

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092872.D
 Acq On : 8 Feb 2017 23:58
 Operator : SJ/MA
 Sample : I1751-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:31:31 PM

Quant Time: Feb 09 00:45:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	151514	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	584360	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	337387	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	562758	20.00	ng	0.00
75) Chrysene-d12	14.07	240	495391	20.00	ng	0.00
86) Perylene-d12	15.51	264	366215	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1112770	126.00	ng	0.02
7) Phenol-d6	6.54	99	1374252	120.94	ng	0.01
23) Nitrobenzene-d5	7.47	82	1035801	98.71	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	378344	155.05	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1909171	102.52	ng	0.00
78) Terphenyl-d14	13.01	244	1826004	86.61	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	175428	36.76	ng	# 73
3) Pyridine	3.38	79	385873m	31.80	ng	
4) n-Nitrosodimethylamine	3.31	42	254936	44.74	ng	91
6) Aniline	6.57	93	126810	8.18	ng	# 81
8) 2-Chlorophenol	6.69	128	453725	46.57	ng	89
9) Benzaldehyde	6.44	77	113324	13.92	ng	89
10) Phenol	6.56	94	470668	35.40	ng	79
11) bis(2-Chloroethyl)ether	6.64	93	463041	43.64	ng	92
12) 1,3-Dichlorobenzene	6.84	146	518991	45.48	ng	98
13) 1,4-Dichlorobenzene	6.92	146	504258m	43.66	ng	
14) 1,2-Dichlorobenzene	7.07	146	495301	44.85	ng	97
15) Benzyl Alcohol	7.05	79	400338	47.59	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	844989	45.83	ng	96
17) 2-Methylphenol	7.16	107	395849	47.36	ng	96
18) Hexachloroethane	7.41	117	169278	42.93	ng	90
19) n-Nitroso-di-n-propylamine	7.32	70	348918	48.24	ng	# 94
20) 3+4-Methylphenols	7.32	107	478620	47.89	ng	# 86
22) Acetophenone	7.31	105	610629	45.77	ng	# 95
24) Nitrobenzene	7.48	77	469004	43.53	ng	99
25) Isophorone	7.72	82	934577	47.79	ng	96
26) 2-Nitrophenol	7.80	139	274631	53.62	ng	92
27) 2,4-Dimethylphenol	7.85	122	473501	52.64	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	634685	49.01	ng	99
29) 2,4-Dichlorophenol	8.04	162	417557	49.77	ng	88
30) 1,2,4-Trichlorobenzene	8.12	180	416976	46.12	ng	95
31) Naphthalene	8.20	128	1293453	43.66	ng	99
32) Benzoic acid	7.98	122	244022	47.90	ng	86
33) 4-Chloroaniline	8.26	127	58884	5.07	ng	96
34) Hexachlorobutadiene	8.32	225	220320	44.29	ng	100
35) Caprolactam	8.64	113	118920m	45.06	ng	
36) 4-Chloro-3-methylphenol	8.75	107	458084	52.37	ng	97
37) 2-Methylnaphthalene	8.90	142	977035	51.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	396279	41.84	ng	99
40) Hexachlorocyclopentadiene	9.05	237	326758	76.47	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	302488	48.61	nq	90
43) 2,4,5-Trichlorophenol	9.22	196	323220	47.40	nq	95
45) 1,1'-Biphenyl	9.36	154	1073492	43.94	nq	97
46) 2-Chloronaphthalene	9.39	162	942329	49.31	nq	96
47) 2-Nitroaniline	9.48	65	268669	41.81	nq	98
48) Acenaphthylene	9.80	152	1444218	43.74	nq	99
49) Dimethylphthalate	9.66	163	1086304	47.80	nq	99
50) 2,6-Dinitrotoluene	9.73	165	256998	52.37	nq #	70
51) Acenaphthene	9.97	154	925233	46.87	nq	96
52) 3-Nitroaniline	9.89	138	26092	4.65	nq #	79
53) 2,4-Dinitrophenol	10.01	184	249608	98.80	nq #	78
54) Dibenzofuran	10.14	168	1238478	46.91	nq	97
55) 4-Nitrophenol	10.08	139	391176	96.70	nq	83
56) 2,4-Dinitrotoluene	10.13	165	317708	48.62	nq	96
57) Fluorene	10.49	166	964312	47.48	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	250666	55.11	nq	96
59) Diethylphthalate	10.36	149	1043232	48.71	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	413619	42.39	nq	92
61) 4-Nitroaniline	10.51	138	185379	32.23	nq	93
62) Azobenzene	10.64	77	1114438	50.37	nq	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	195910	56.68	nq	93
65) n-Nitrosodiphenylamine	10.60	169	829524	46.14	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	273527	46.52	nq	96
67) Hexachlorobenzene	11.04	284	285471	49.13	nq	96
68) Atrazine	11.13	200	218942	37.95	nq	97
69) Pentachlorophenol	11.23	266	295450	96.84	nq	97
70) Phenanthrene	11.45	178	1401625	43.47	nq	98
71) Anthracene	11.50	178	1631045	50.38	nq	98
72) Carbazole	11.65	167	1123585	36.30	nq	99
73) Di-n-butylphthalate	11.99	149	1791525	53.52	nq #	97
74) Fluoranthene	12.64	202	1511344	45.44	nq	97
77) Pyrene	12.87	202	1528363	41.23	nq	99
79) Butylbenzylphthalate	13.48	149	785972	52.21	nq	87
80) Benzo(a)anthracene	14.05	228	1355099	44.72	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	58481	5.41	nq	96
82) Chrysene	14.09	228	1073853	37.85	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	1048847	50.94	nq #	95
84) Di-n-octyl phthalate	14.65	149	1737422	51.82	nq	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	1150010	52.34	nq	95
87) Benzo(b)fluoranthene	15.09	252	1262337	52.37	nq	99
88) Benzo(k)fluoranthene	15.13	252	1182389m	56.81	nq	
89) Benzo(a)pyrene	15.45	252	1143689	54.85	nq	97
90) Dibenzo(a,h)anthracene	16.97	278	962030	57.09	nq	98
91) Benzo(g,h,i)perylene	17.38	276	974060	57.22	nq #	91

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

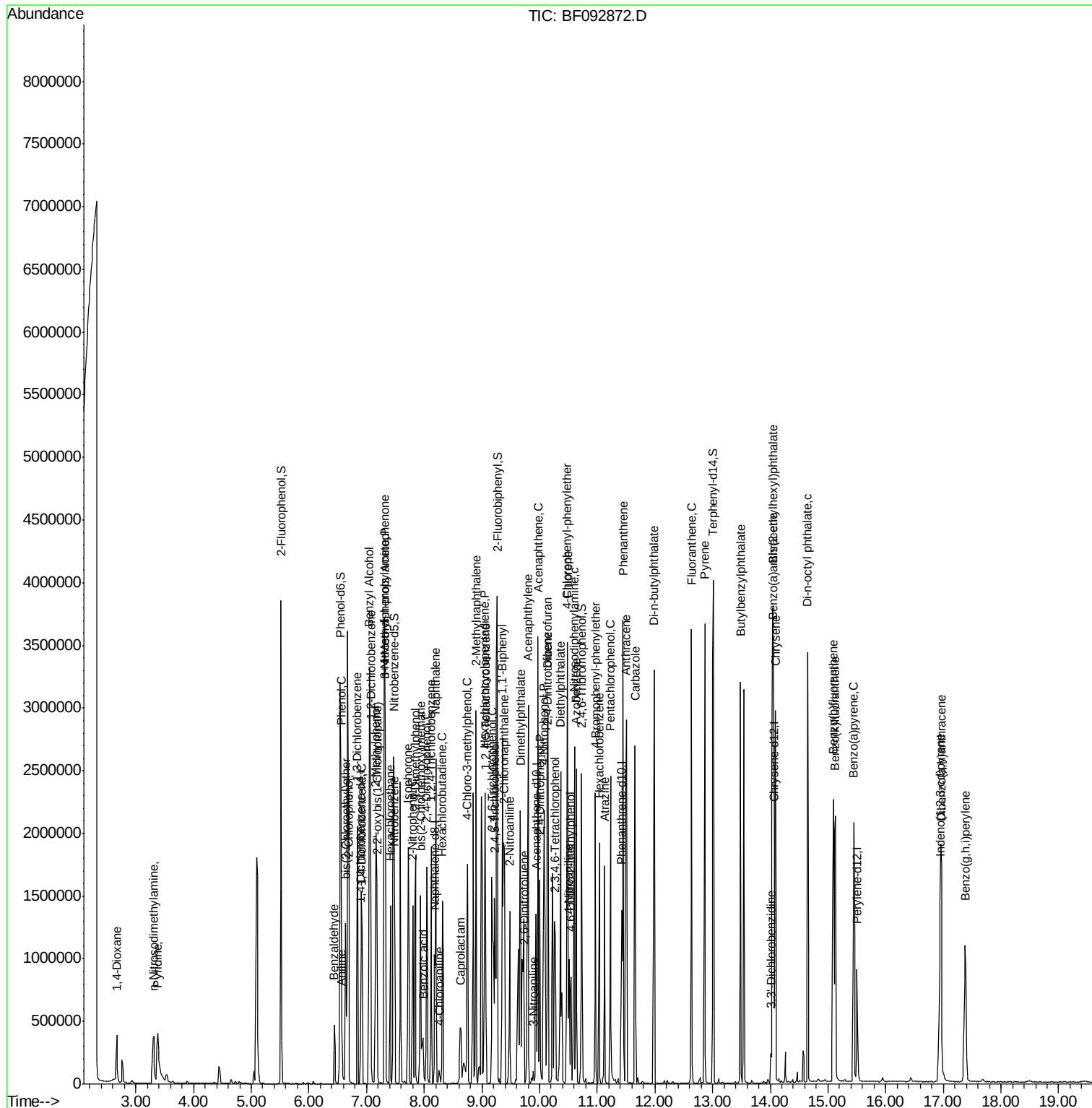
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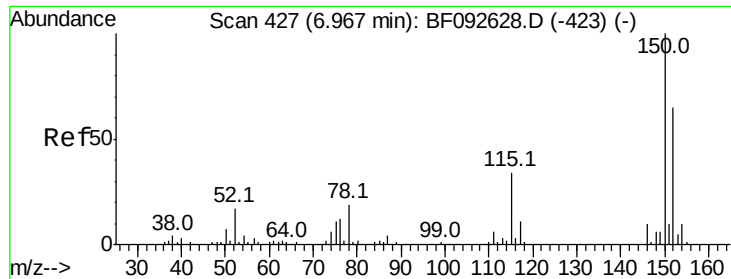
Instrument :
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#1

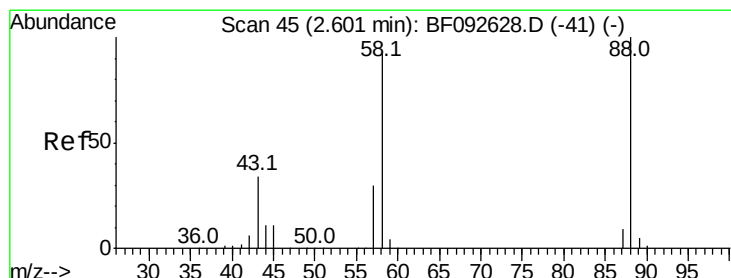
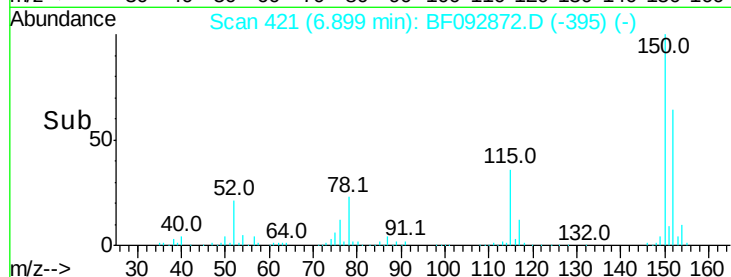
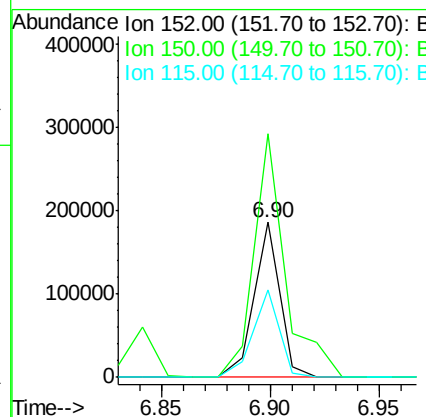
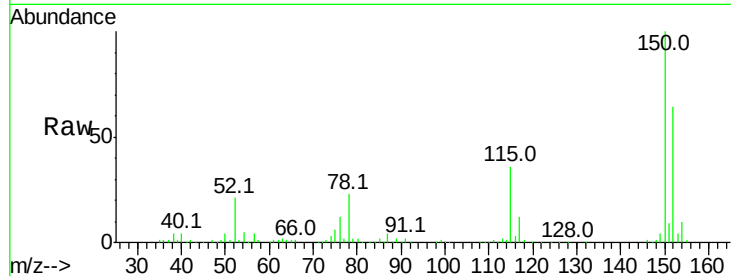
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	56.7	46.0	69.0

