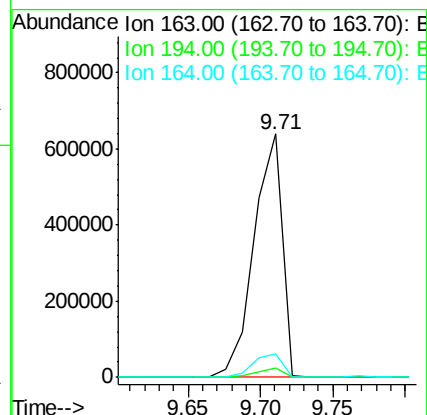
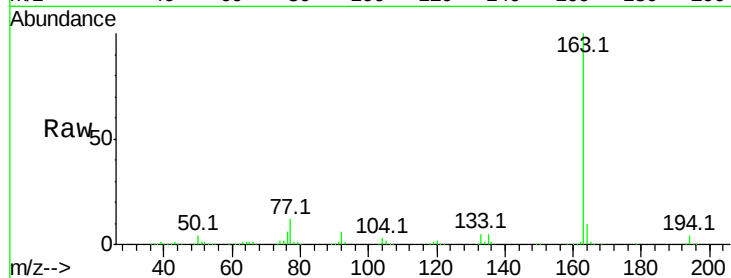
ClientSampleId :

PB96683BS

Tot Ion:	163	Resp:	862857
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.4
164	9.9	8.0	12.0

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#50

2,6-Dinitrotoluene

Concen: 41.43 ng

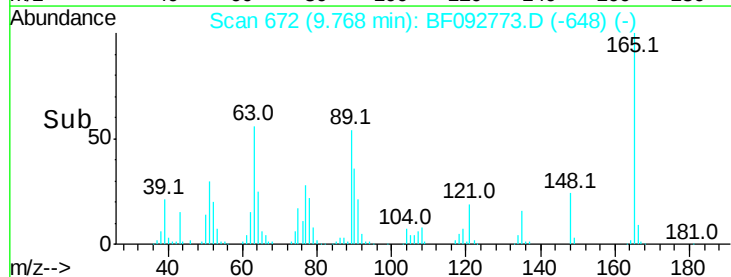
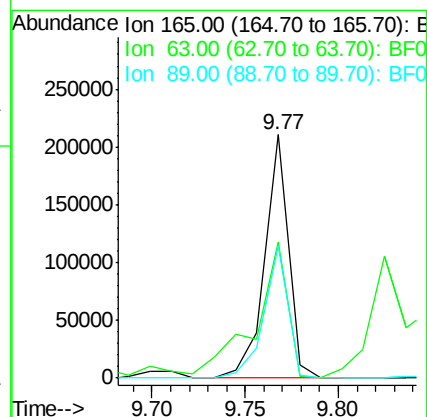
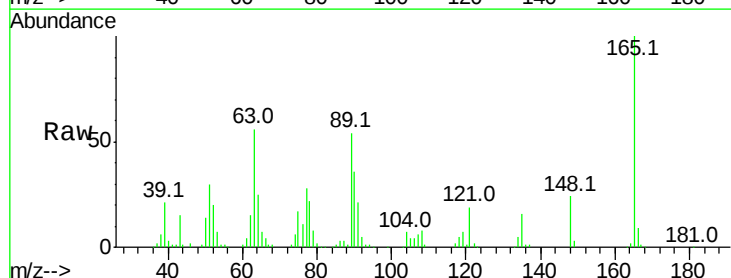
RT: 9.77 min Scan# 672

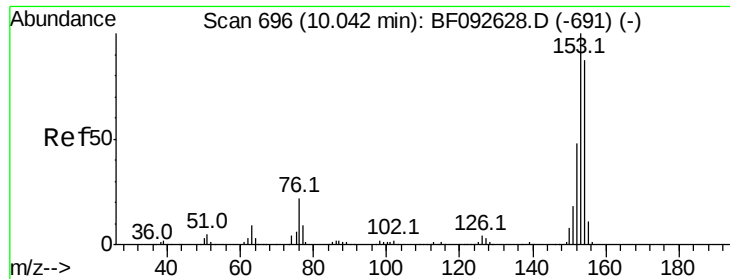
Delta R.T. -0.02 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Tgt Ion:	165	Resp:	184395
Ion Ratio	Lower	Upper	
165	100		
63	56.1	36.2	54.4#
89	54.4	40.2	60.4





#51

Acenaphthene

Concen: 41.30 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

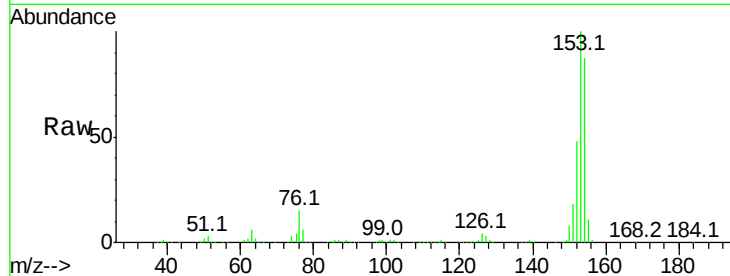
ClientSampleId :

PB96683BS

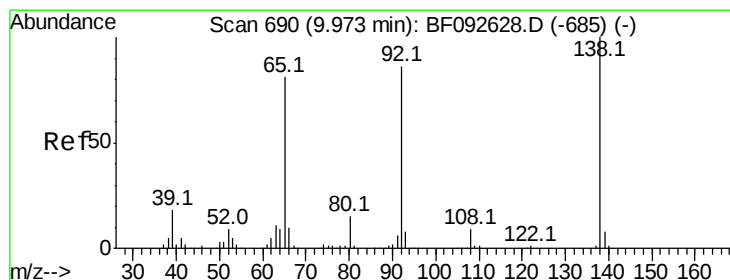
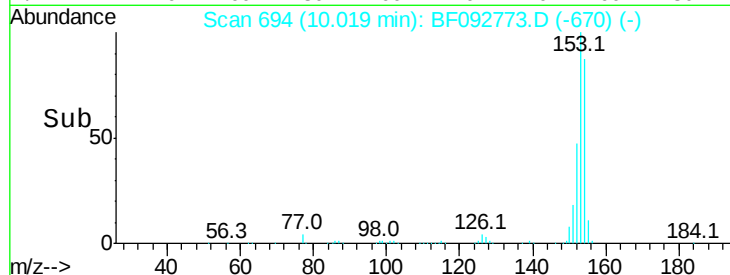
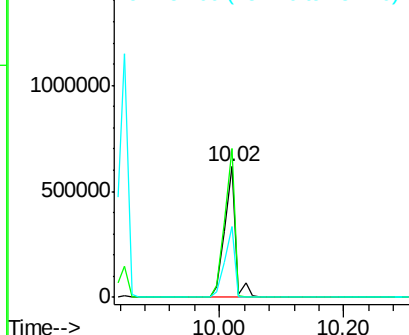
Tot Ion:	154	Resp:	739241
Ion Ratio	Lower	Upper	
154	100		
153	114.5	88.6	133.0
152	54.4	41.6	62.4

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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: 18.46 ng

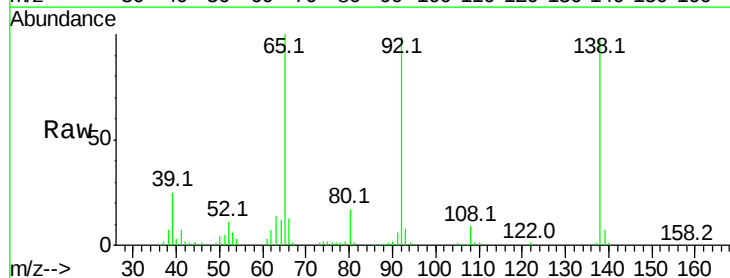
RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

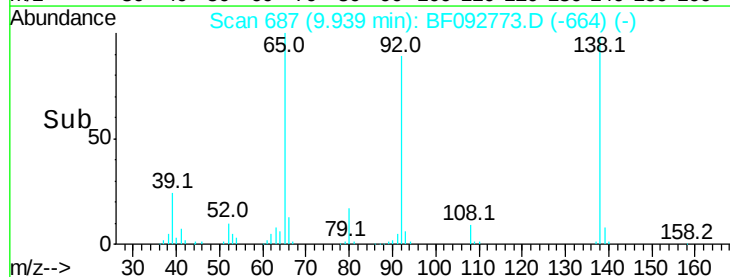
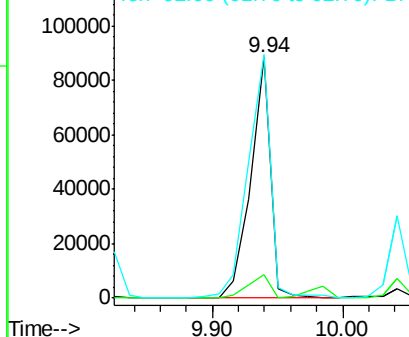
Lab File: BF092773.D

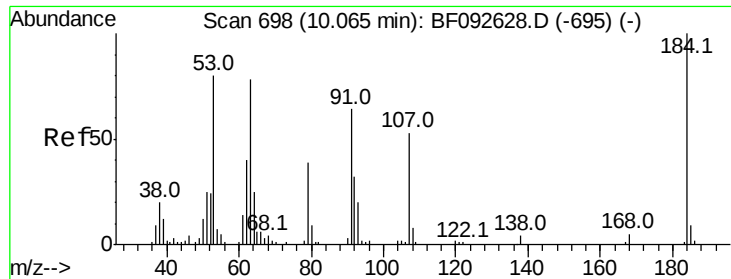
Acq: 3 Feb 2017 12:03

Tgt Ion:	138	Resp:	94012
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.5	12.7
92	101.2	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





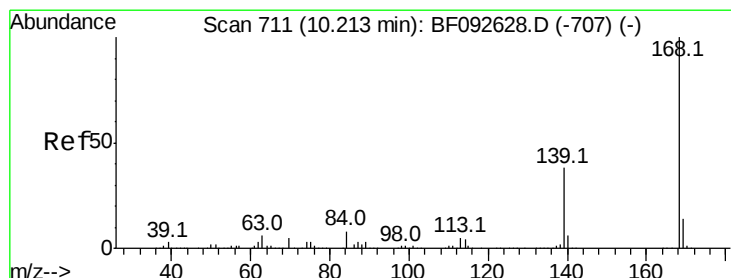
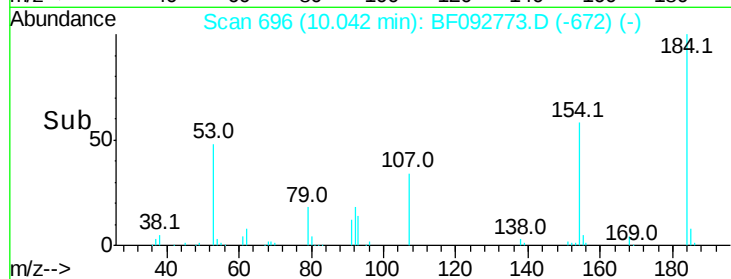
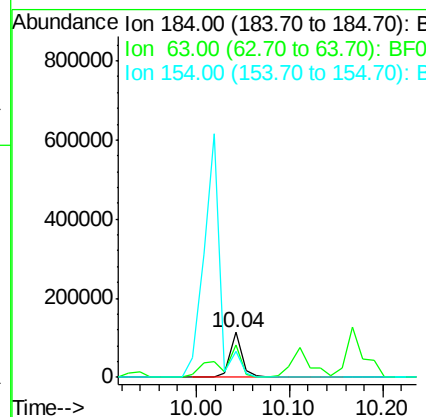
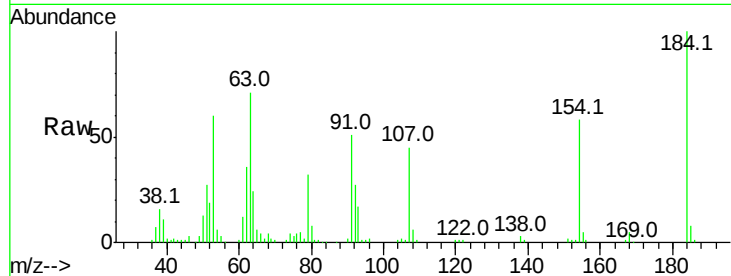
#53
 2,4-Dinitrophenol
 Concen: 49.05 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	71.4	28.4	42.6	
154	58.3	44.3	66.5	

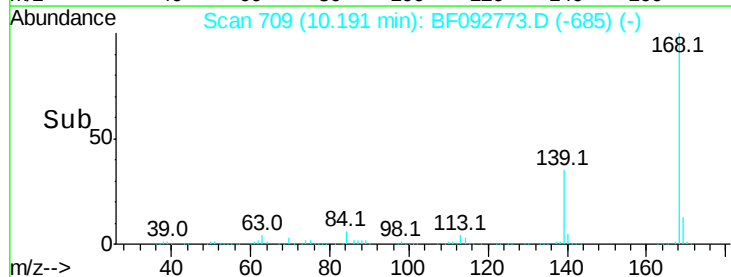
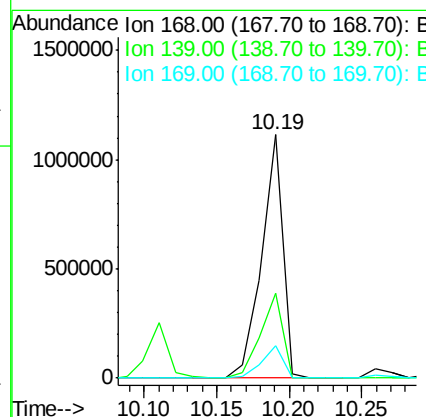
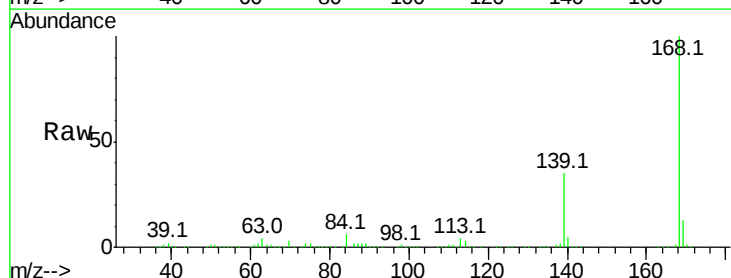
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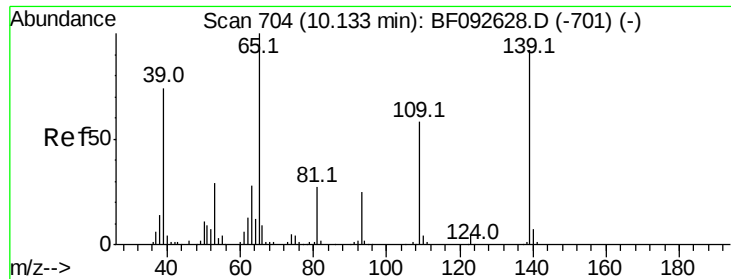
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#54
 Dibenzofuran
 Concen: 47.01 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.0	32.6	49.0	
169	13.3	11.3	16.9	