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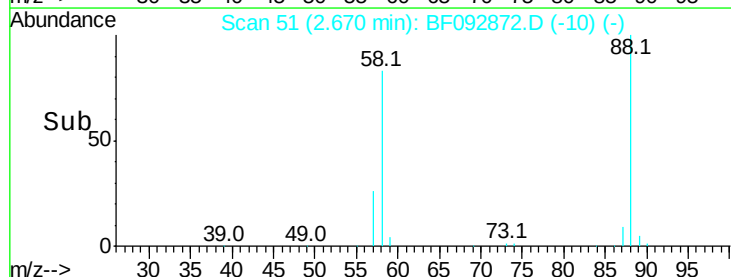
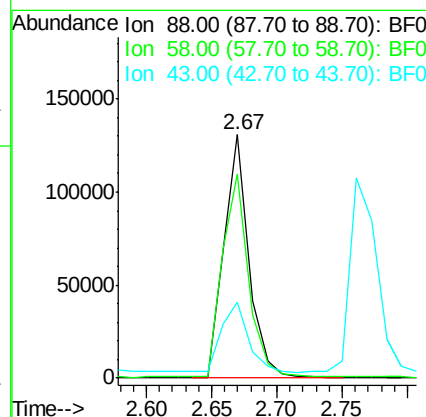
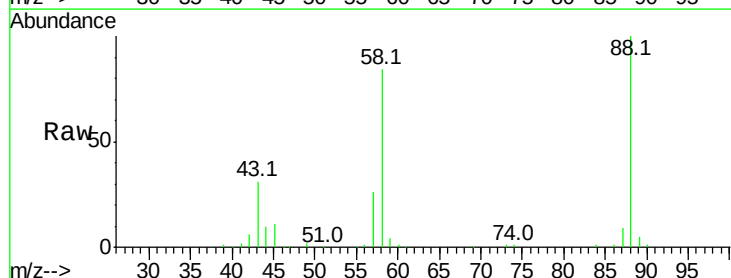
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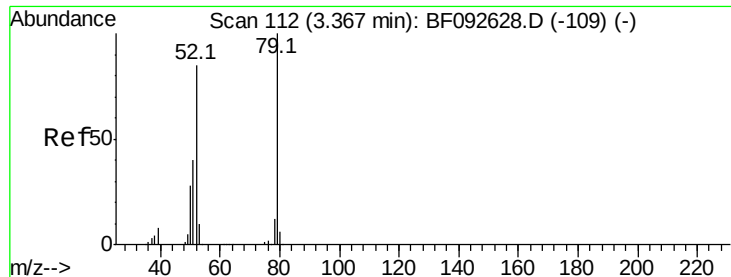


#2

1,4-Dioxane
Concen: 36.76 ng
RT: 2.67 min Scan# 51
Delta R.T. 0.17 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	57.8	86.8
43	0.0	22.3	33.5#





#3

Pvridine

Concen: 31.80 ng/ml

RT: 3.38 min Scan# 113

Delta R.T. 0.16 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

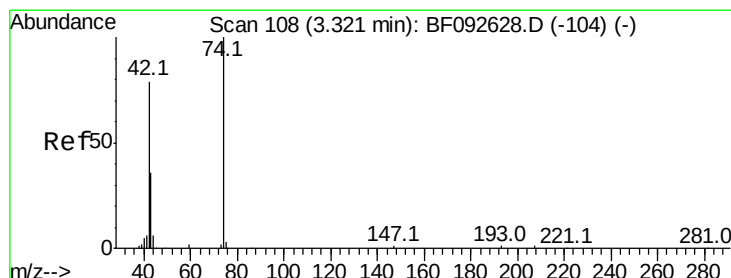
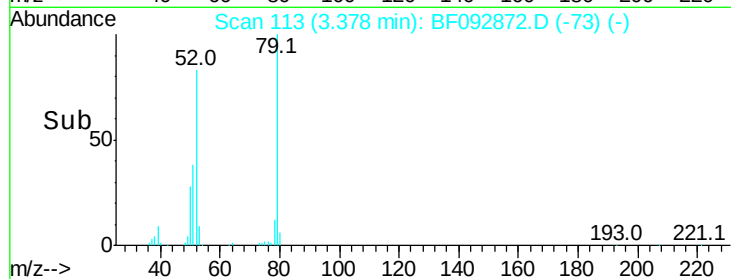
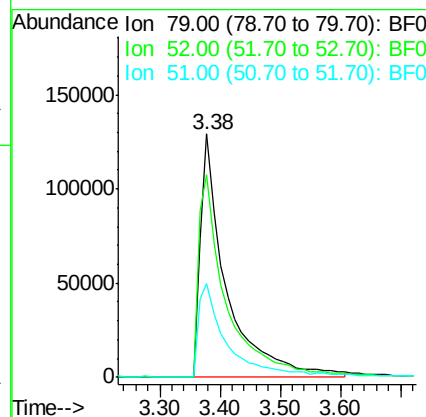
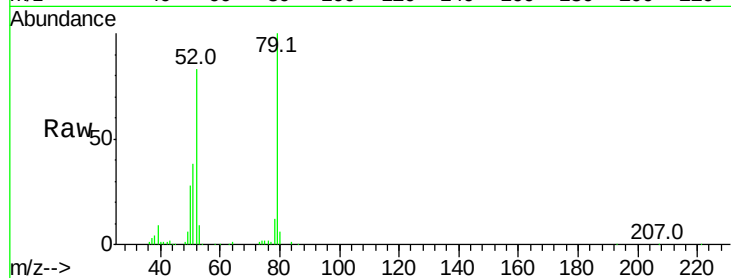
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	79	Resp:	385873
Ion Ratio	Lower	Upper	
79	100		
52	83.2	57.1	85.7
51	38.4	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 44.74 ng/ml

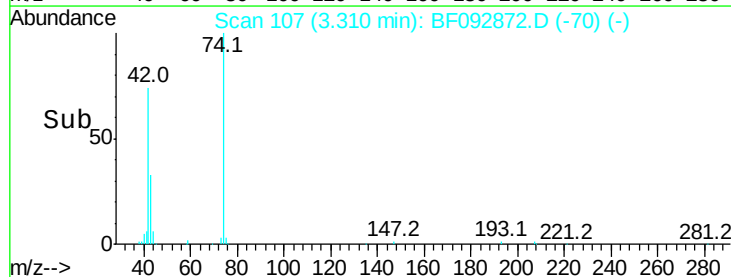
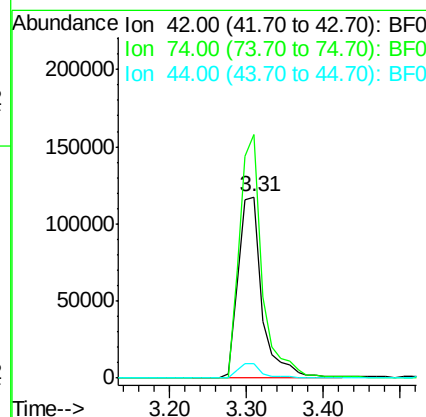
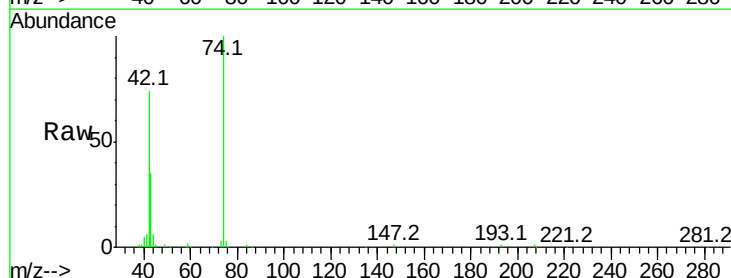
RT: 3.31 min Scan# 107

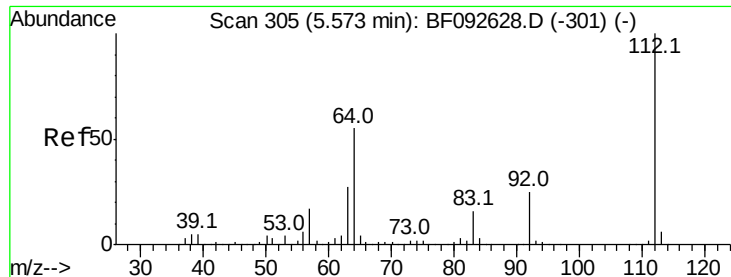
Delta R.T. 0.13 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	42	Resp:	254936
Ion Ratio	Lower	Upper	
42	100		
74	134.3	117.0	175.4
44	8.2	5.5	8.3





#5

2-Fluorophenol

Concen: 126.00 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

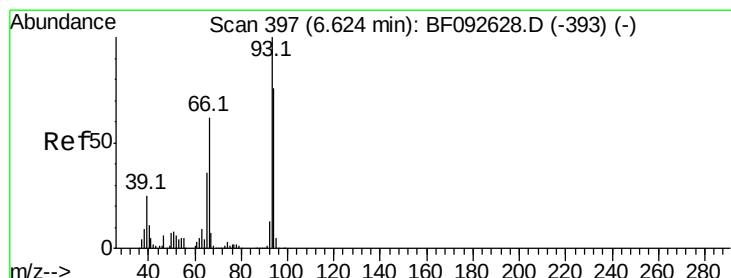
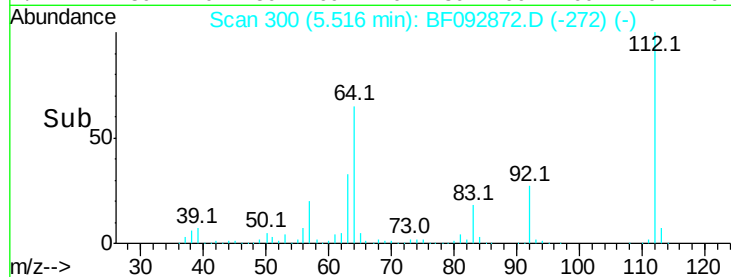
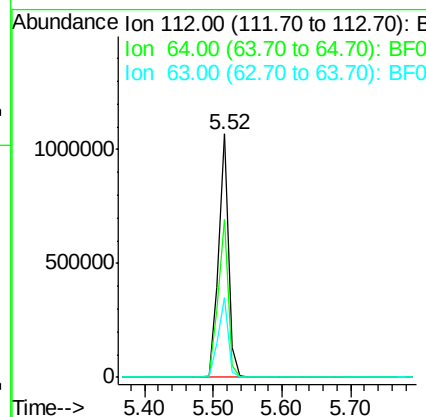
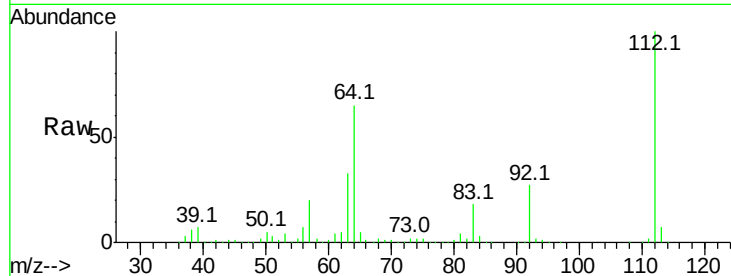
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	112	Resp:	1112770
Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.1	69.1
63	32.7	23.8	35.6