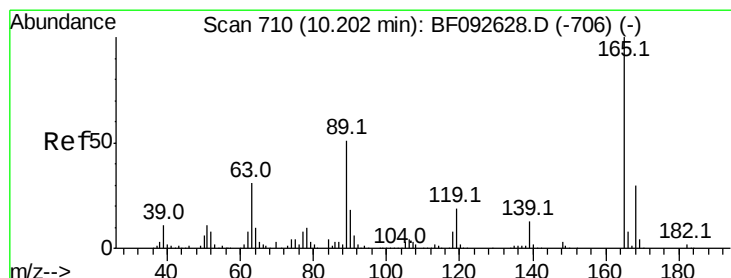
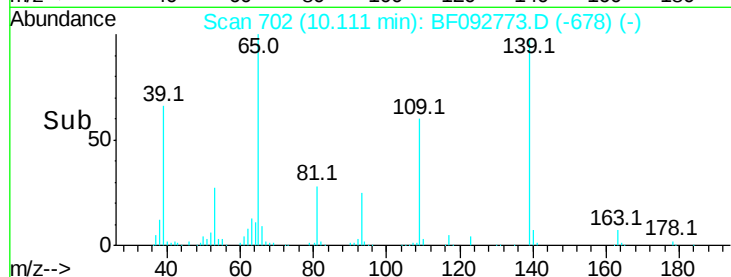
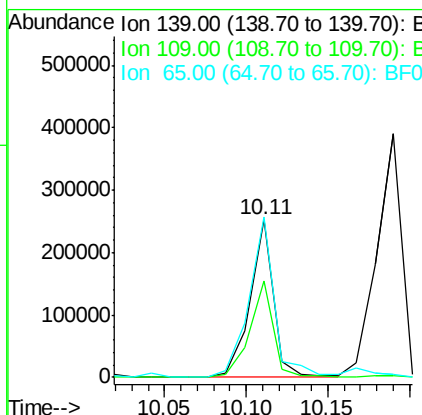
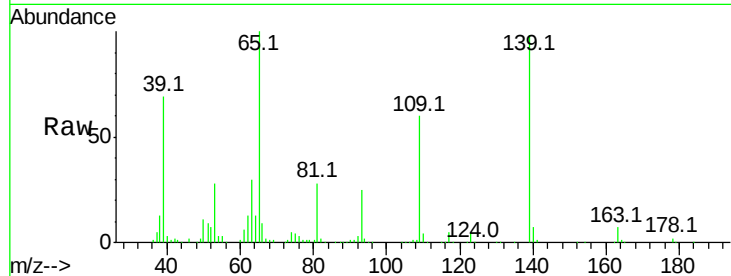
#55
4-Nitrophenol
Concen: 69.55 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	255145		
109	61.4	52.2	92.2	
65	102.0	85.8	125.8	

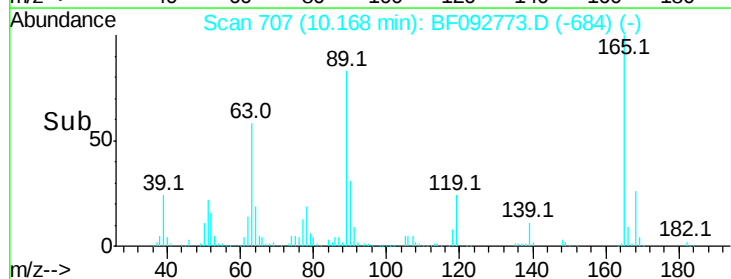
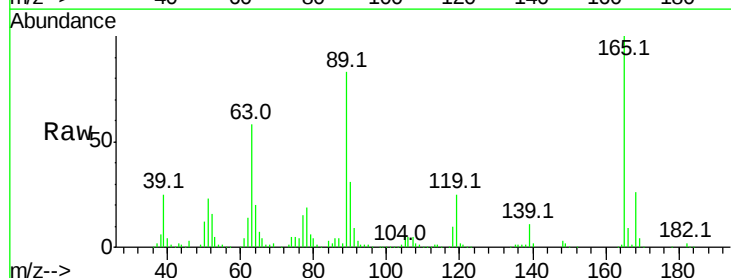
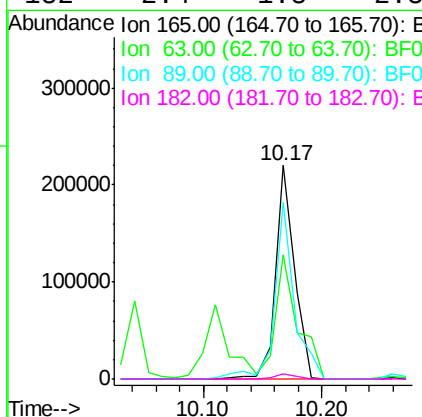
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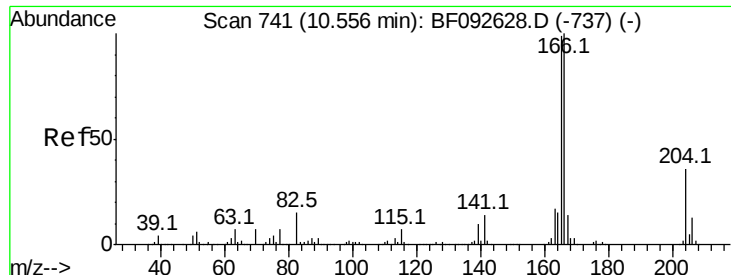
mohammad
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#56
2,4-Dinitrotoluene
Concen: 40.55 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	240298		
63	58.1	40.2	60.4	
89	82.8	62.5	93.7	
182	2.4	1.8	2.8	





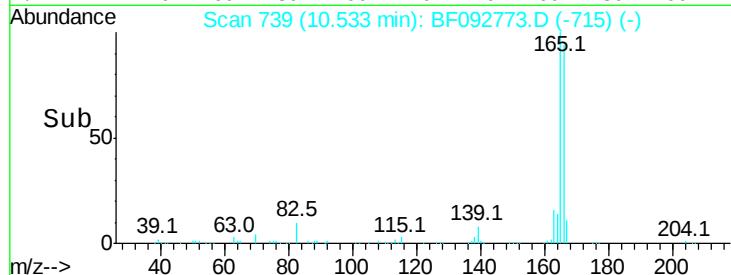
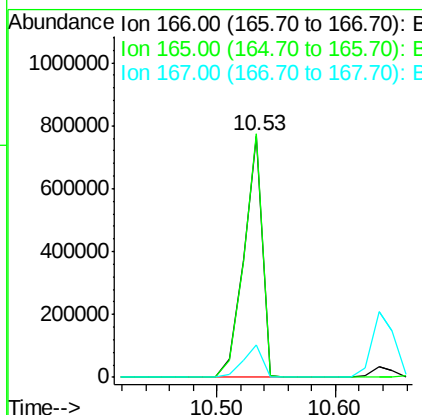
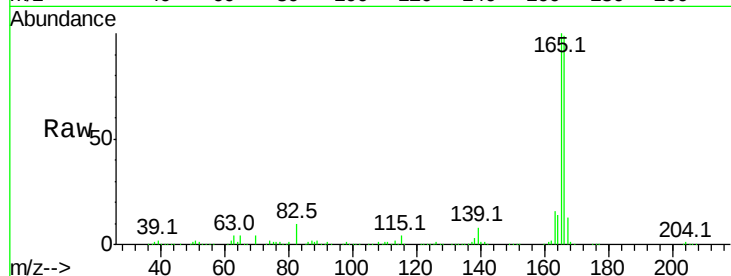
#57
 Fluorene
 Concen: 45.02 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	829231		
165	100.8	77.8	116.8	
167	13.2	10.8	16.2	

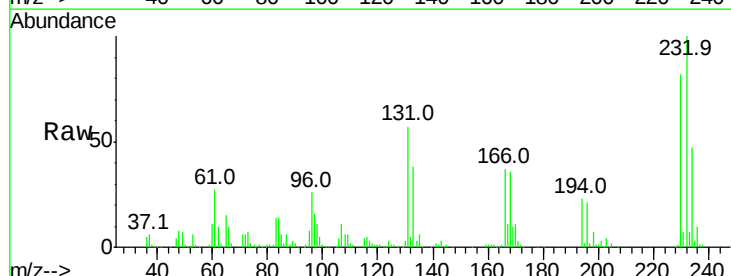
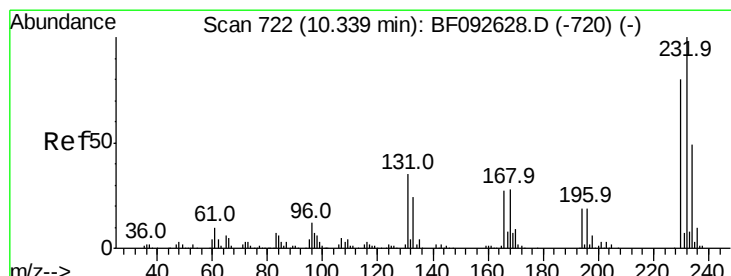
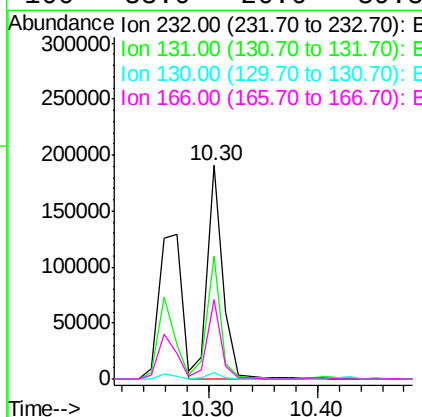
Manual Integrations
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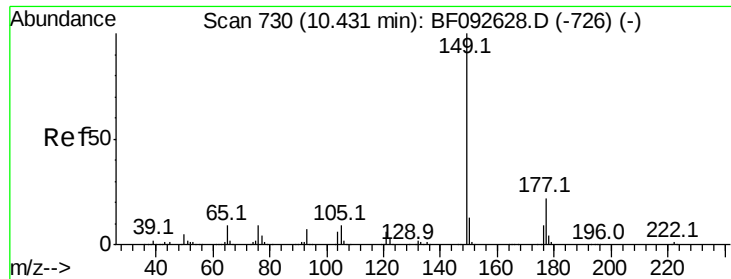
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.34 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	191140		
231	51.4	40.1	60.1	
130	2.6	1.8	2.8	
166	33.0	26.6	39.8	





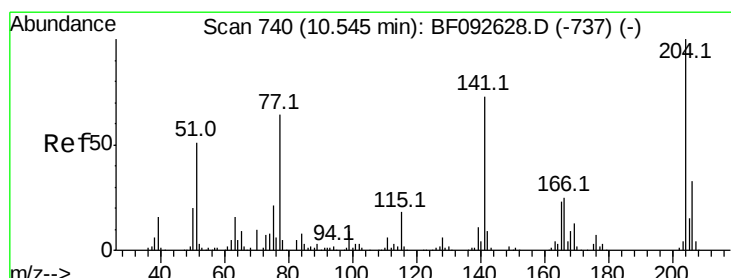
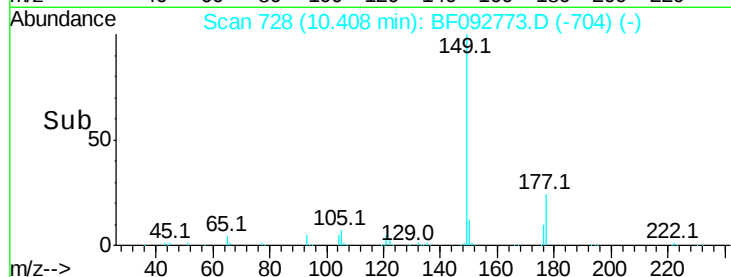
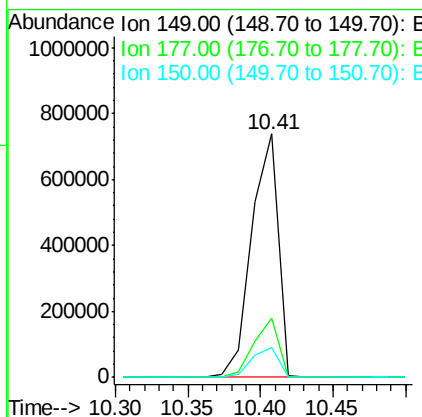
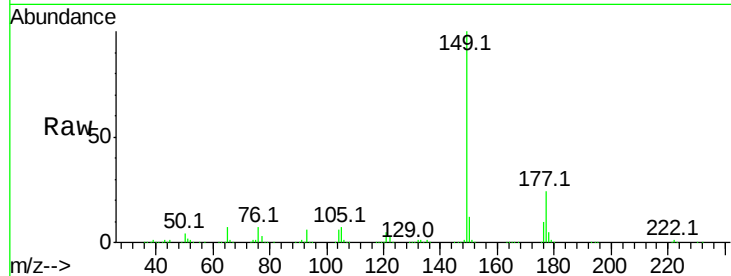
#59
Diethylphthalate
Concen: 48.32 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleID :
PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.1	16.6	25.0	
150	12.0	10.4	15.6	

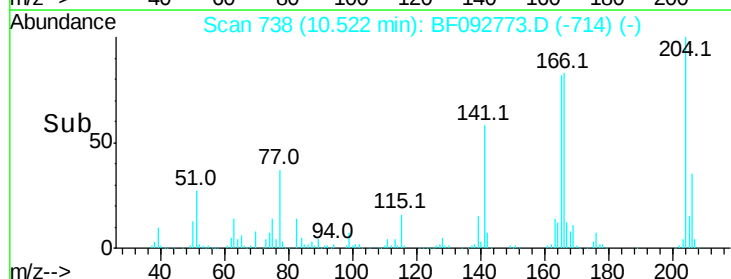
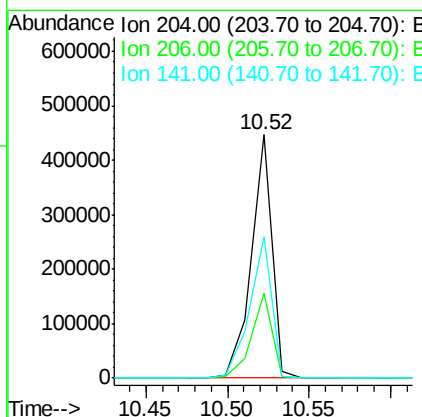
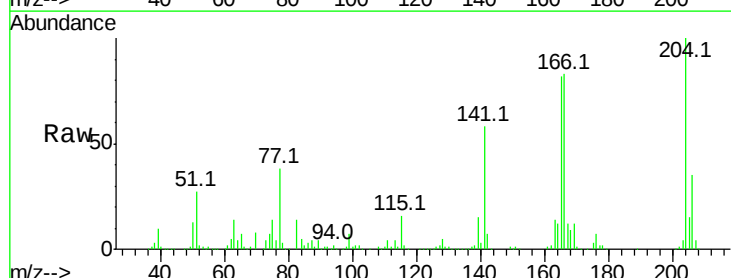
Manual Integrations
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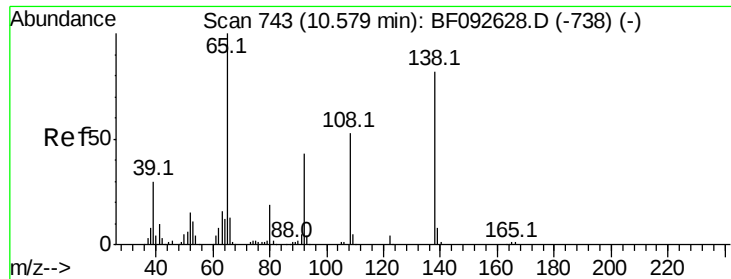
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.28 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.9	25.8	38.6	
141	58.1	59.4	89.0	





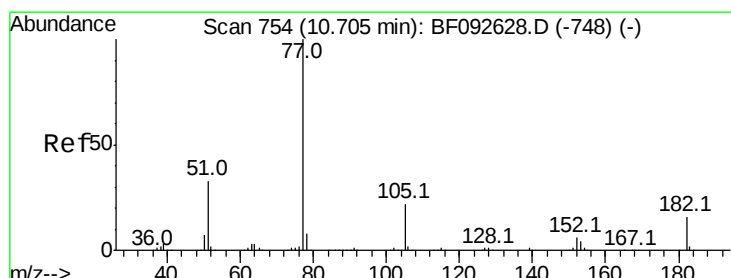
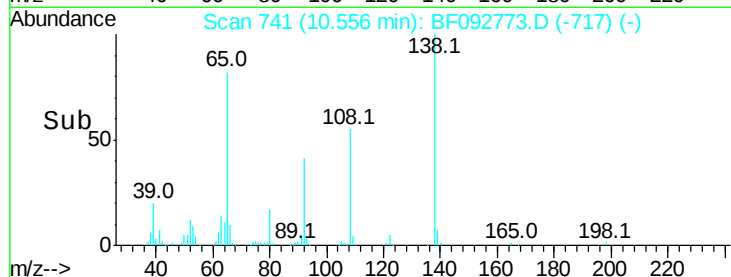
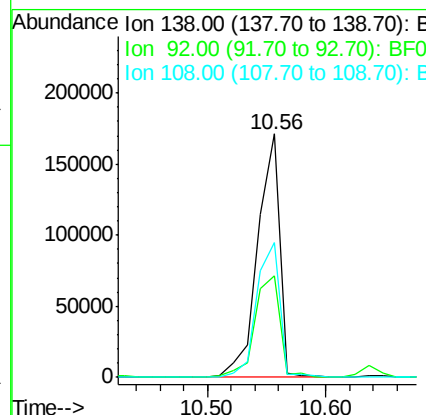
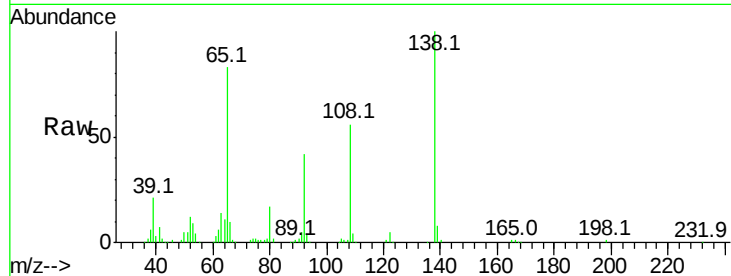
#61
4-Nitroaniline
Concen: 43.11 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.6	31.7	71.7
108	55.6	52.6	92.6

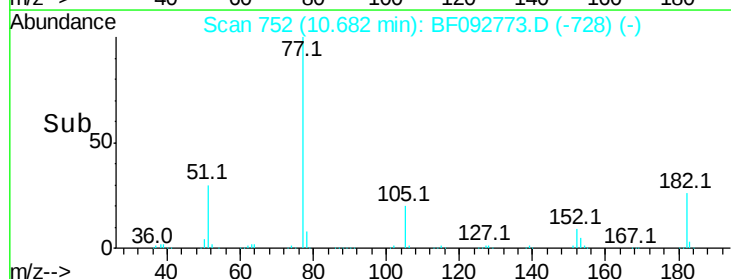
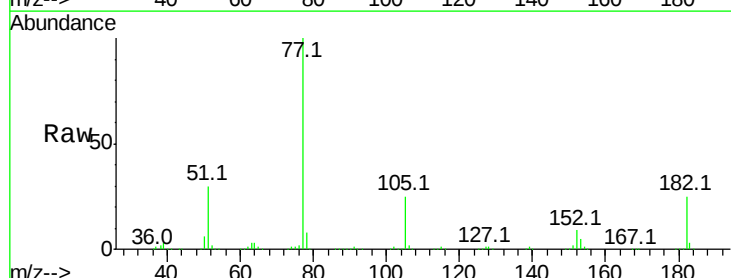
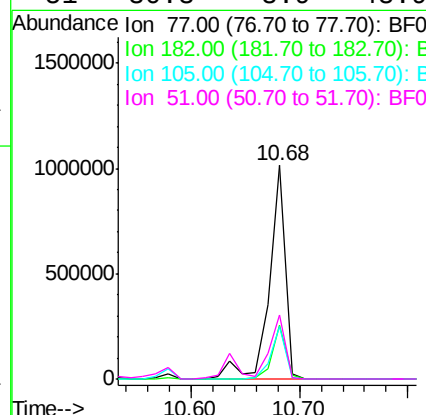
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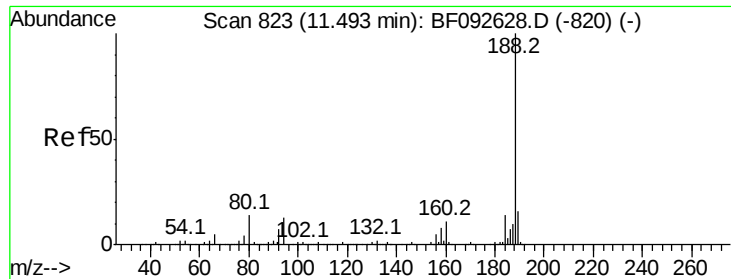
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#62
Azobenzene
Concen: 52.82 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	0.0	39.3
105	24.5	2.3	42.3
51	30.3	8.9	48.9





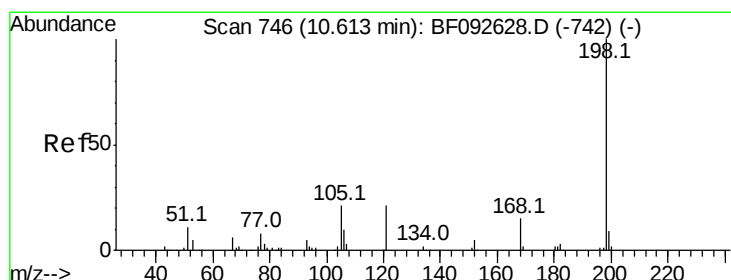
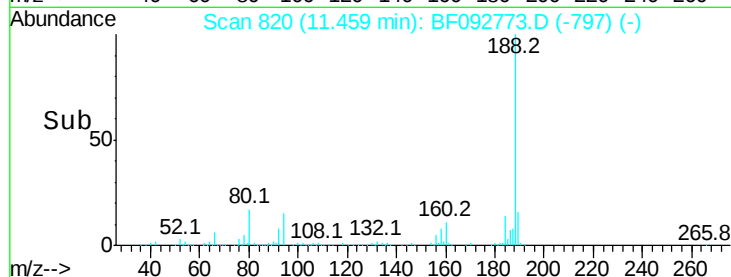
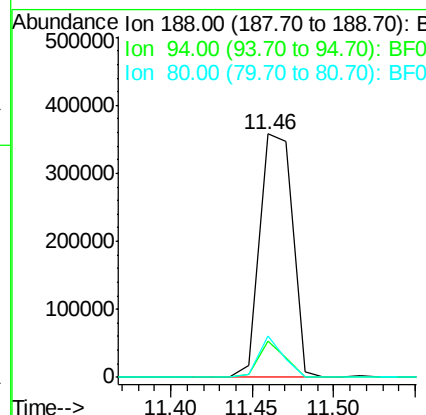
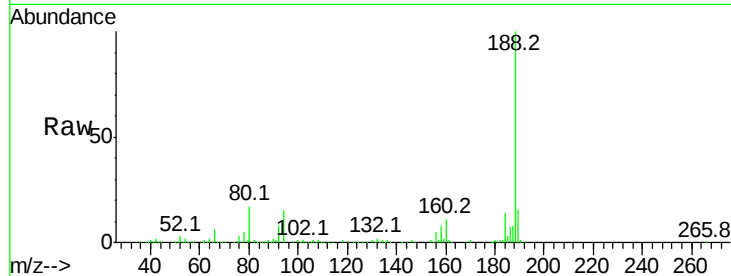
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	502149		
94	15.0	10.0	15.0#	
80	17.2	11.2	16.8#	

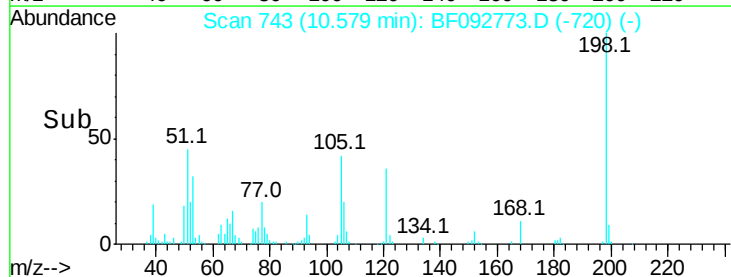
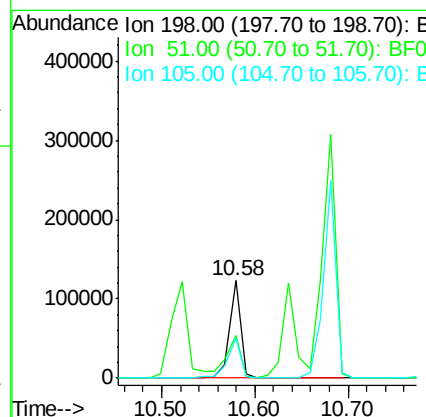
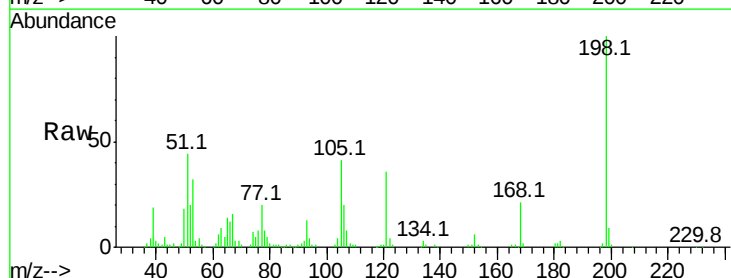
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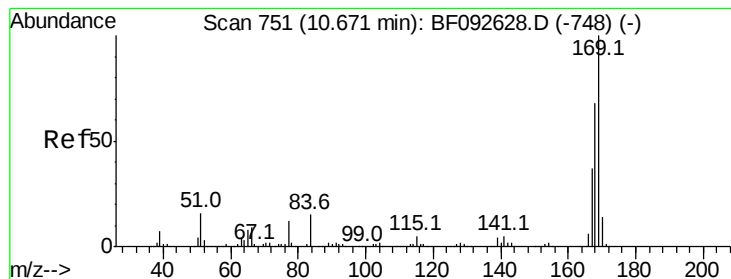
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.05 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	104801		
51	44.0	6.7	46.7	
105	41.0	16.6	56.6	