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#6

Aniline

Concen: 8.18 ng

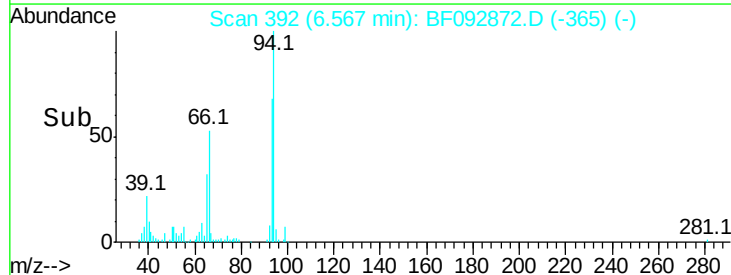
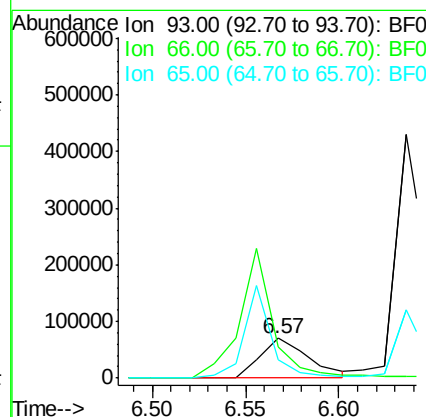
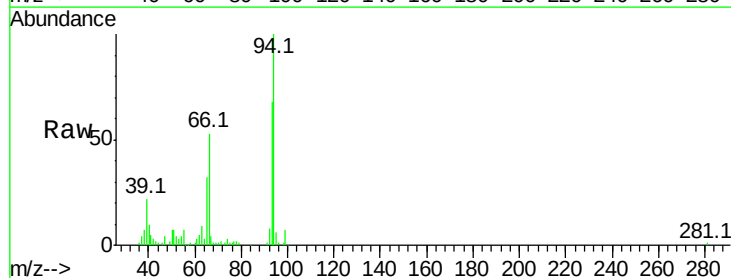
RT: 6.57 min Scan# 392

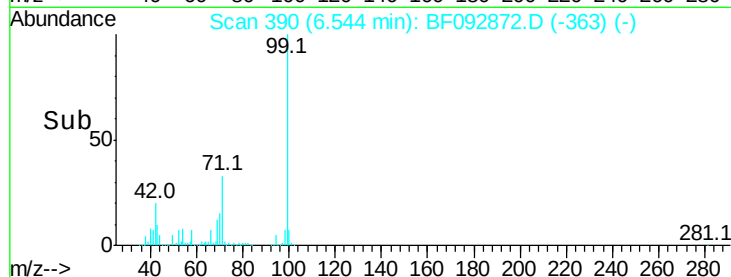
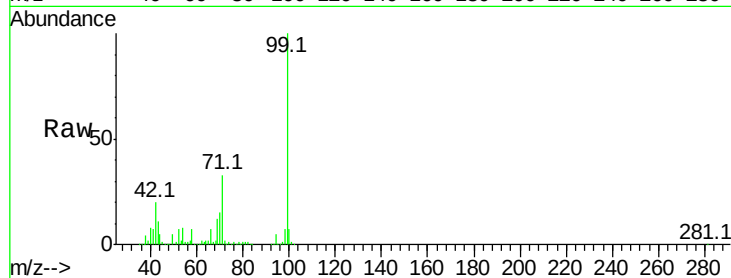
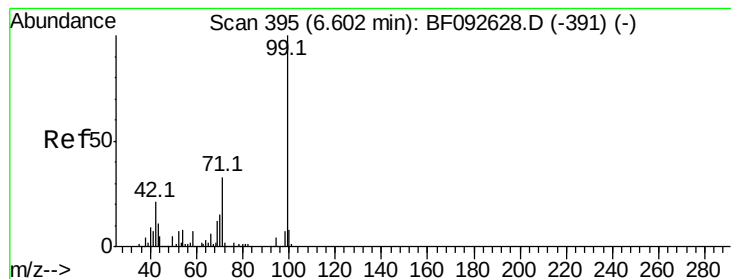
Delta R.T. 0.01 min

Lab File: BF092872.D

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Tgt Ion:	93	Resp:	126810
Ion	Ratio	Lower	Upper
93	100		
66	77.6	76.2	114.2
65	46.4	49.3	73.9#





#7

Phenol-d6

Concen: 120.94 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tot Ion:	99	Resp:	1374252
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	33.1	27.5	41.3

Instrument :

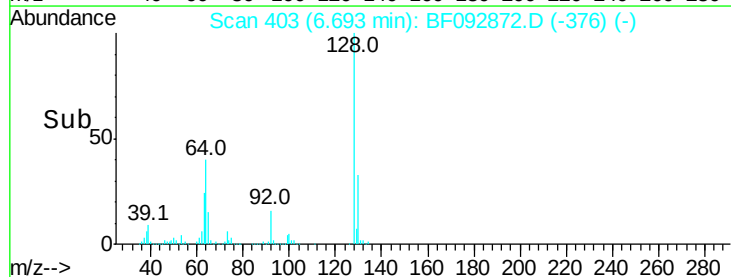
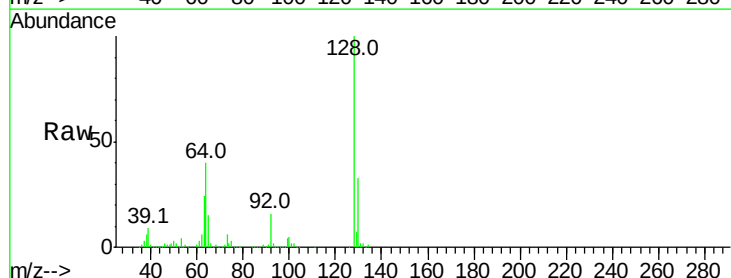
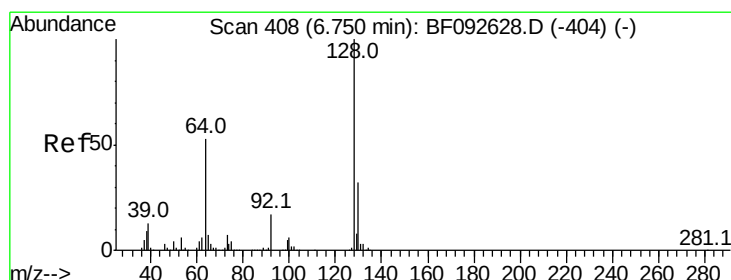
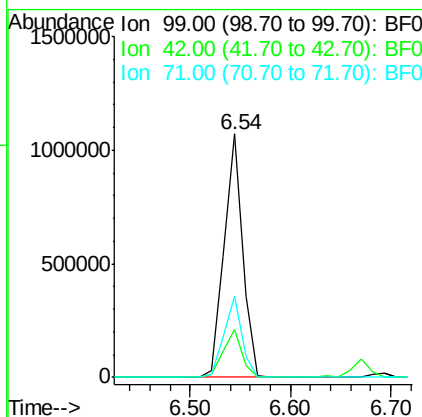
BNA_F

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ROLL-OFF-COMPMS

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#8

2-Chlorophenol

Concen: 46.57 ng

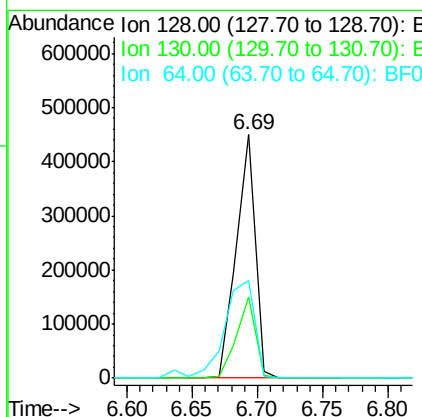
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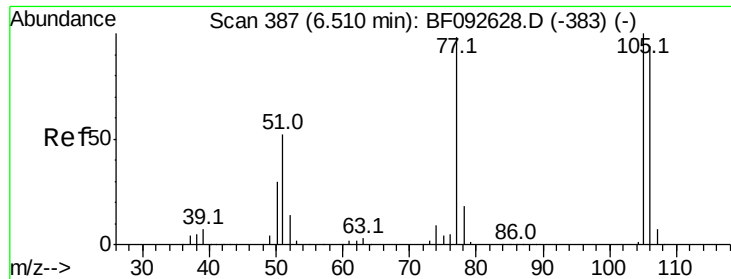
Delta R.T. 0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	128	Resp:	453725
Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	39.9	32.2	72.2





#9

Benzaldehyde

Concen: 13.92 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

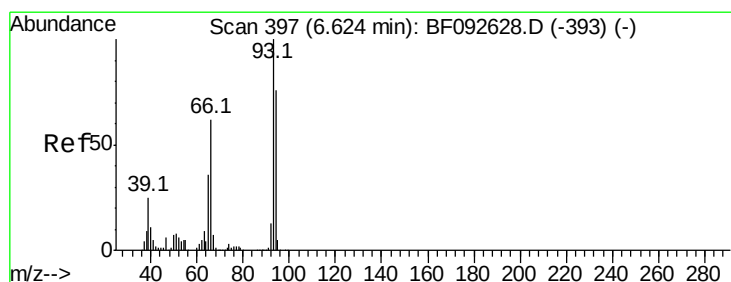
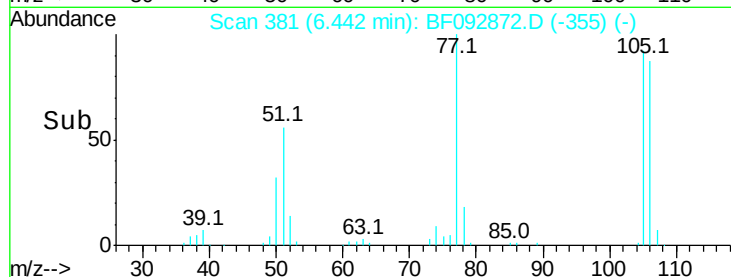
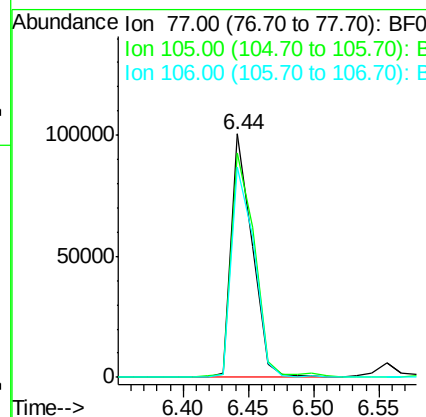
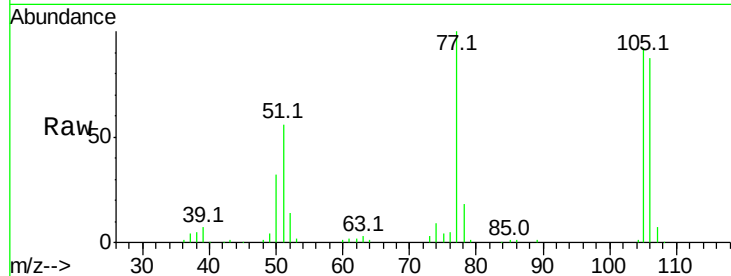
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	77	Resp:	113324
Ion Ratio	Lower	Upper	
77	100		
105	91.9	83.9	123.9
106	86.6	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 35.40 ng

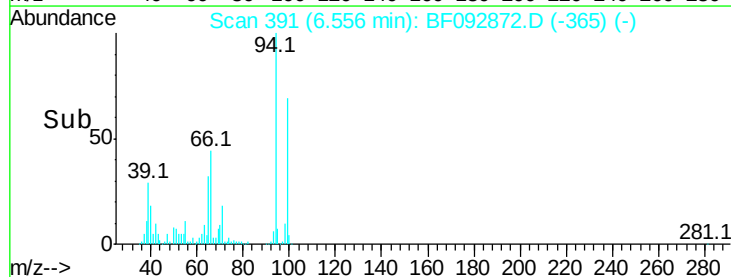
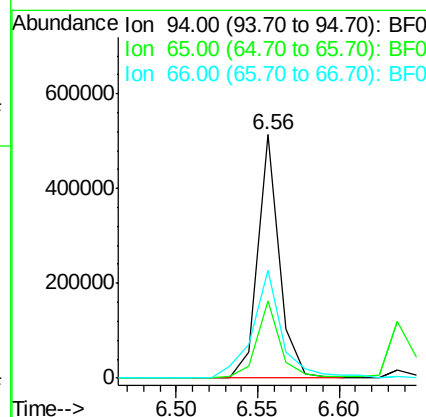
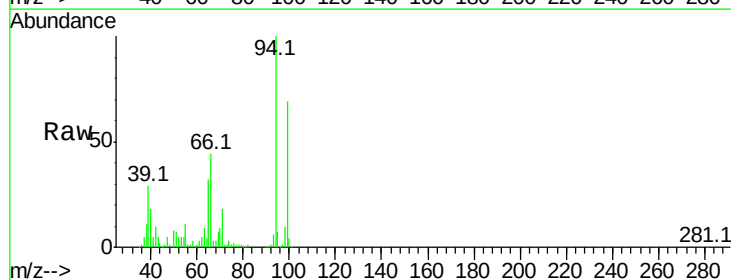
RT: 6.56 min Scan# 391