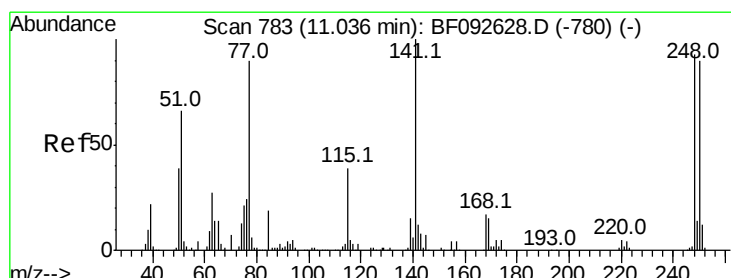
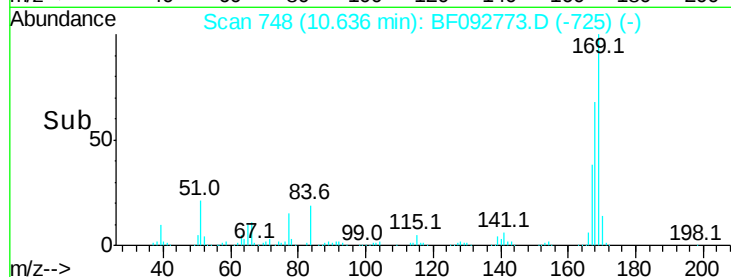
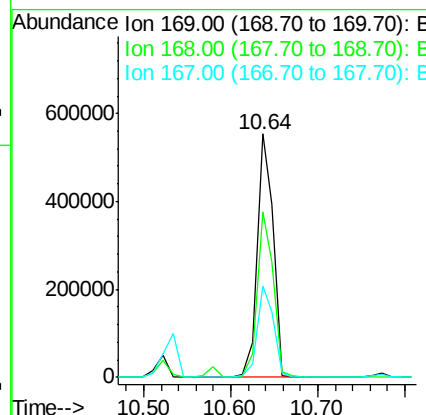
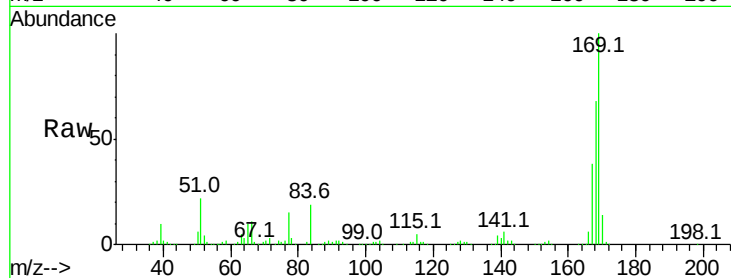
#65
n-Nitrosodiphenylamine
Concen: 44.69 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	716877		
168	67.9		54.2	81.2
167	37.5		30.2	45.4

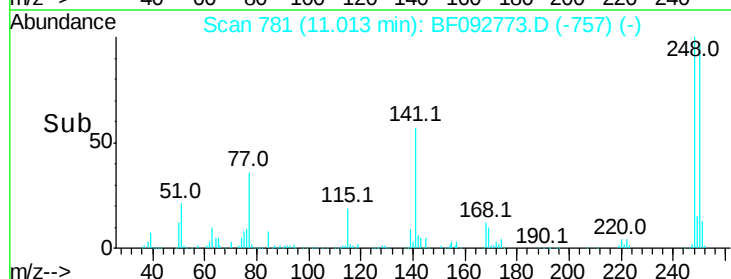
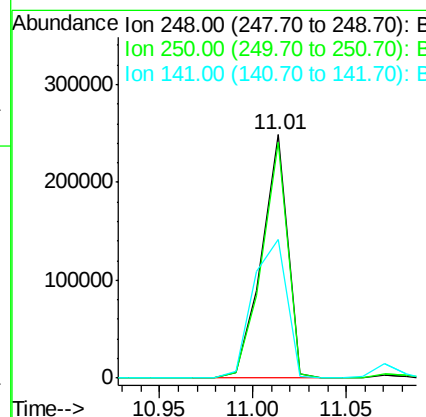
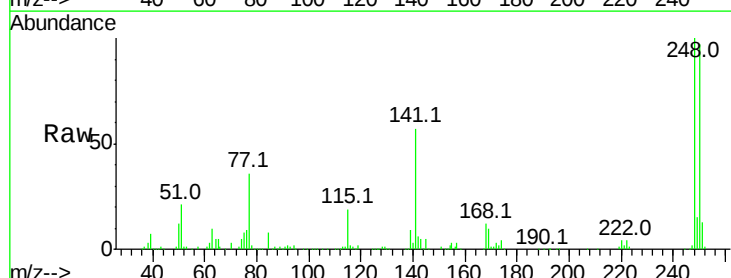
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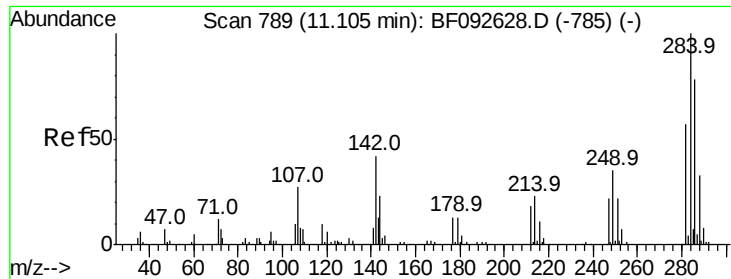
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#66
4-Bromophenyl-phenylether
Concen: 45.52 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	238812		
250	96.9		76.9	115.3
141	56.8		68.2	102.4#





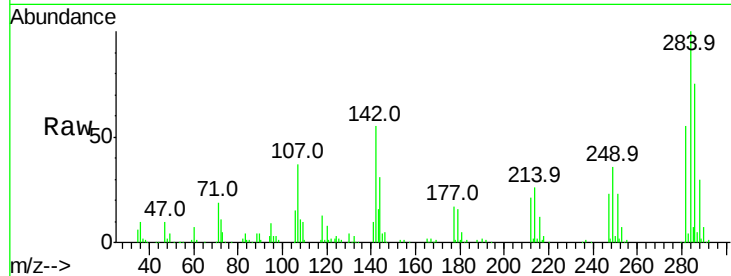
#67
Hexachlorobenzene
Concen: 41.26 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

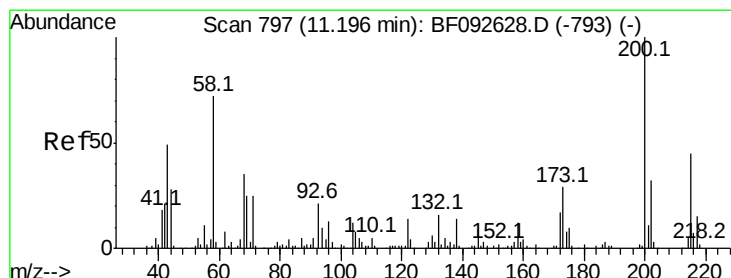
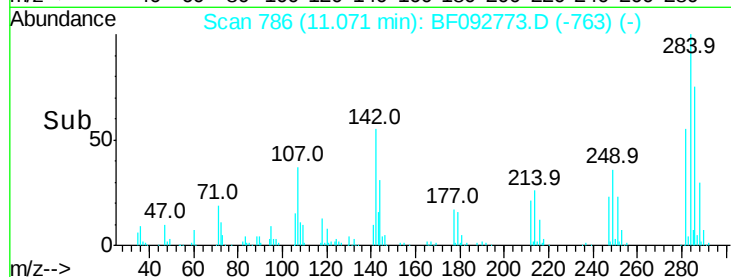
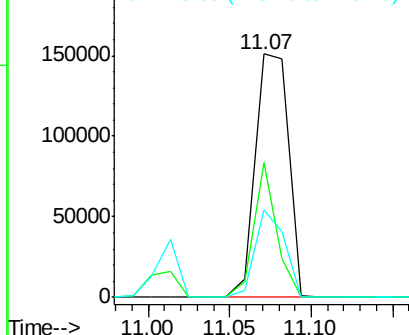
Tot Ion	Ratio	Resp	Lower	Upper
284	100	213896		
142	55.3	22.6	33.8#	
249	36.0	25.4	38.0	

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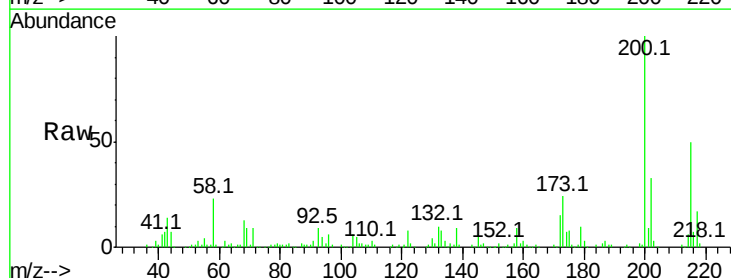


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

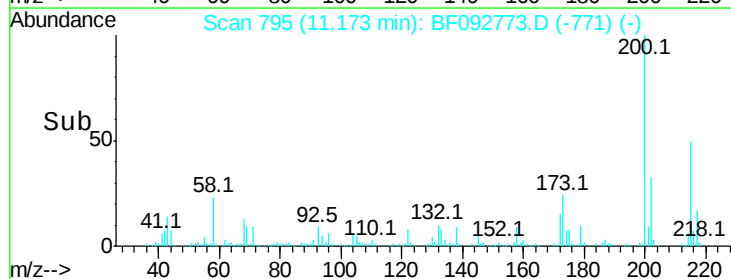
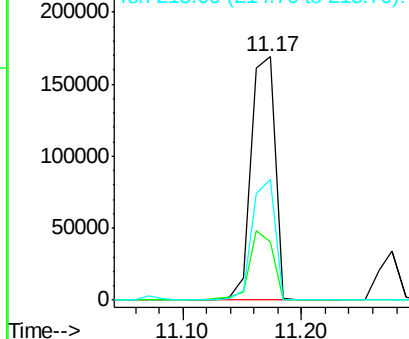


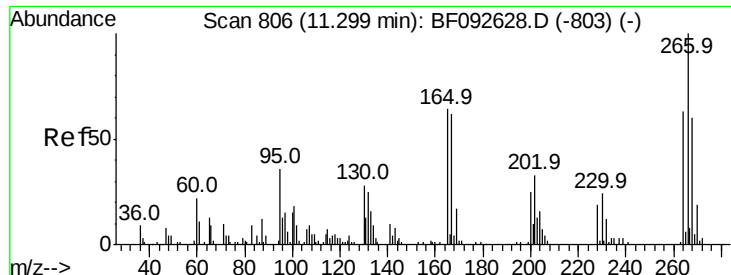
#68
Atrazine
Concen: 46.77 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	240757		
173	23.7	9.6	49.6	
215	49.7	25.7	65.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





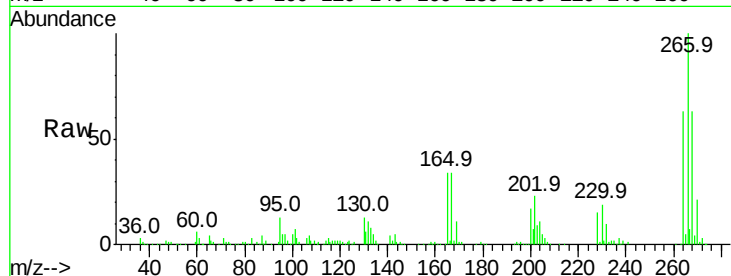
#69
 Pentachlorophenol
 Concen: 76.56 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

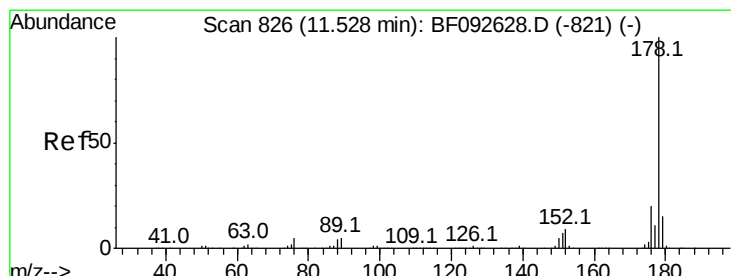
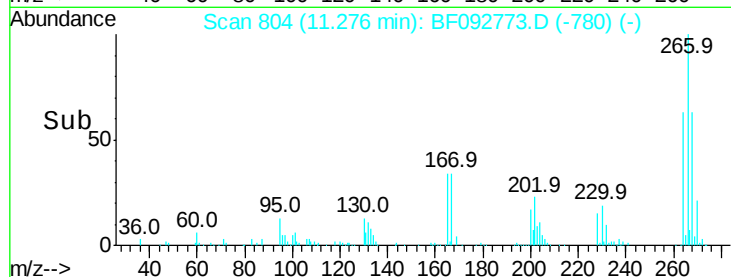
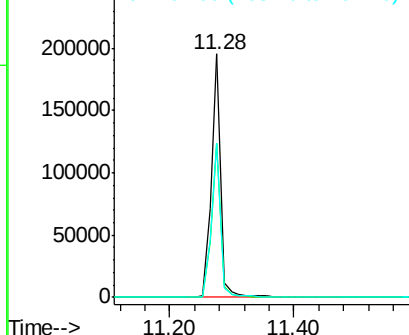
Tot Ion	Ratio	Resp	Lower	Upper
266	100	203976		
268	63.4		53.3	79.9
264	63.5		50.3	75.5

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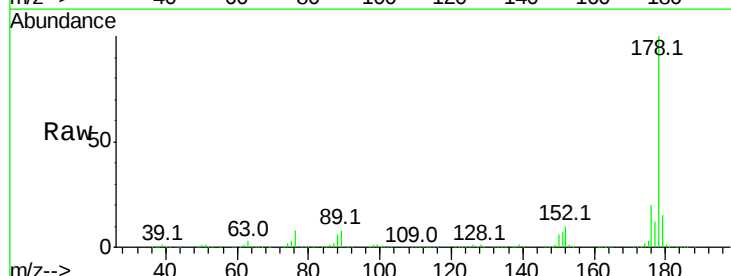


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

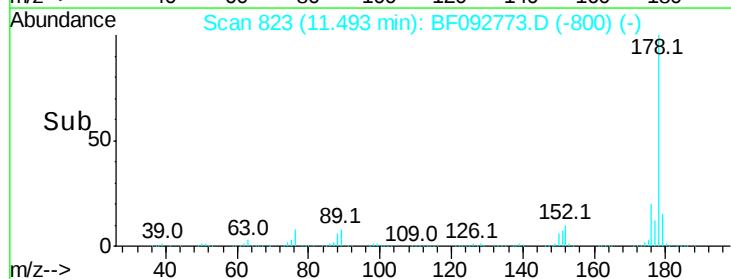
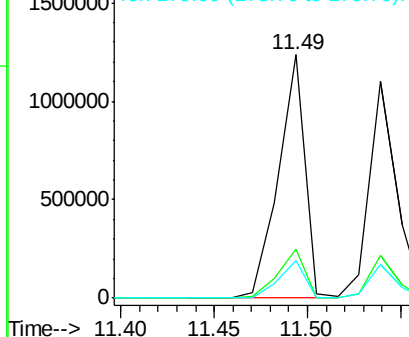


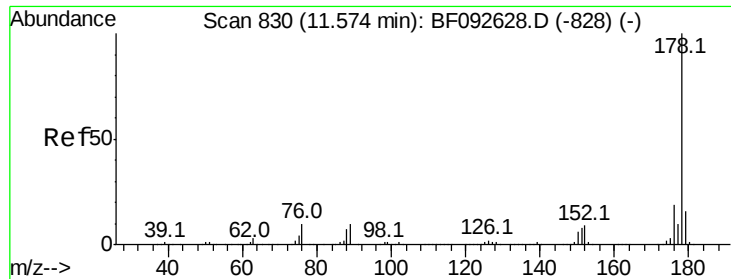
#70
 Phenanthrene
 Concen: 42.36 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1218540		
176	20.3		16.6	25.0
179	15.3		12.8	19.2



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





#71
 Anthracene
 Concen: 38.29 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

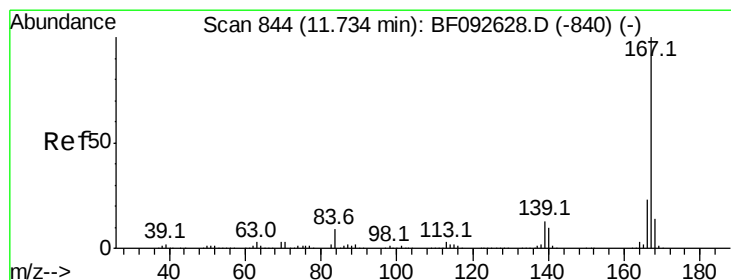
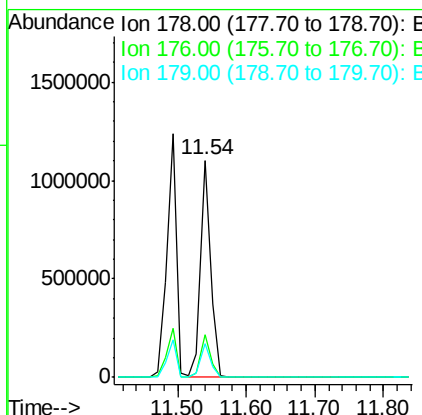
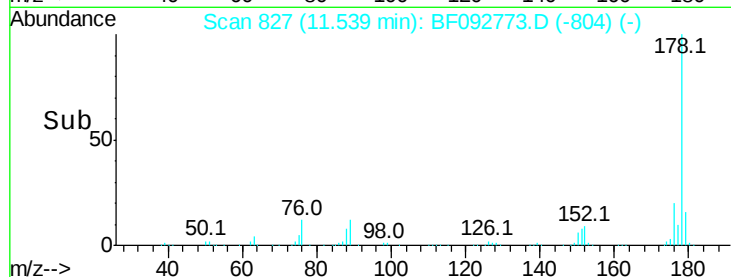
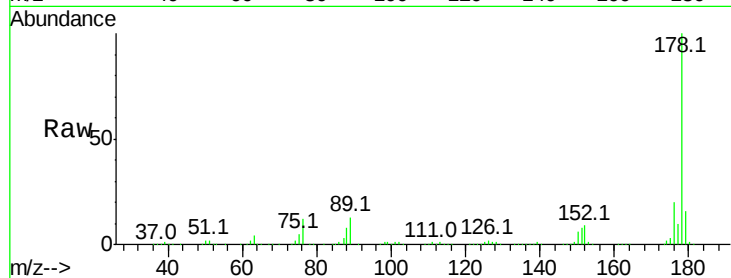
Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion:178 Resp: 1106202

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.7	13.2	19.8

Manual Integrations
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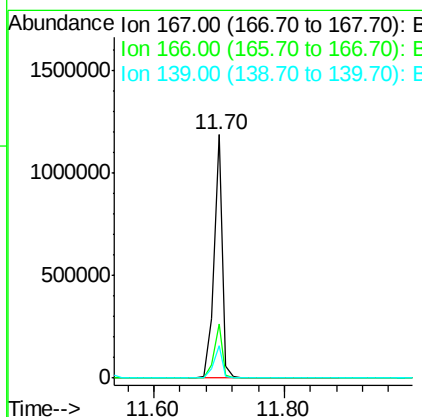
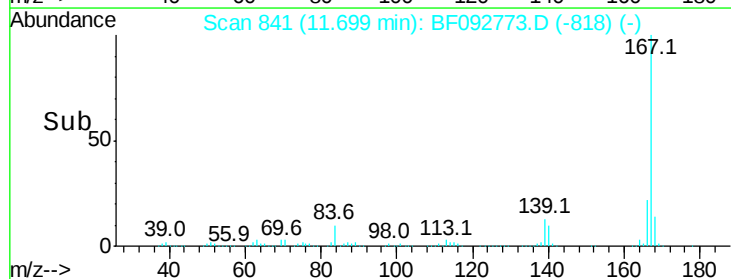
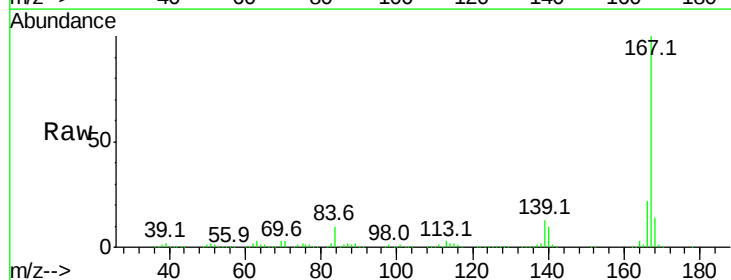
mohammad
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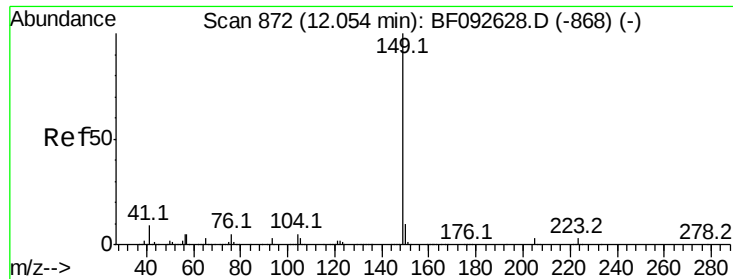


#72
 Carbazole
 Concen: 38.98 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion:167 Resp: 1076482

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.1	11.4	17.2





#73

Di-n-butylphthalate

Concen: 45.81 ng

RT: 12.02 min Scan# 869

Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

ClientSampleId :

PB96683BS

Tot Ion:149 Resp: 1368081

Ion Ratio Lower Upper

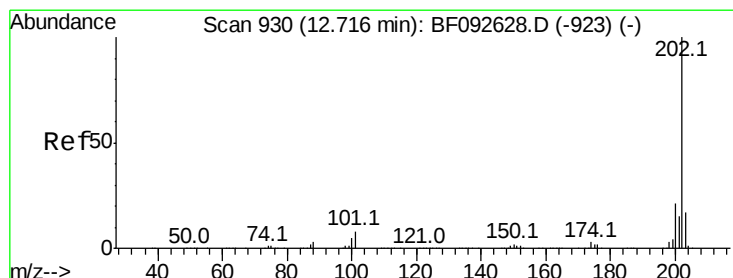
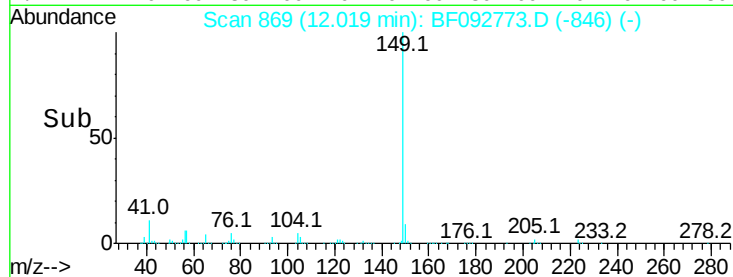
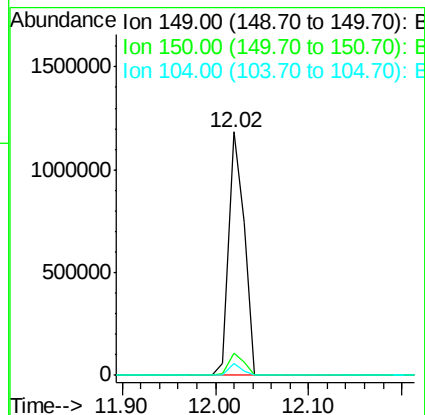
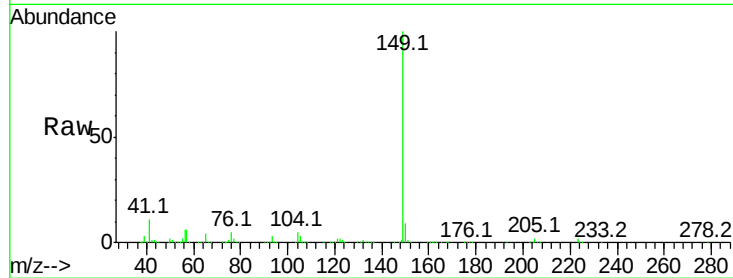
149 100

150 9.4 8.1 12.1

104 5.0 4.6 7.0

Manual Integrations
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mohammad
2/3/2017 1:23:13 PM



#74

Fluoranthene

Concen: 34.62 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

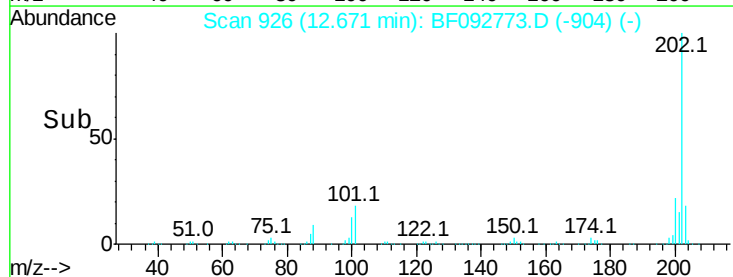
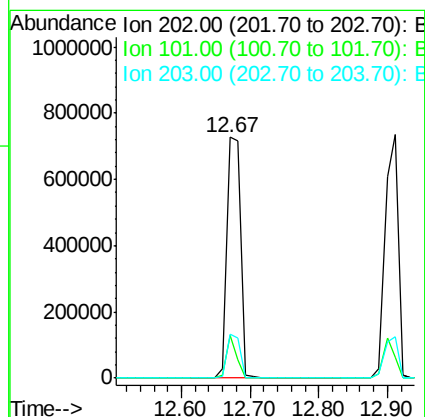
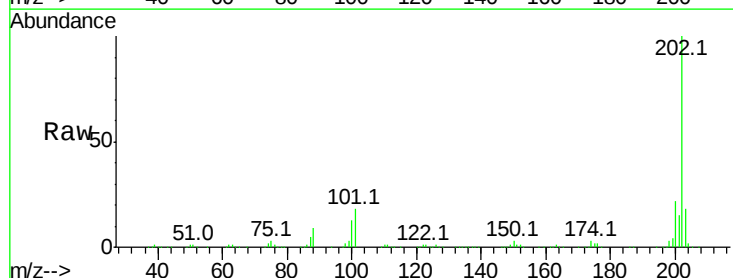
Tgt Ion:202 Resp: 1027327

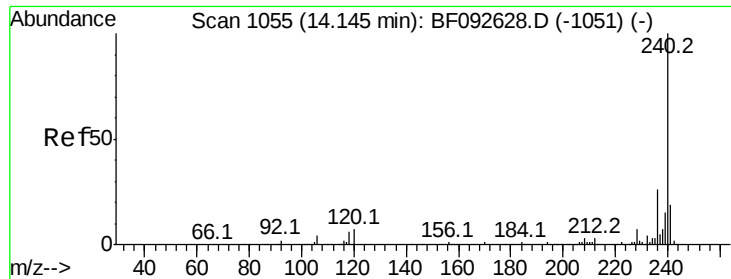
Ion Ratio Lower Upper

202 100

101 17.5 0.0 34.6

203 18.1 0.0 38.7





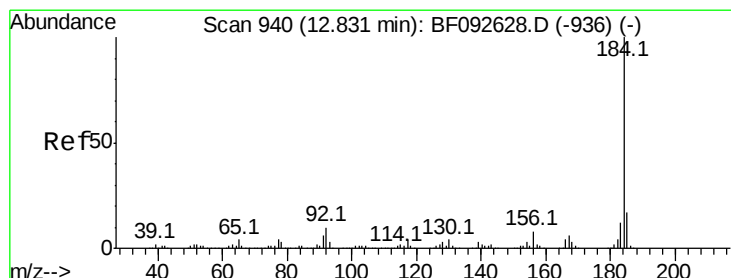
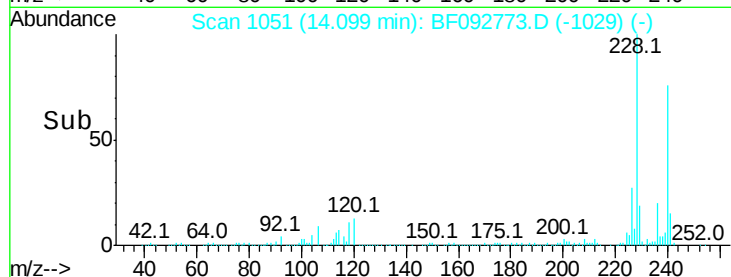
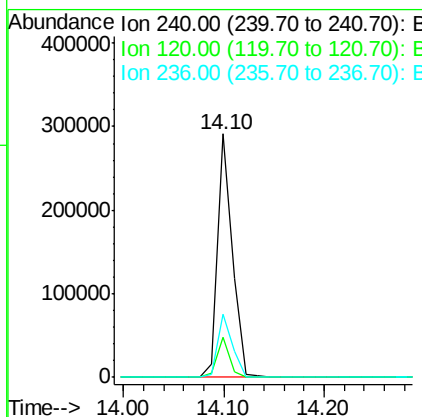
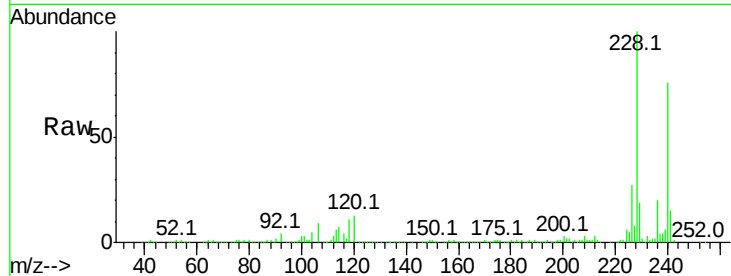
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	297415		
120	16.4		12.9	19.3
236	26.0		20.9	31.3