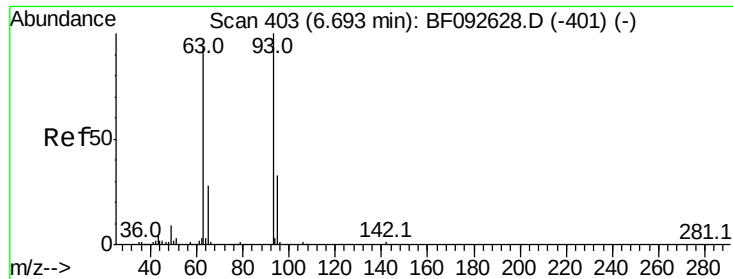
Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	94	Resp:	470668
Ion Ratio	Lower	Upper	
94	100		
65	31.9	21.4	61.4
66	44.5	44.0	84.0





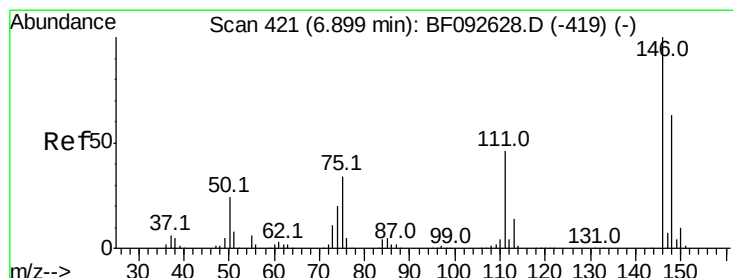
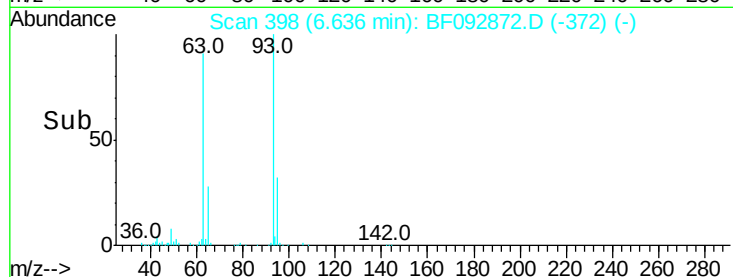
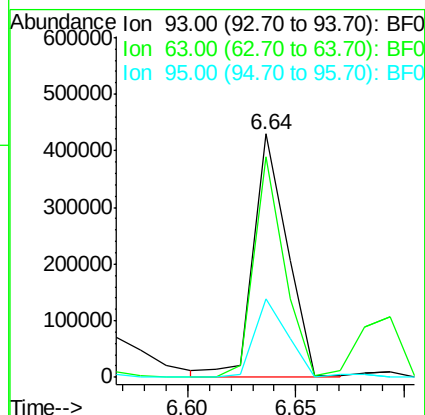
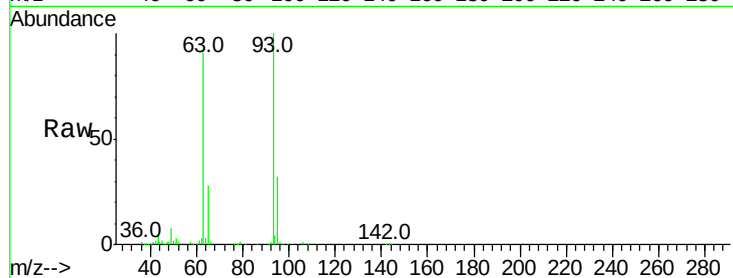
#11
bis(2-Chloroethyl)ether
Concen: 43.64 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.6	60.4	100.4
95	32.5	12.8	52.8

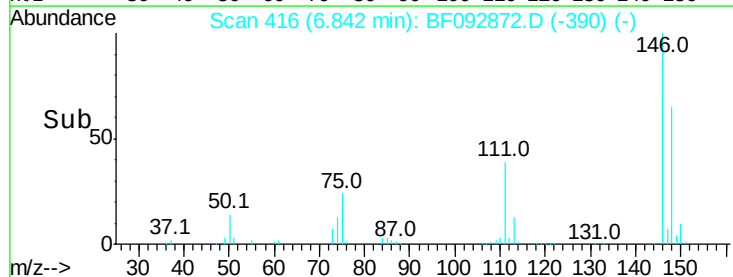
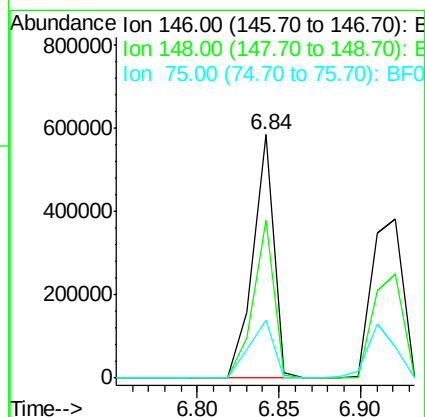
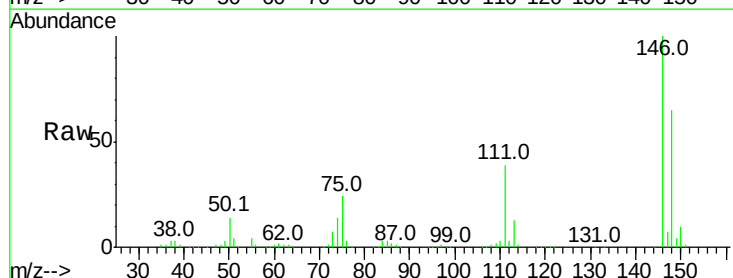
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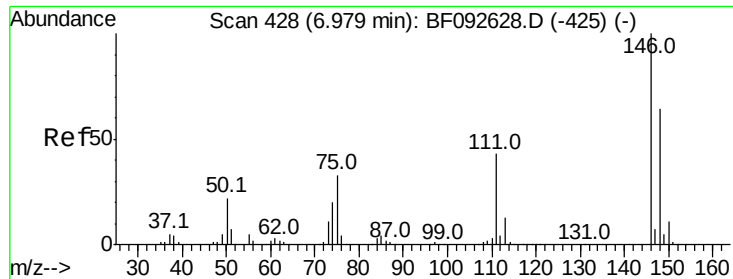
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.48 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.4	80.0
75	24.0	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 43.66 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

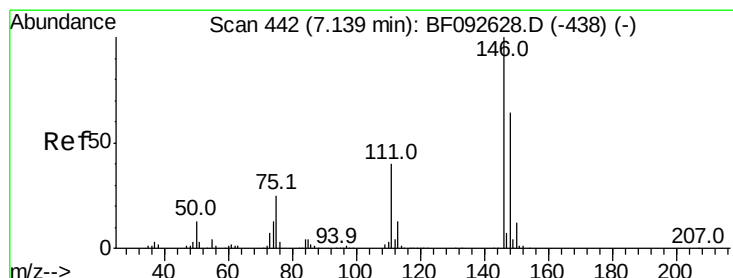
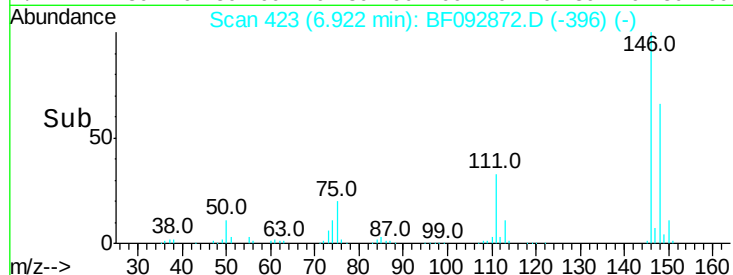
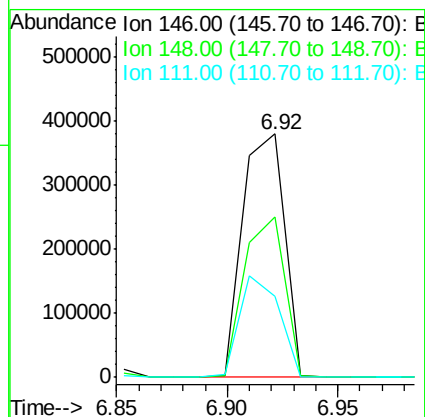
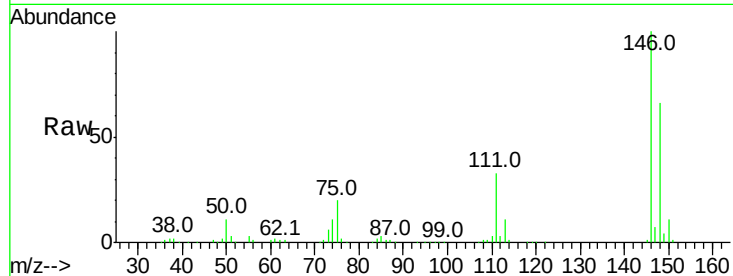
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	146	Resp:	504258
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.6	76.0
111	33.3	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 44.85 ng

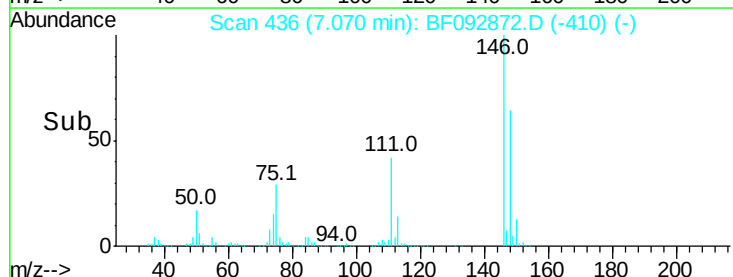
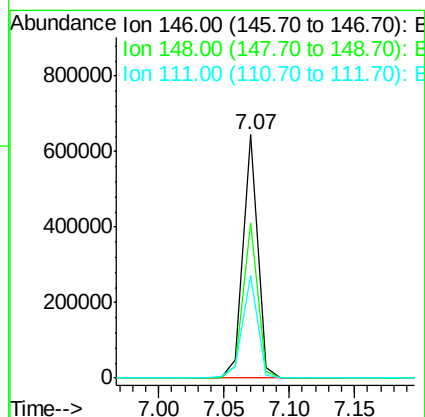
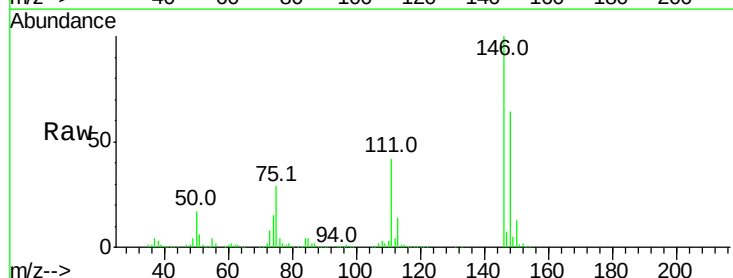
RT: 7.07 min Scan# 436

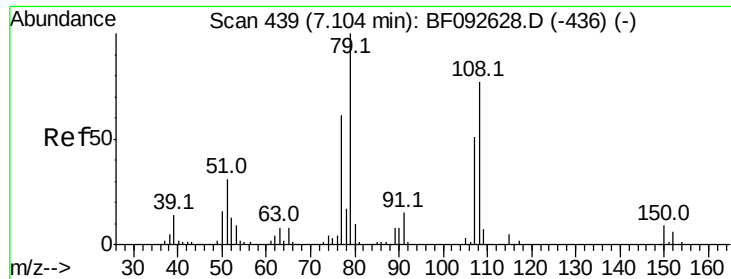
Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	146	Resp:	495301
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.2	78.2
111	42.5	36.2	54.2