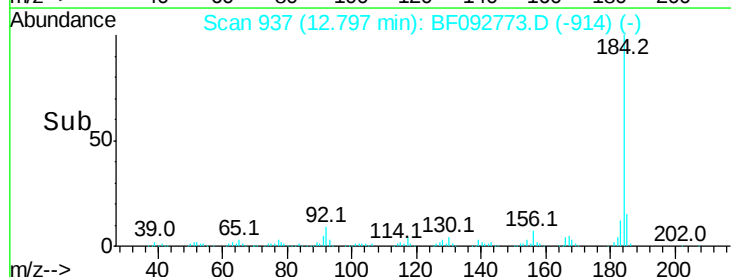
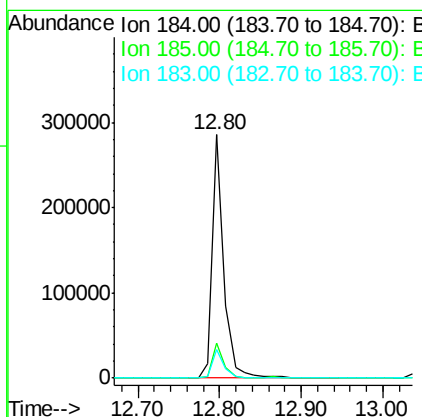
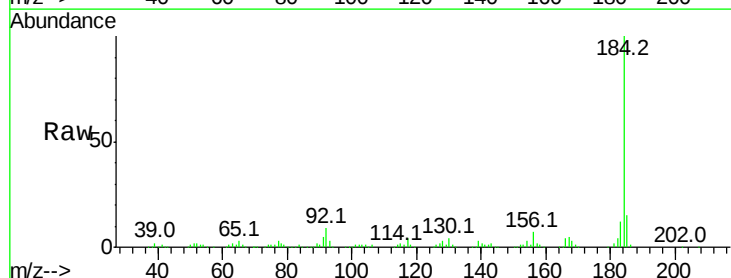
Manual Integrations
APPROVED

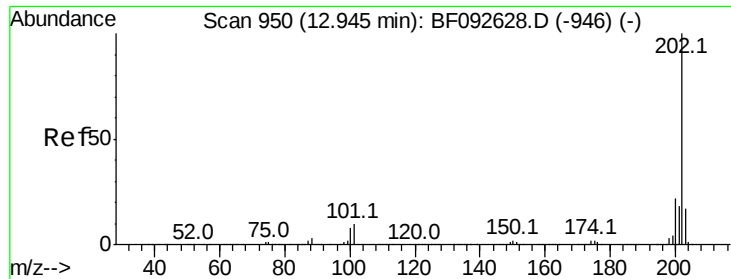
mohammad
2/3/2017 1:23:13 PM



#76
Benzidine
Concen: 22.63 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	286839		
185	14.6		13.4	20.0
183	11.9		9.2	13.8





#77

Pvrene

Concen: 42.96 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

Instrument :

BNA_F

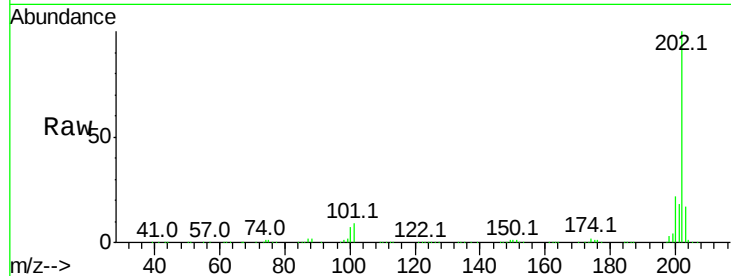
ClientSampleId :

PB96683BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	16.9	14.7	22.1

Manual Integrations
APPROVED

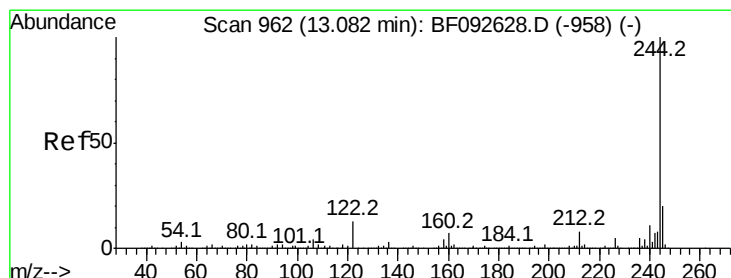
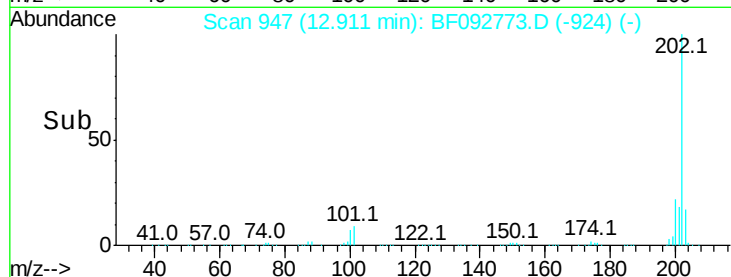
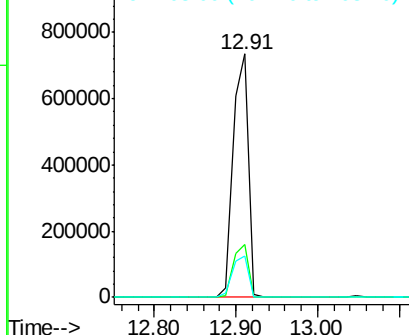
mohammad
2/3/2017 1:23:13 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.48 ng

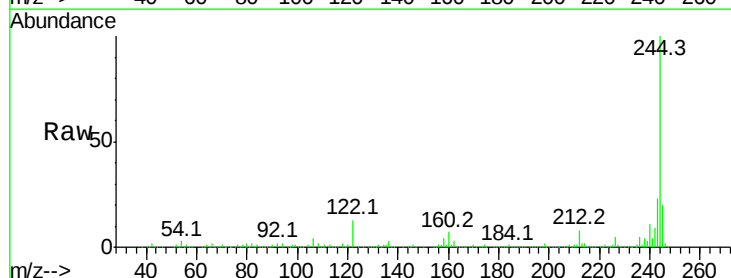
RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092773.D

Acq: 3 Feb 2017 12:03

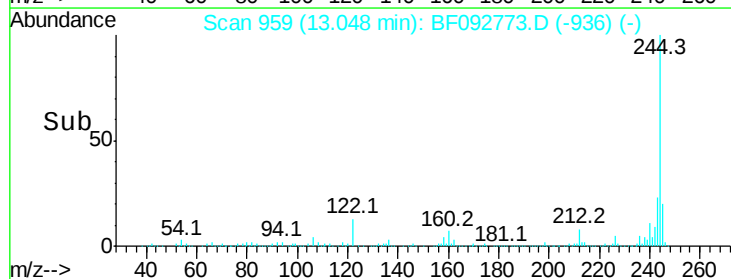
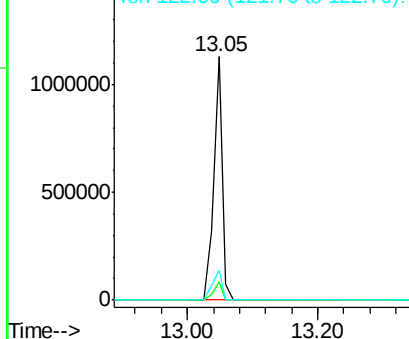
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.5	11.4	17.2

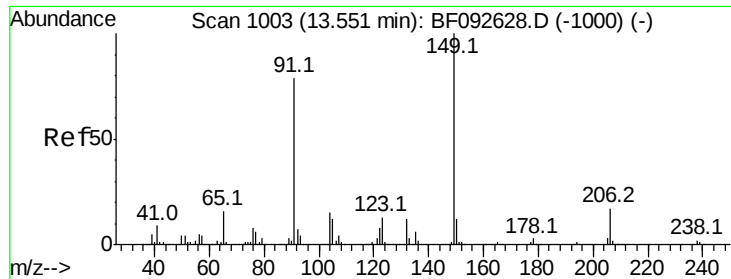


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





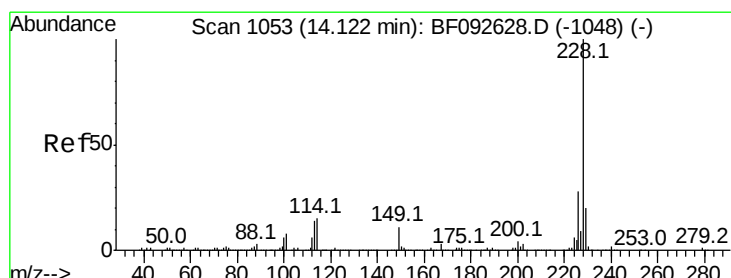
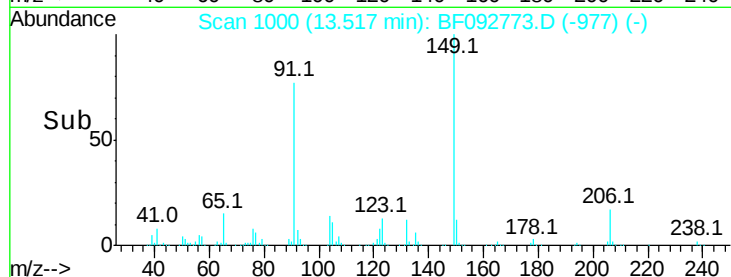
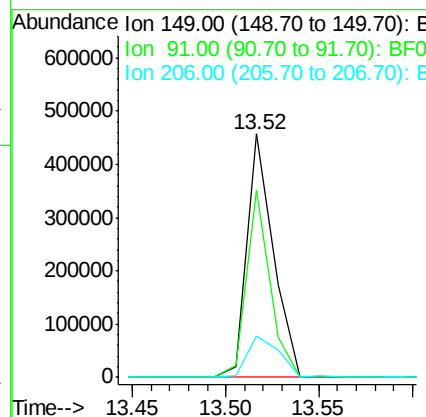
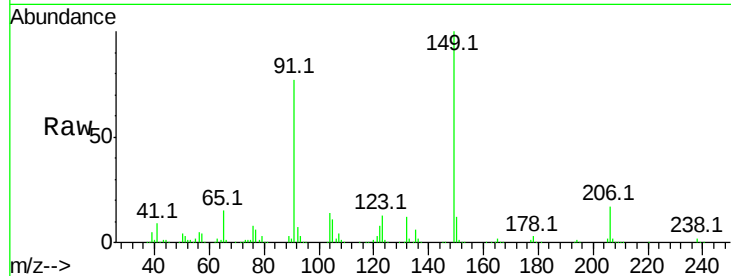
#79
Butylbenzylphthalate
Concen: 49.57 ng
RT: 13.52 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	76.9	63.9	95.9
206	16.8	14.6	21.8

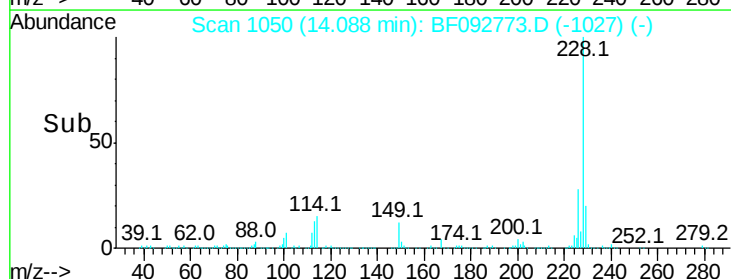
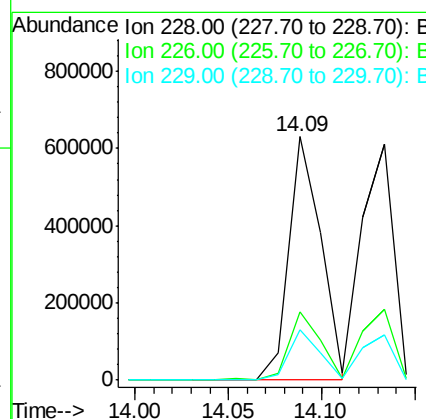
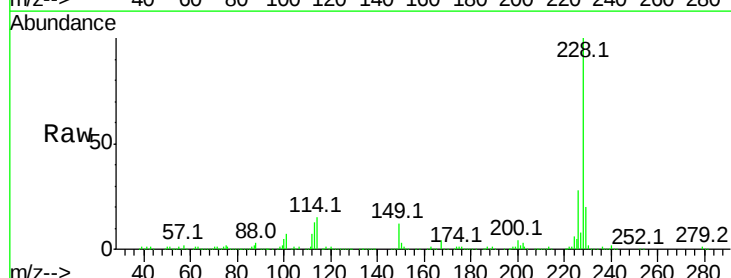
Manual Integrations
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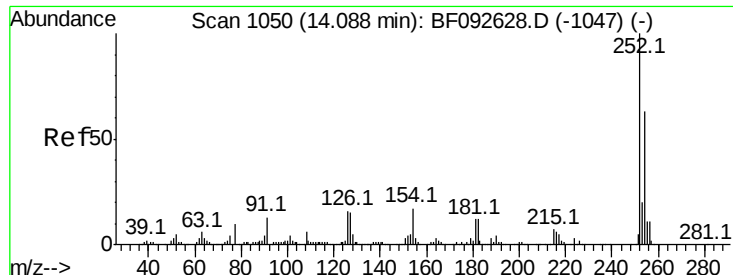
mohammad
2/3/2017 1:23:13 PM



#80
Benzo(a)anthracene
Concen: 41.54 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	22.4	33.6
229	20.4	16.2	24.4





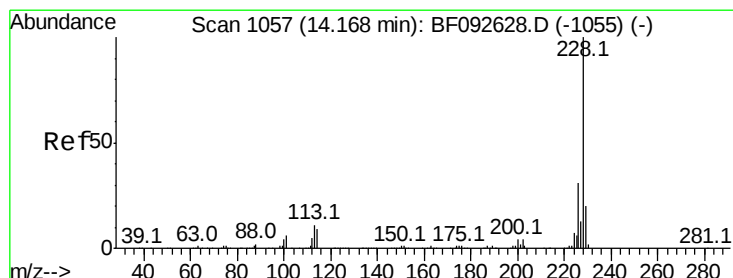
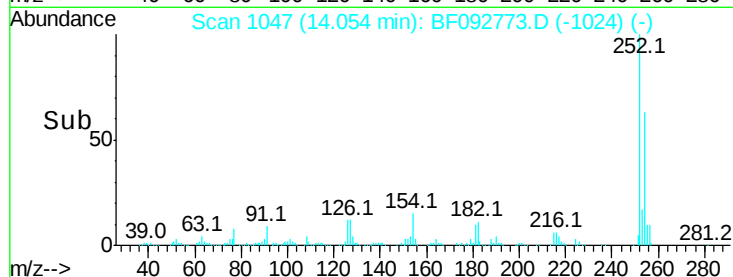
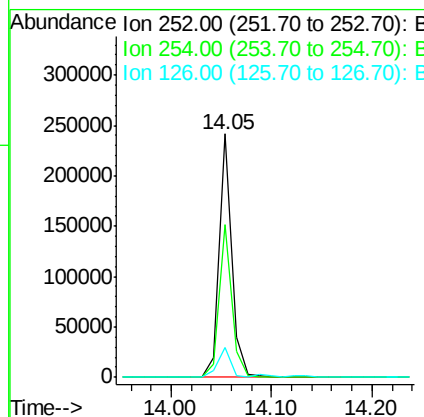
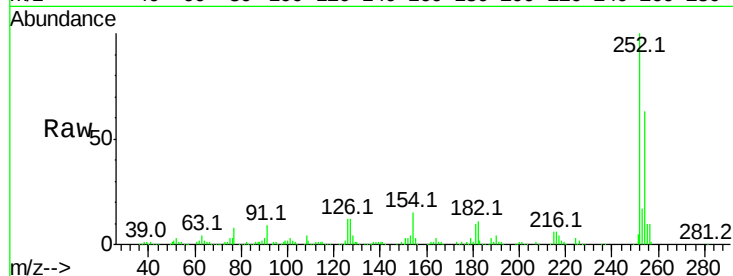
#81
 3,3'-Dichlorobenzidine
 Concen: 32.44 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.7	52.3	78.5
126	12.4	13.6	20.4

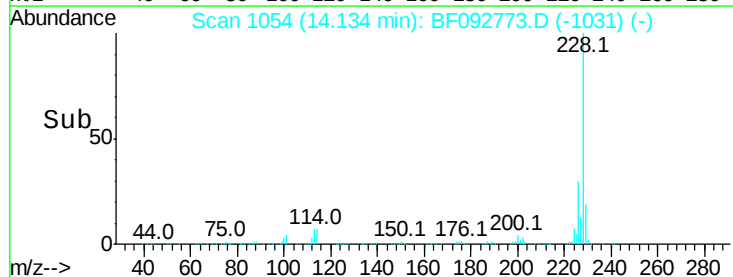
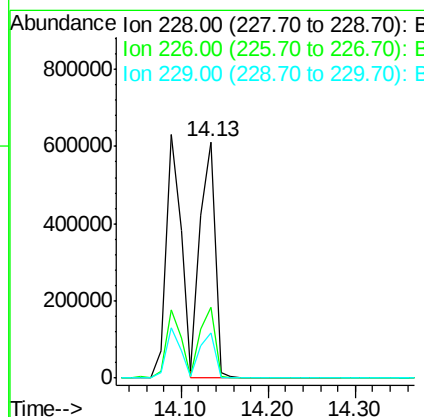
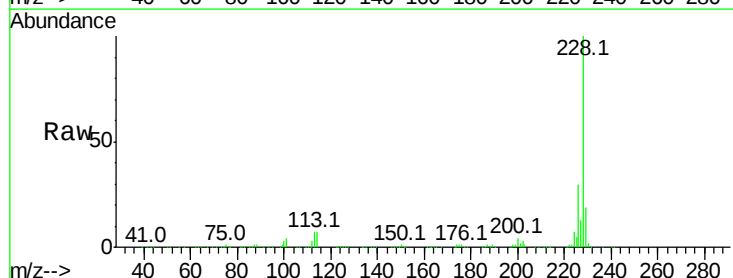
Manual Integrations
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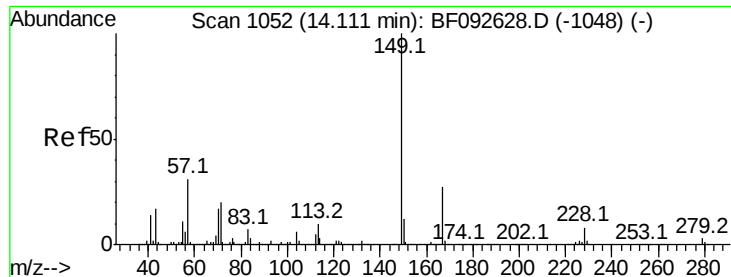
mohammad
 2/3/2017 1:23:13 PM



#82
 Chrysene
 Concen: 42.70 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	25.4	38.0
229	19.3	16.2	24.2





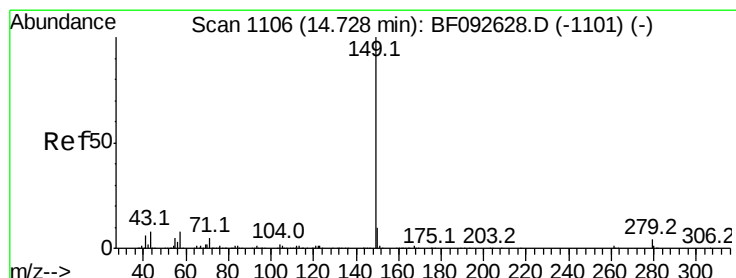
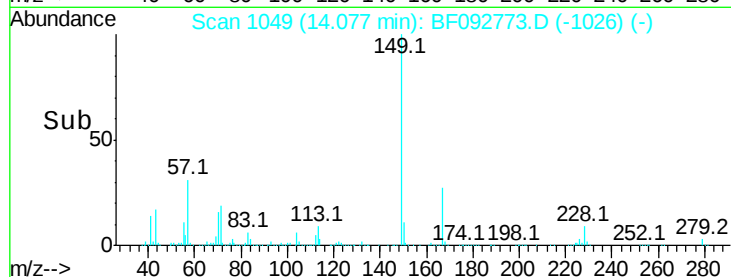
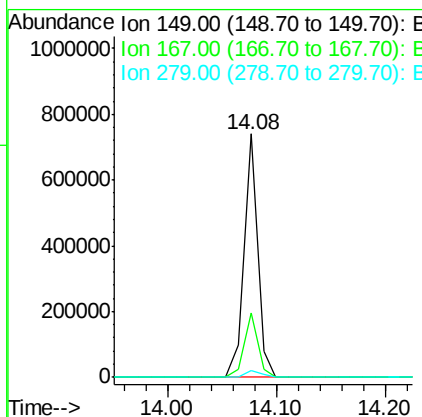
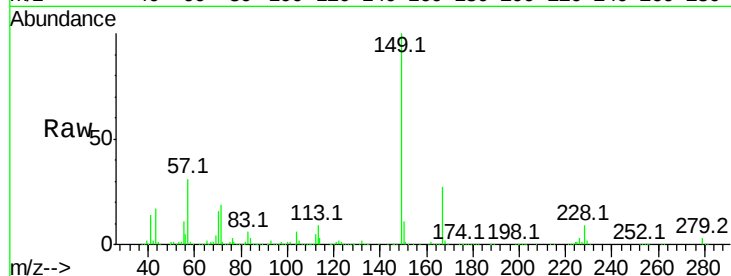
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.34 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.03 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.2	30.4
279	2.8	1.8	2.8#

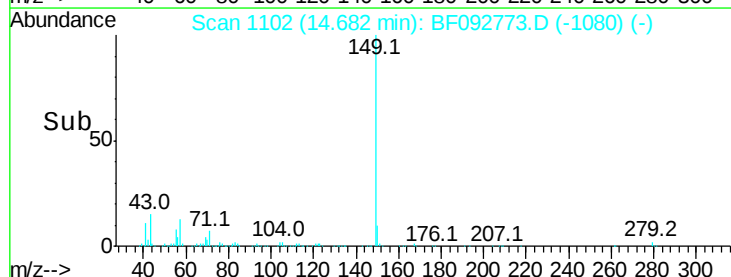
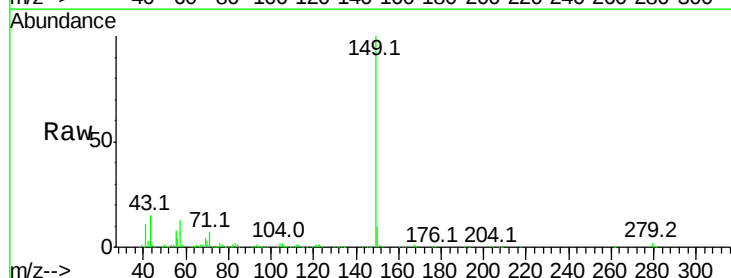
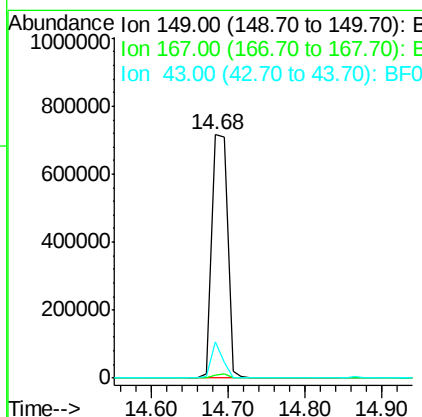
Manual Integrations
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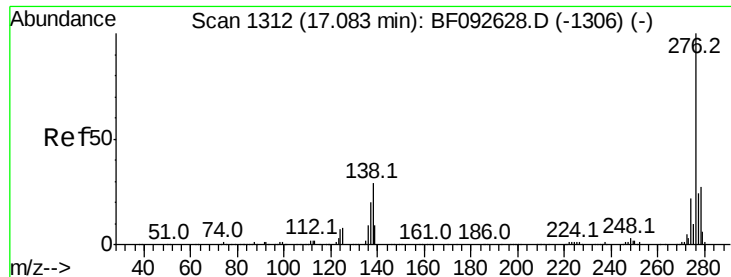
mohammad
 2/3/2017 1:23:13 PM



#84
 Di-n-octyl phthalate
 Concen: 50.08 ng
 RT: 14.68 min Scan# 1102
 Delta R.T. -0.05 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.9	8.9	13.3





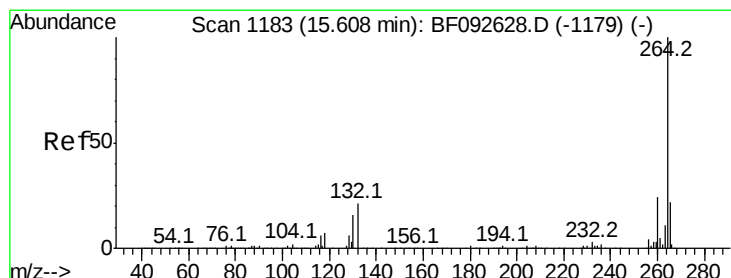
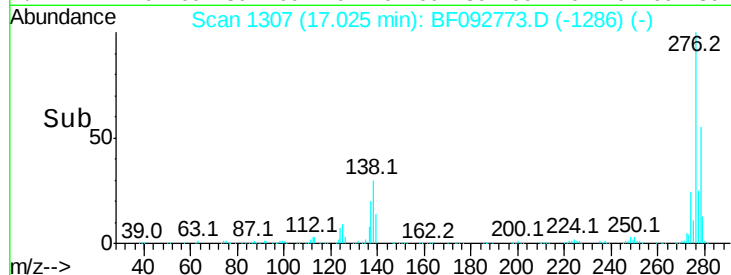
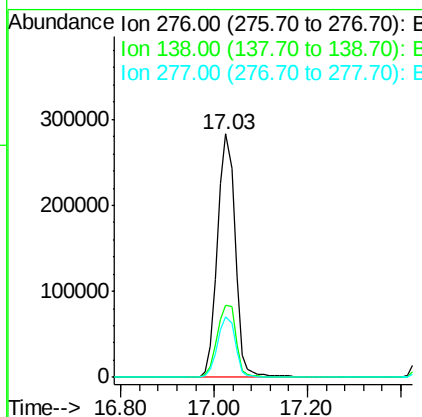
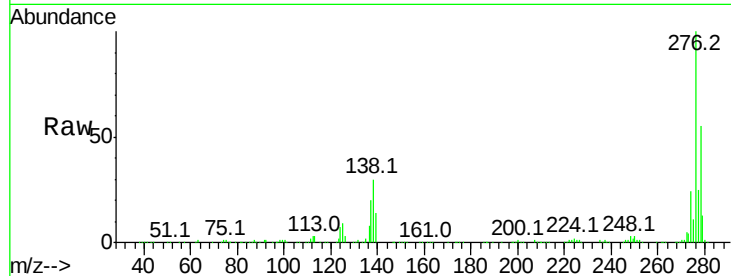
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.63 ng
RT: 17.03 min Scan# 1307
Delta R.T. -0.06 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	31.3	21.8	32.6	
277	25.0	20.2	30.4	