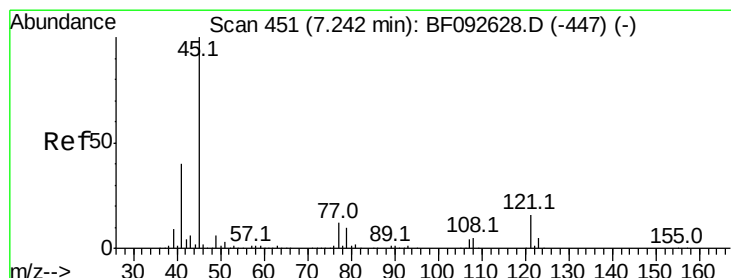
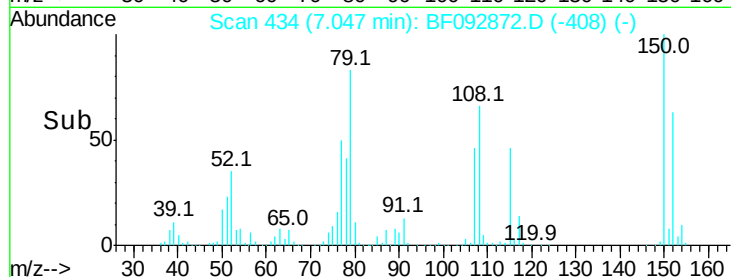
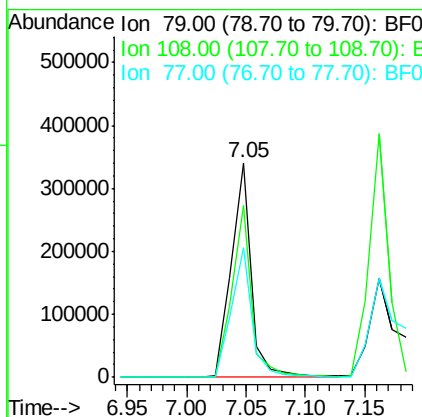
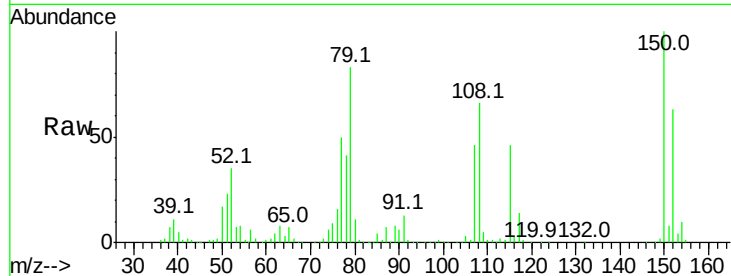
#15
Benzyl Alcohol
Concen: 47.59 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	61.4	92.0
77	60.6	50.9	76.3

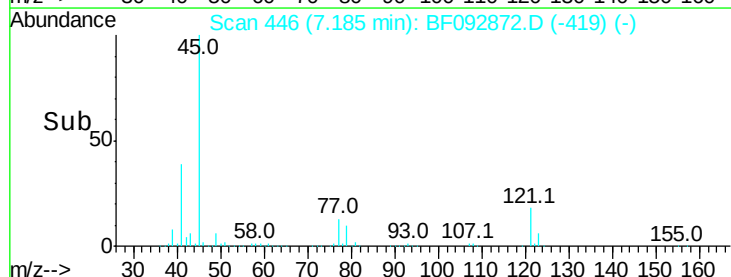
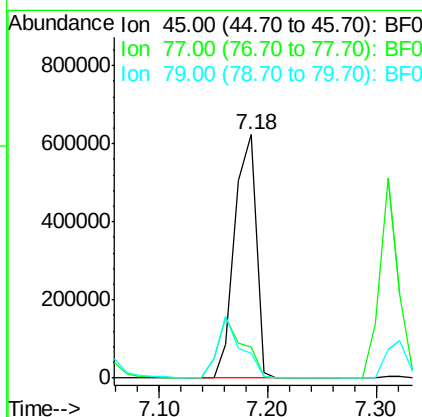
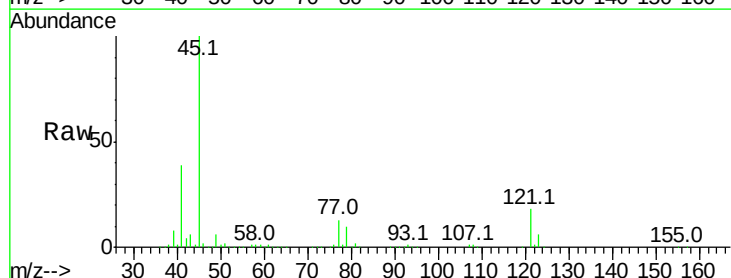
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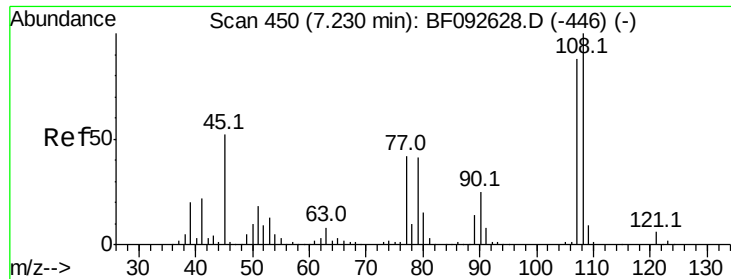
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.83 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.01 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	34.6
79	10.2	0.0	31.2





#17

2-Methylphenol

Concen: 47.36 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

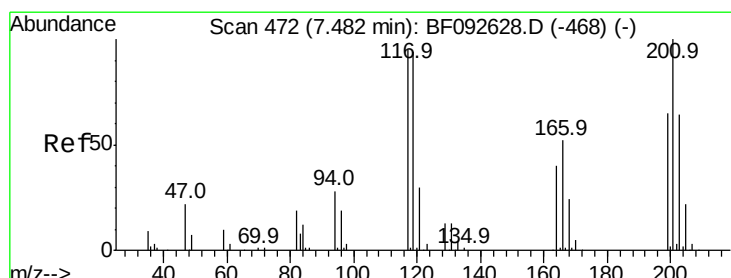
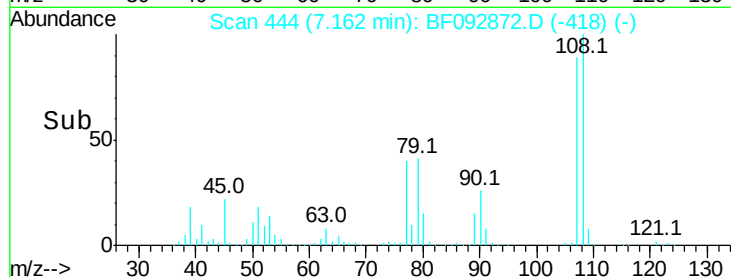
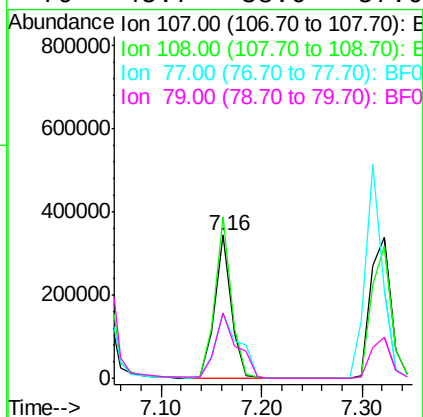
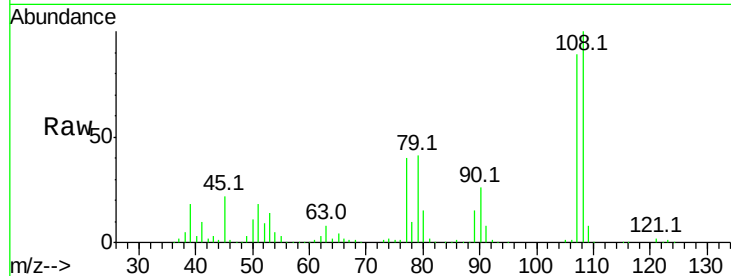
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	107	Resp:	395849
Ion Ratio	Lower	Upper	
107	100		
108	112.4	93.0	139.6
77	45.5	39.8	59.8
79	45.7	38.0	57.0

Manual Integrations
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#18

Hexachloroethane

Concen: 42.93 ng

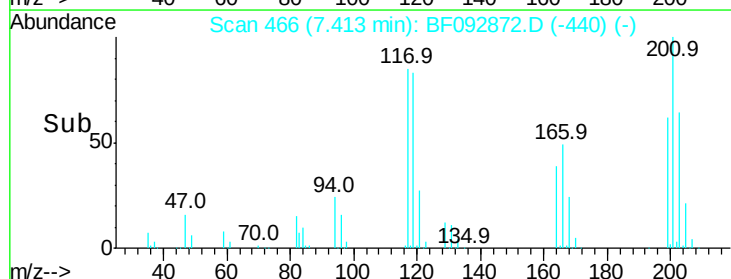
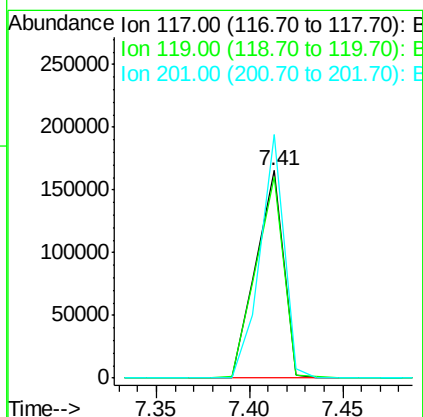
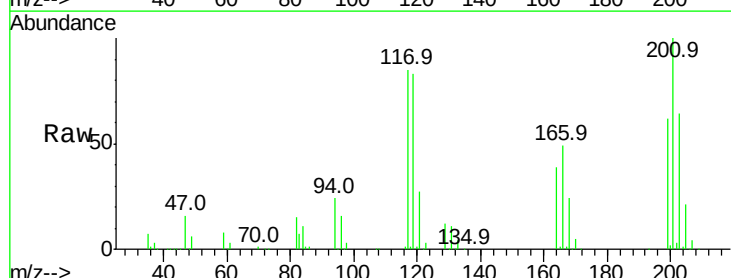
RT: 7.41 min Scan# 466

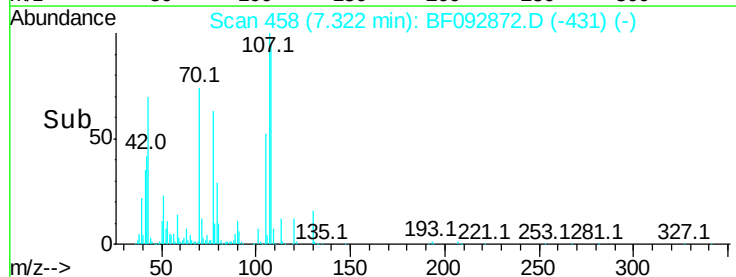
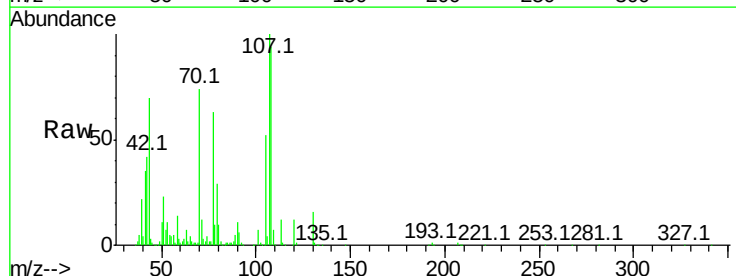
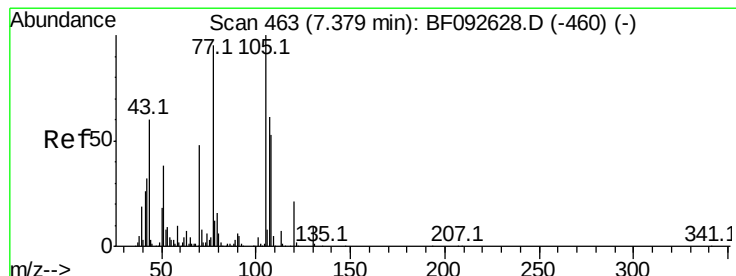
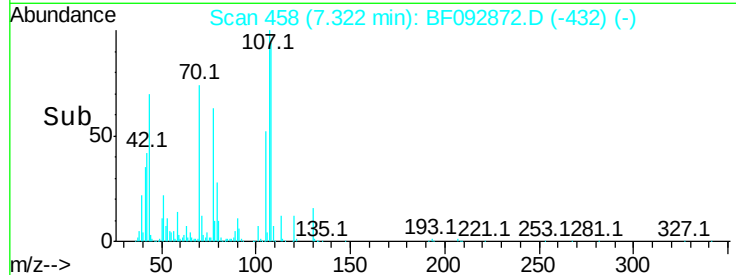
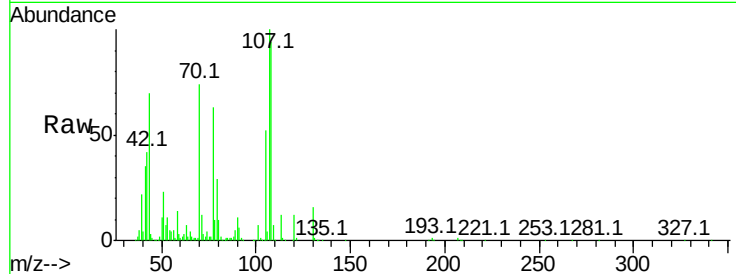
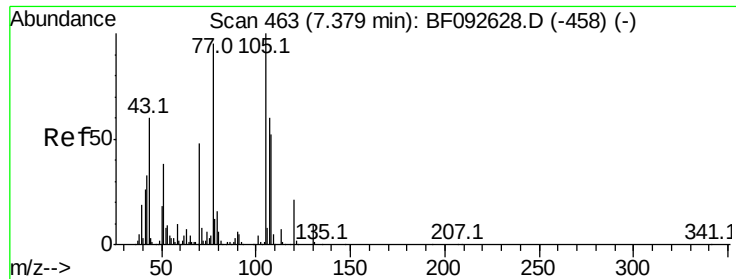
Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	117	Resp:	169278
Ion Ratio	Lower	Upper	
117	100		
119	97.0	78.1	117.1
201	117.4	78.6	117.8





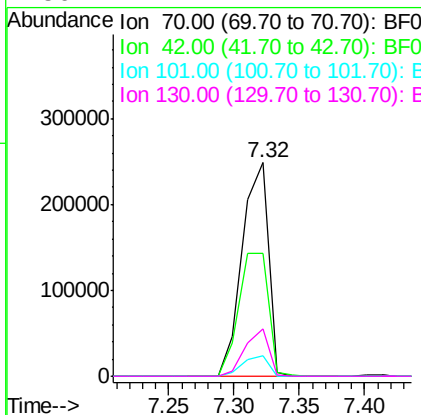
#19
n-Nitroso-di-n-propylamine
Concen: 48.24 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.5	49.4	74.0
101	9.8	7.4	11.2
130	22.2	14.2	21.4

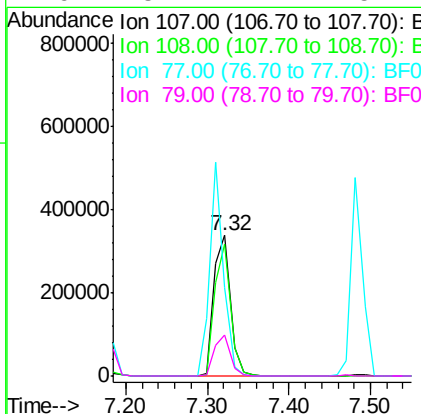
Manual Integrations
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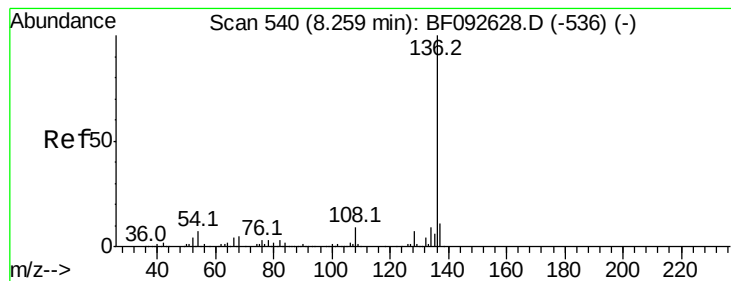
mohammad
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#20
3+4-Methylphenols
Concen: 47.89 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	73.0	113.0
77	63.2	71.3	111.3
79	28.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

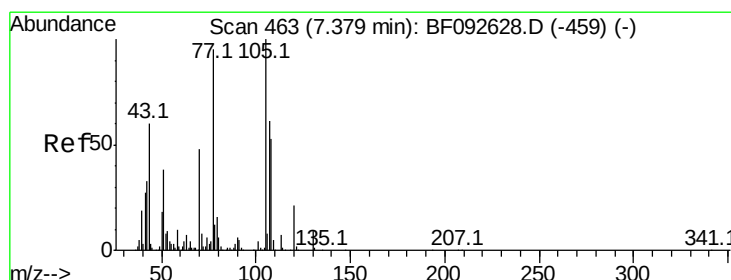
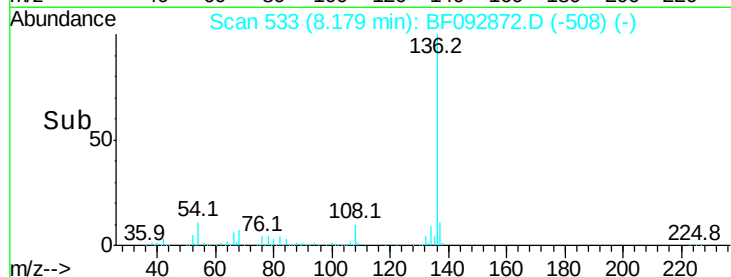
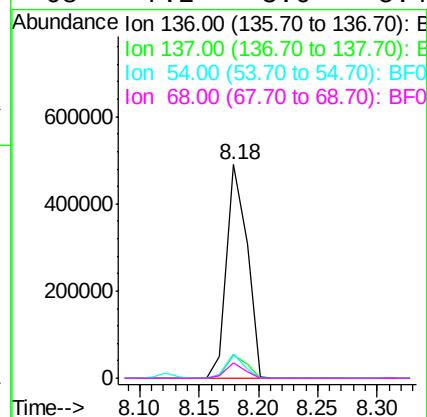
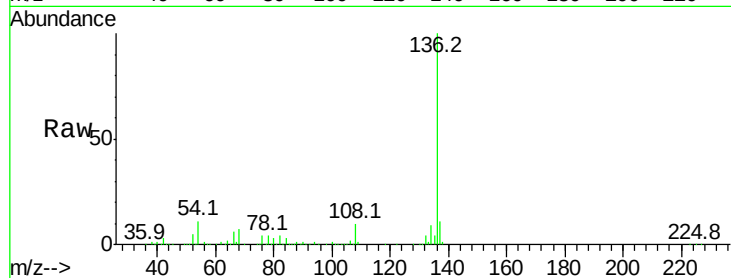
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.4	12.6	
54	11.2	4.5	6.7#	
68	7.2	3.6	5.4#	

Manual Integrations
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#22

Acetophenone

Concen: 45.77 ng

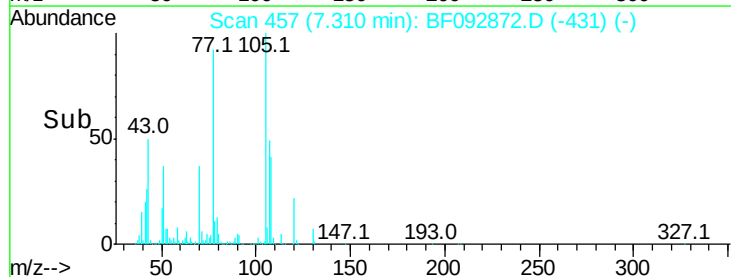
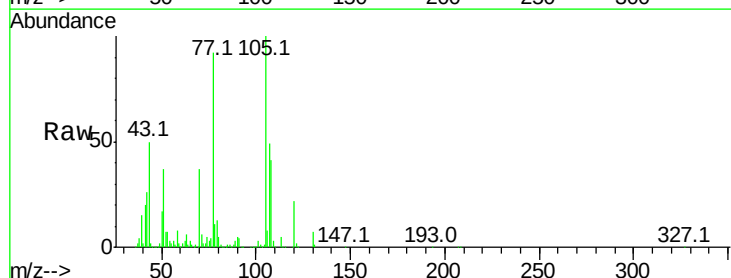
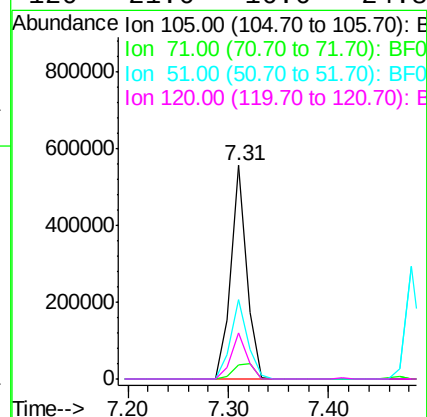
RT: 7.31 min Scan# 457

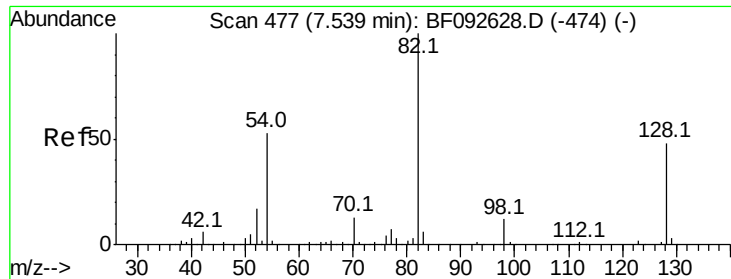
Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.4	3.2	4.8#	
51	36.9	26.2	39.4	
120	21.6	16.6	24.8	





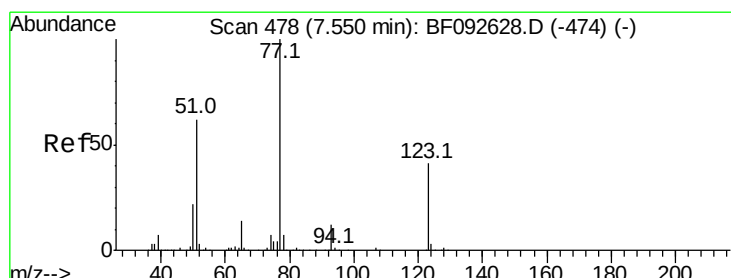
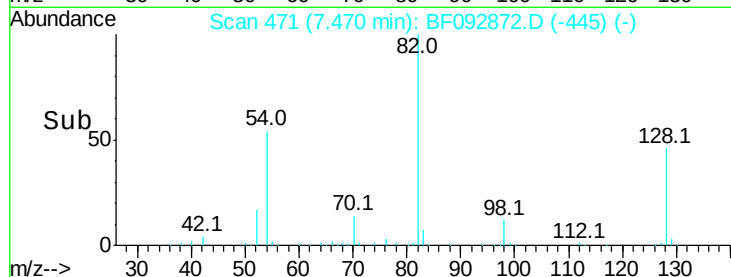
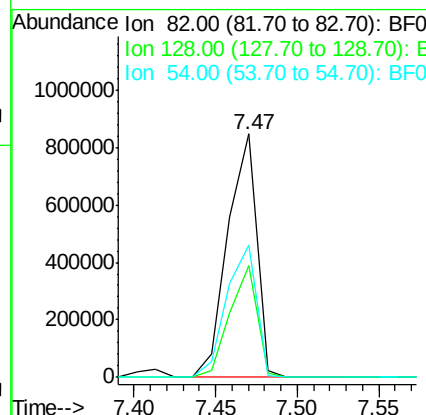
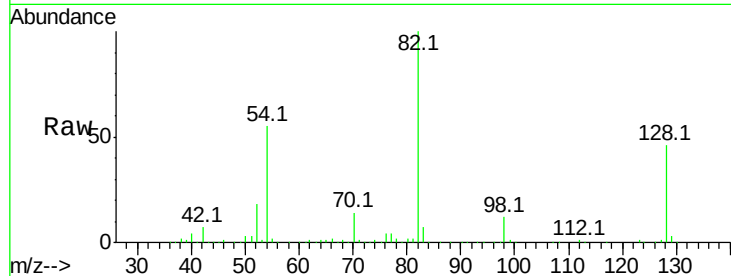
#23
 Nitrobenzene-d5
 Concen: 98.71 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion: 82 Resp: 1035801
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.6 52.0
 54 54.5 39.5 59.3