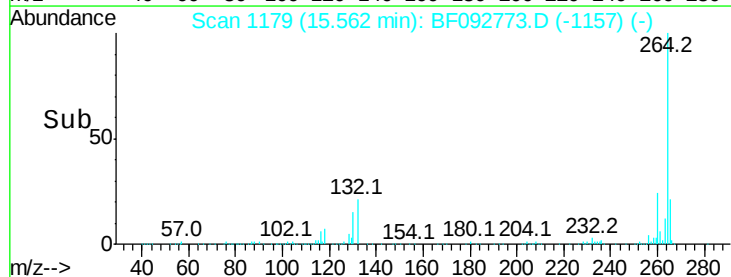
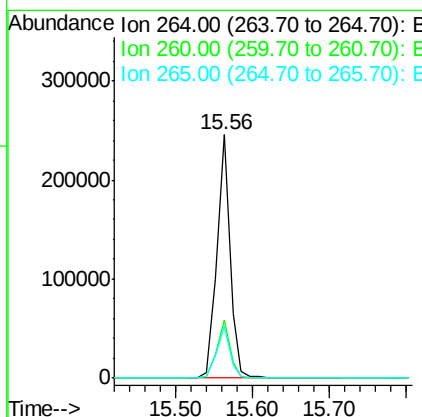
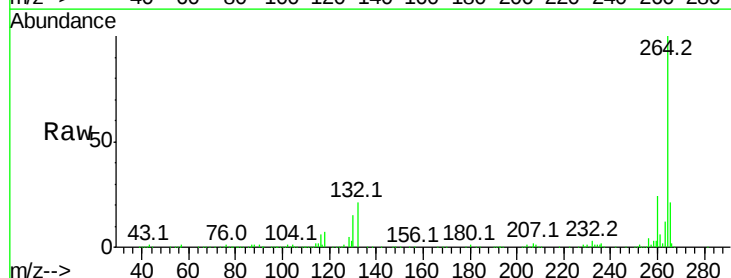
Manual Integrations
APPROVED

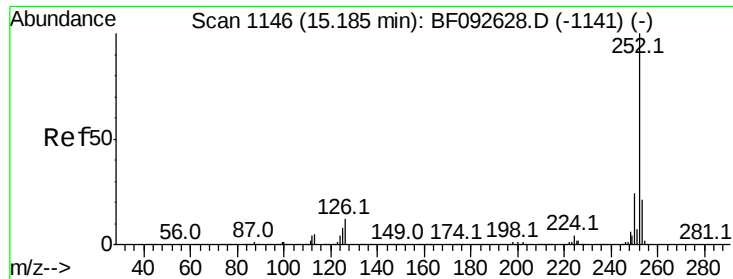
mohammad
2/3/2017 1:23:13 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	19.2	28.8	
265	21.2	17.4	26.0	





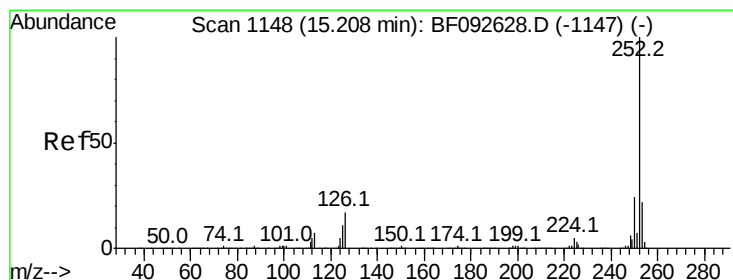
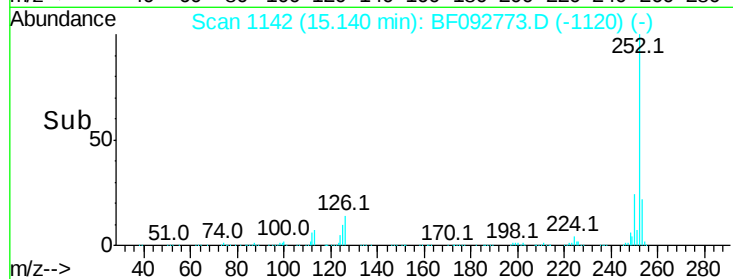
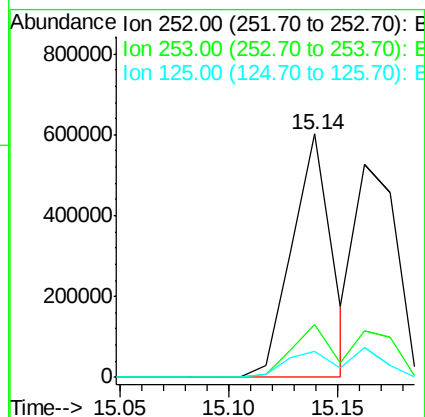
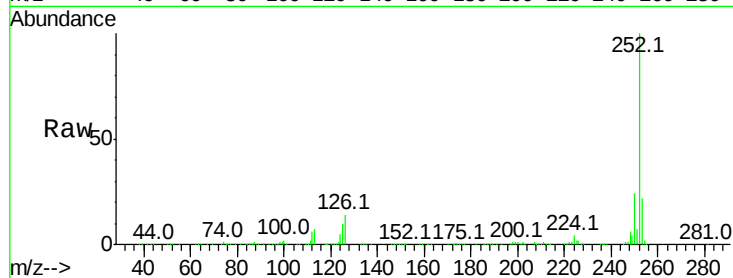
#87
Benzo(b)fluoranthene
Concen: 39.43 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	765511		
253	21.9	18.2	27.4	
125	10.5	9.8	14.6	

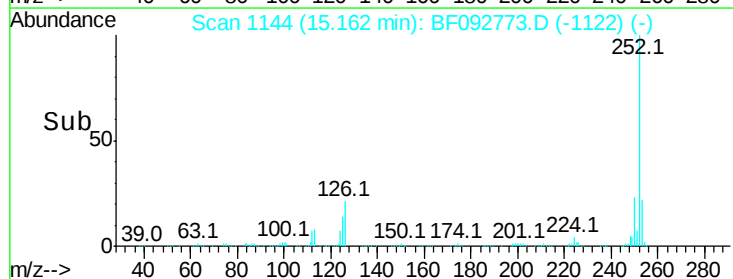
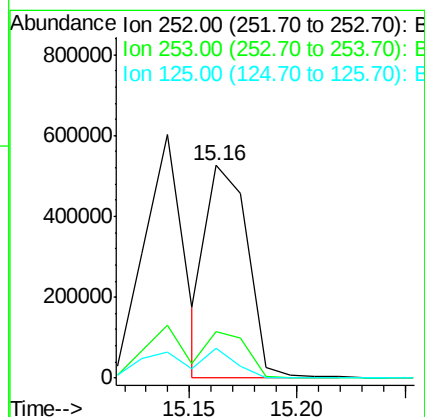
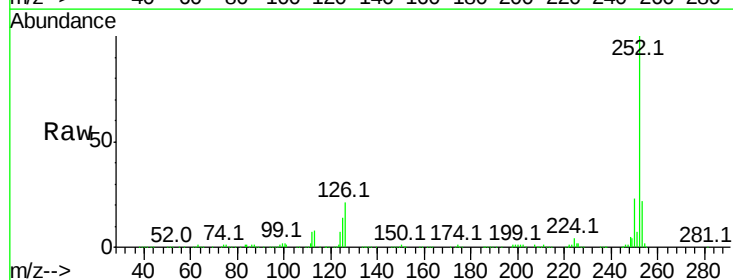
Manual Integrations
APPROVED

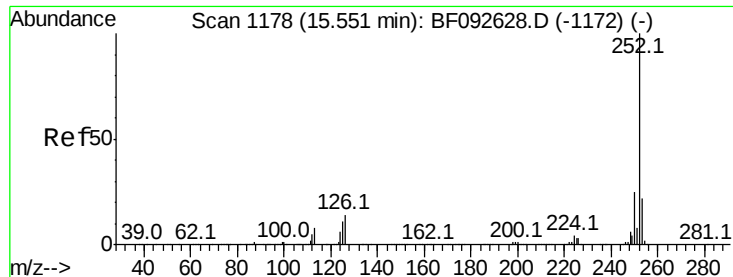
mohammad
2/3/2017 1:23:13 PM



#88
Benzo(k)fluoranthene
Concen: 41.91 ng m
RT: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	702551		
253	22.2	18.5	27.7	
125	14.1	8.9	13.3#	





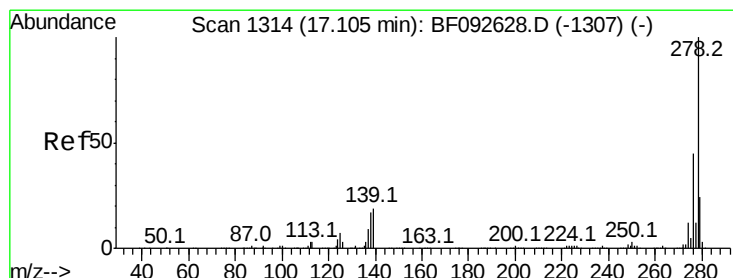
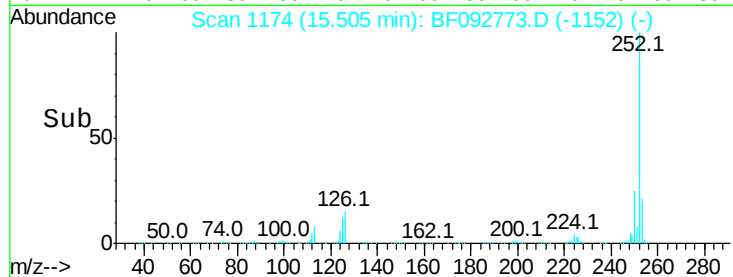
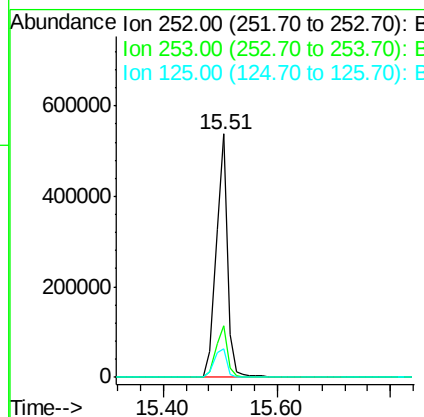
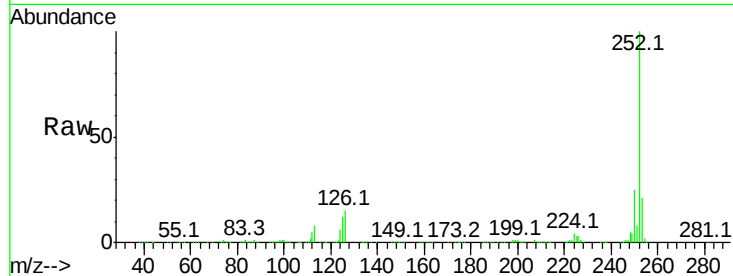
#89
Benzo(a)pyrene
Concen: 43.16 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	11.6	10.0	15.0

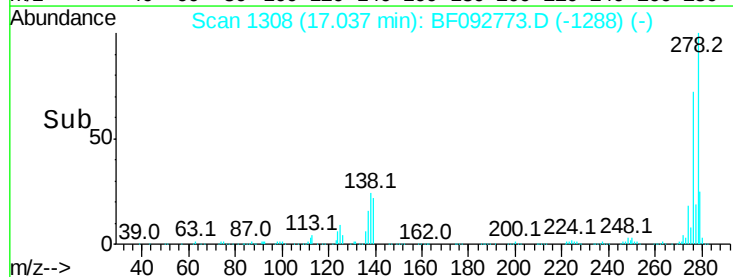
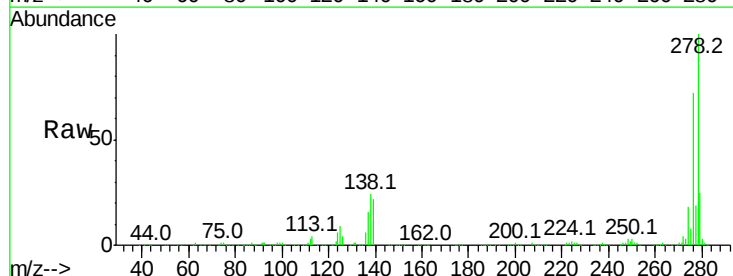
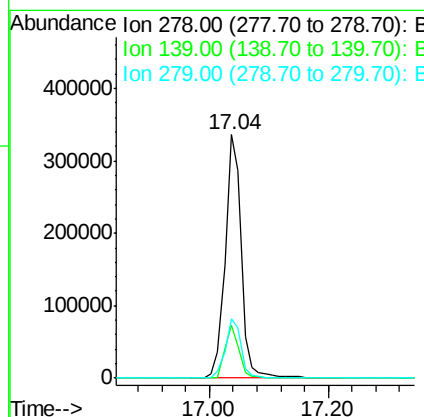
Manual Integrations
APPROVED

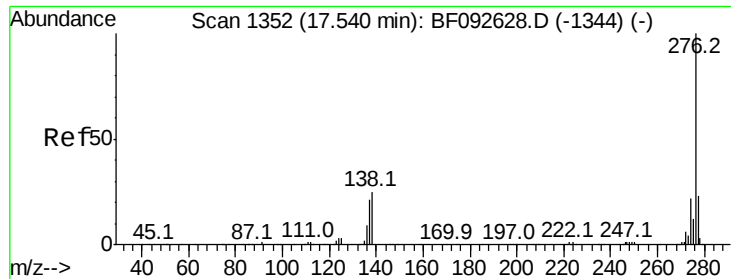
mohammad
2/3/2017 1:23:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.95 ng
RT: 17.04 min Scan# 1308
Delta R.T. -0.07 min
Lab File: BF092773.D
Acq: 3 Feb 2017 12:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	24.5	19.8	29.6





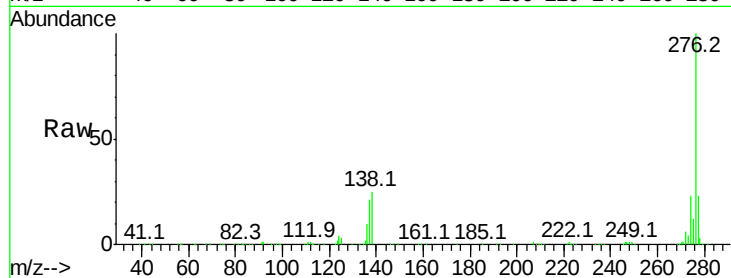
#91
 Benzo(a,h,i)perylene
 Concen: 45.05 ng
 RT: 17.47 min Scan# 1346
 Delta R.T. -0.07 min
 Lab File: BF092773.D
 Acq: 3 Feb 2017 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB96683BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.8	19.2	28.8
138	25.5	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/3/2017 1:23:13 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