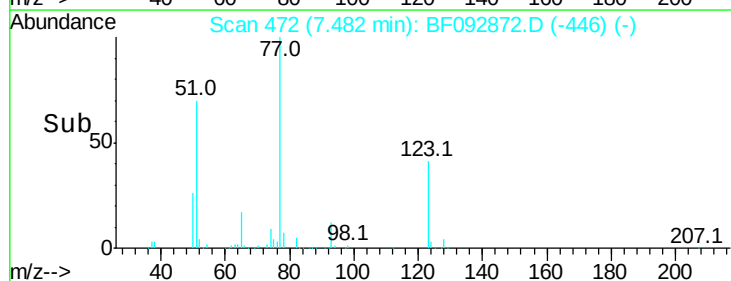
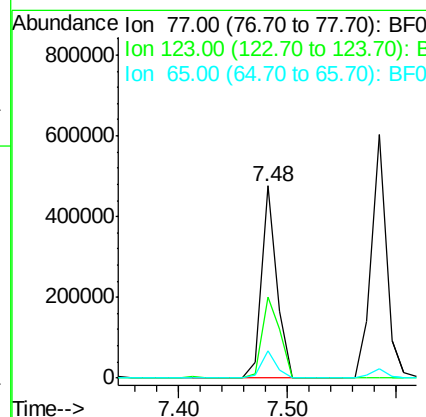
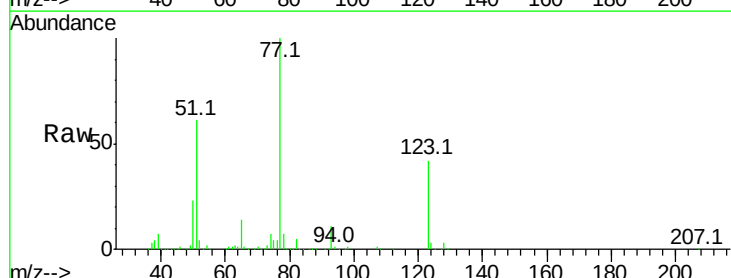
Manual Integrations
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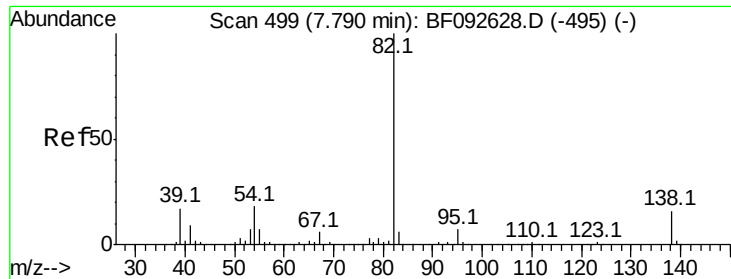
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 2/9/2017 12:31:31 PM



#24
 Nitrobenzene
 Concen: 43.53 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion: 77 Resp: 469004
 Ion Ratio Lower Upper
 77 100
 123 41.9 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 47.79 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

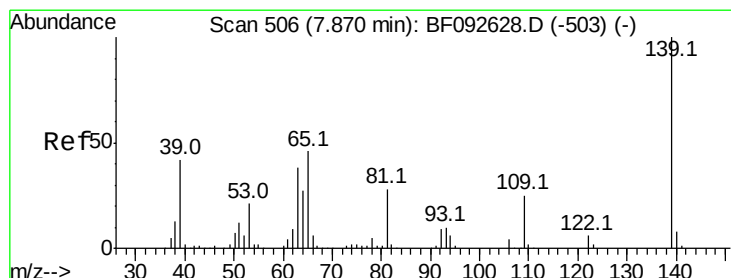
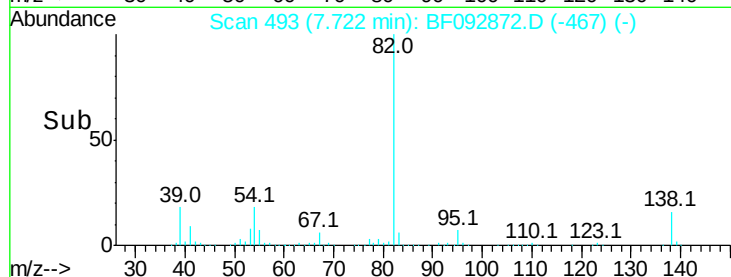
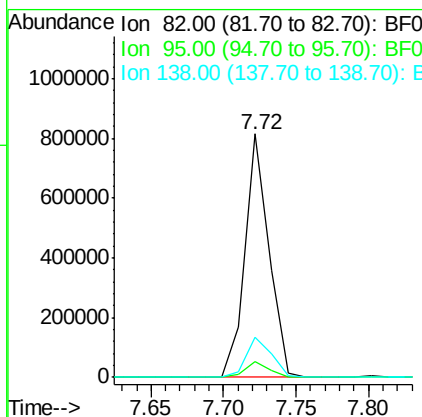
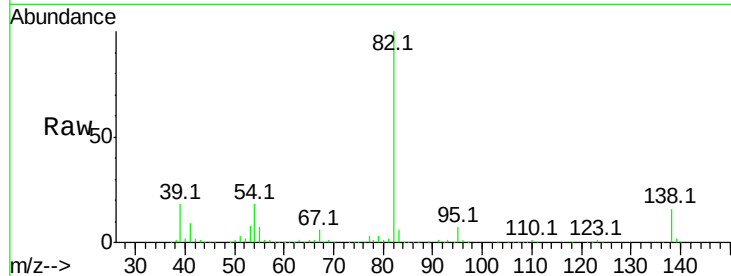
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	82	Resp:	934577
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	16.3	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.62 ng

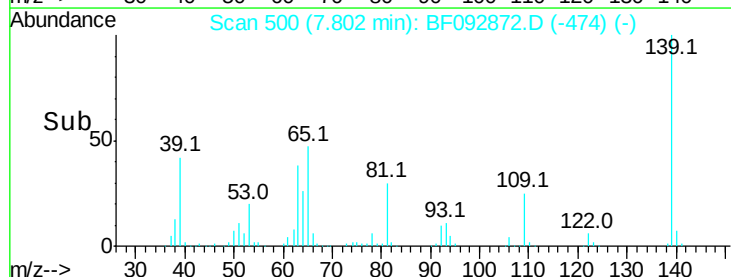
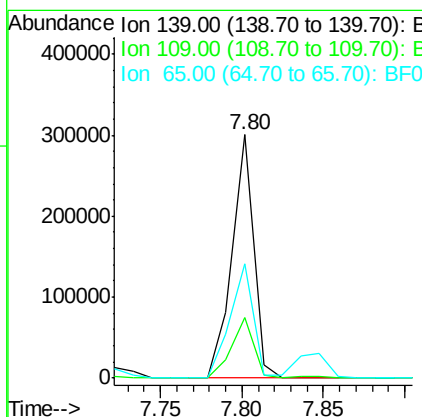
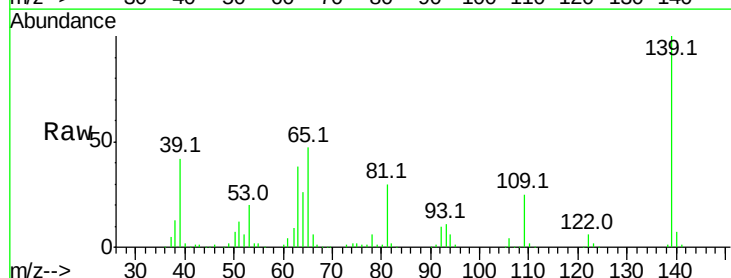
RT: 7.80 min Scan# 500

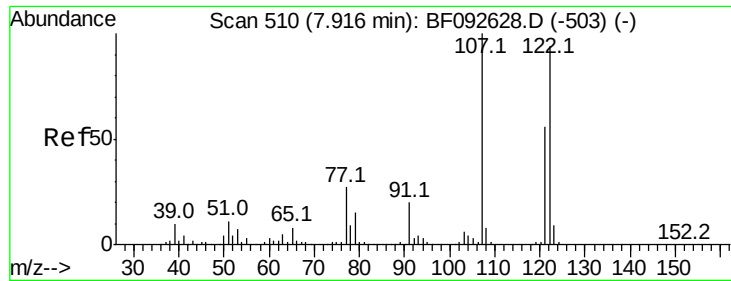
Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	139	Resp:	274631
Ion Ratio	Lower	Upper	
139	100		
109	25.0	23.3	34.9
65	47.1	42.7	64.1





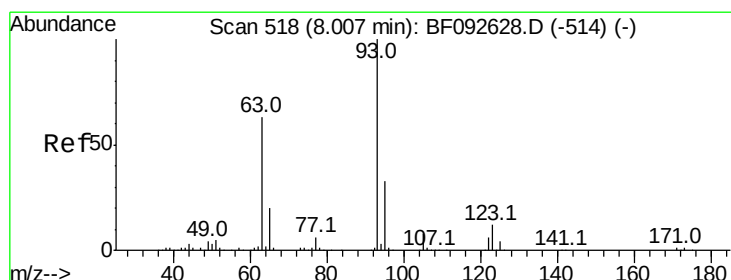
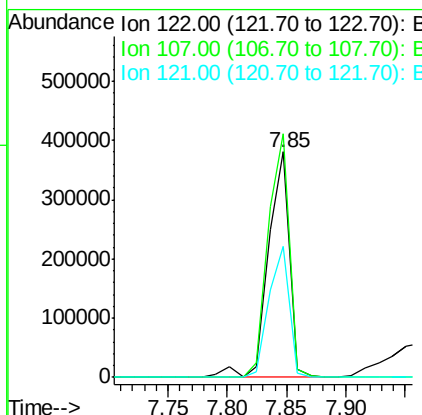
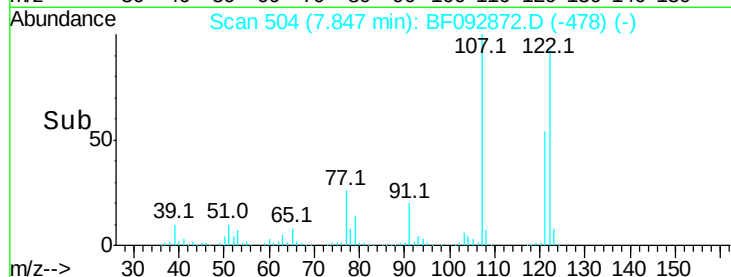
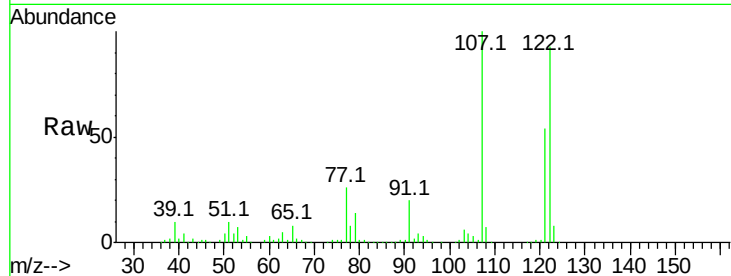
#27
2,4-Dimethylphenol
Concen: 52.64 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.0	94.1	141.1
121	58.3	46.0	69.0

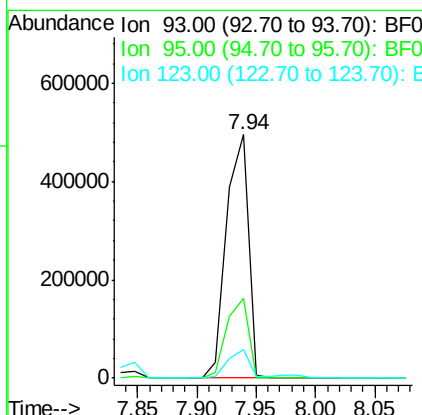
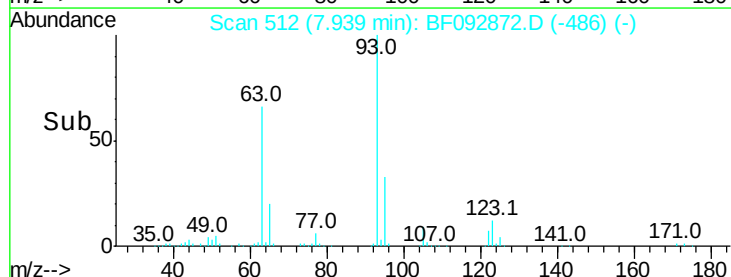
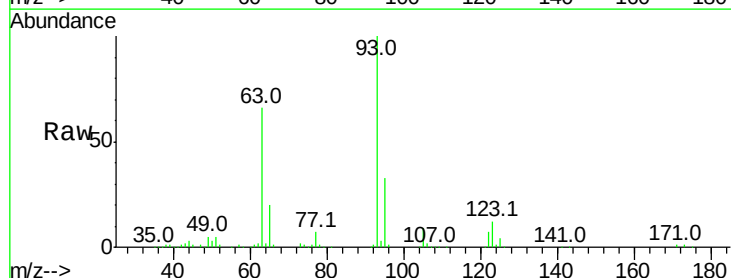
Manual Integrations
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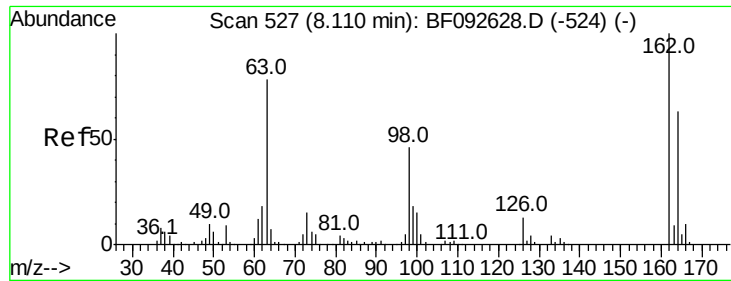
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 49.01 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.7	8.6	13.0





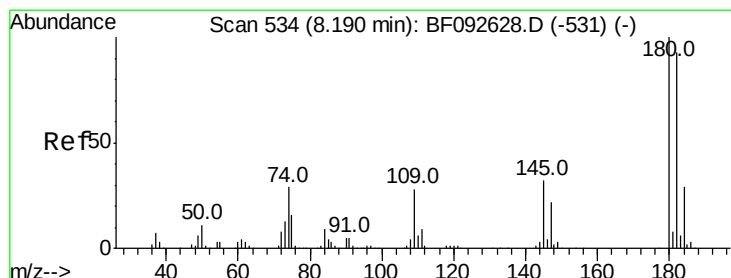
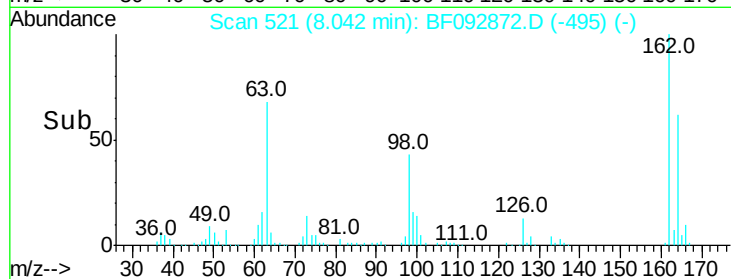
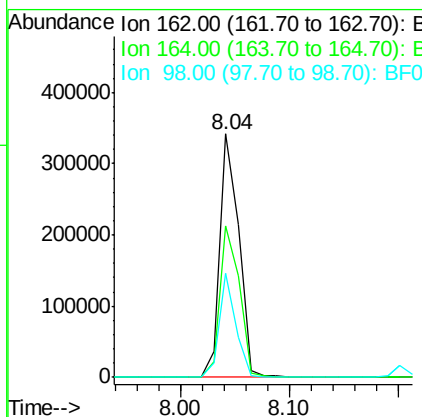
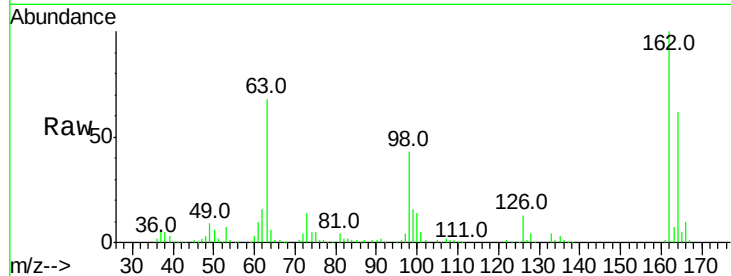
#29
 2,4-Dichlorophenol
 Concen: 49.77 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	417557		
164	62.3	46.8	86.8	
98	42.8	9.1	49.1	

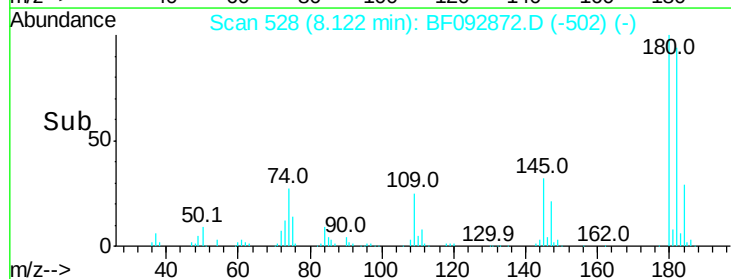
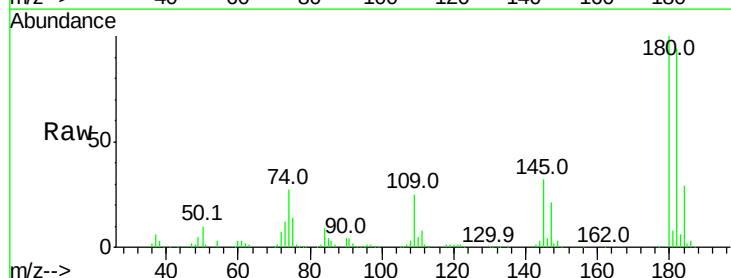
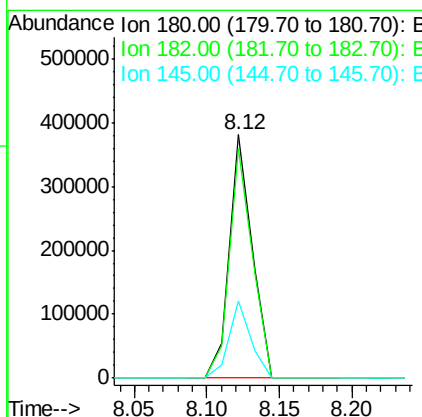
Manual Integrations
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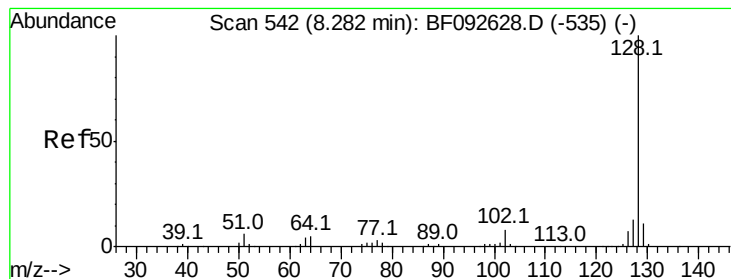
mohammad
 2/9/2017 12:31:31 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.12 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	416976		
182	94.1	78.2	117.4	
145	31.9	21.6	32.4	





#31

Naphthalene

Concen: 43.66 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:128 Resp: 1293453

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

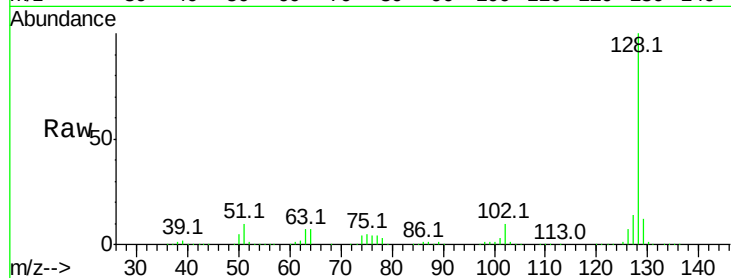
127 13.7 10.8 16.2

Manual Integrations

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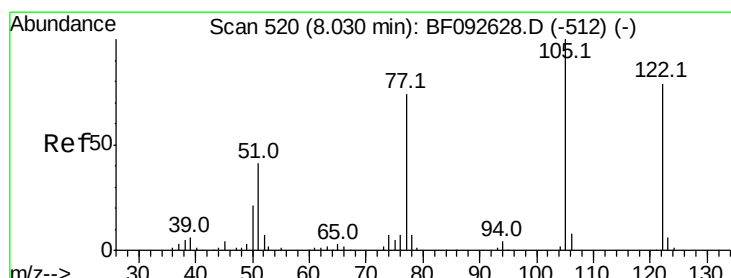
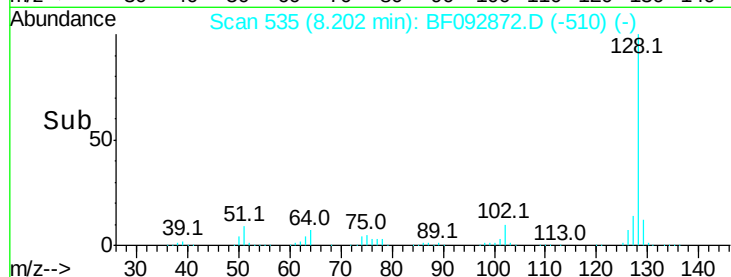
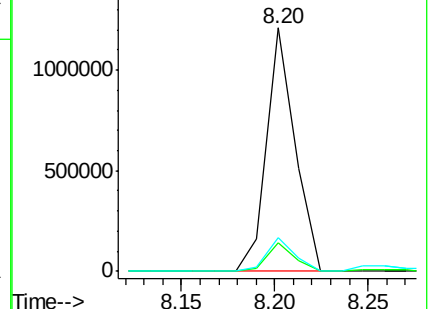
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.90 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

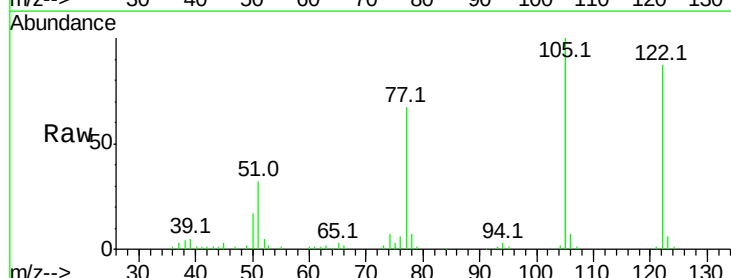
Tgt Ion:122 Resp: 244022

Ion Ratio Lower Upper

122 100

105 114.9 107.2 147.2

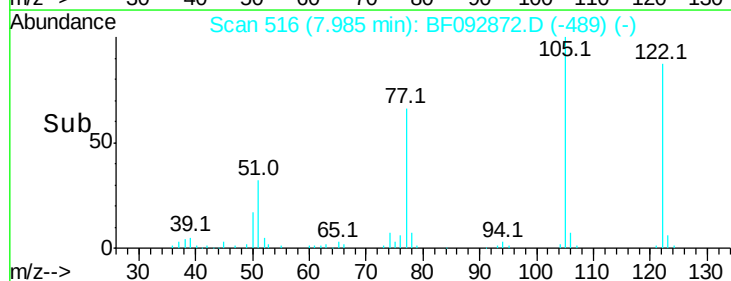
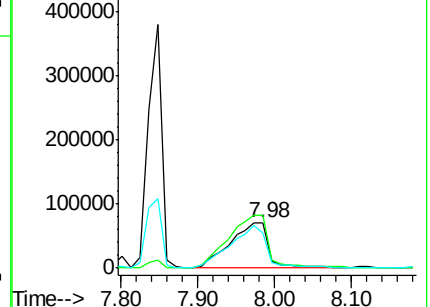
77 77.1 74.5 114.5

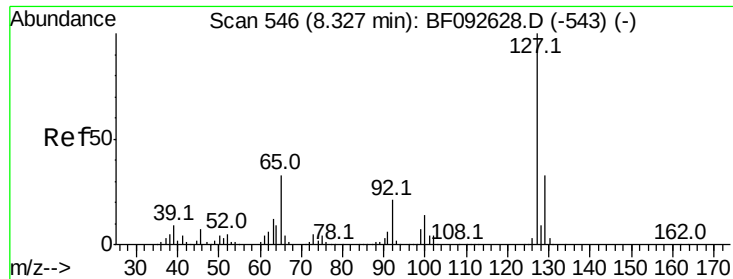


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





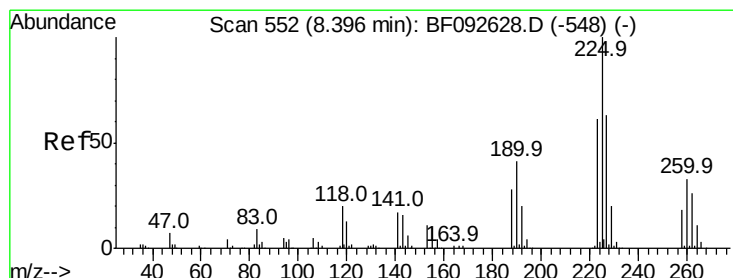
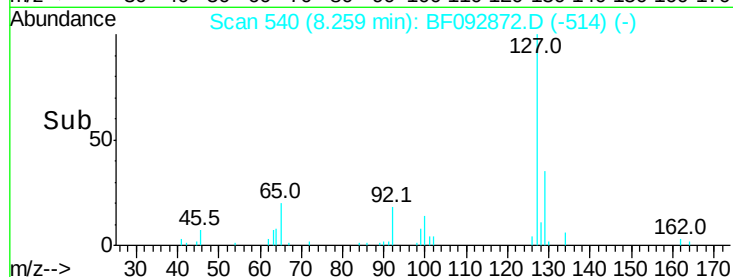
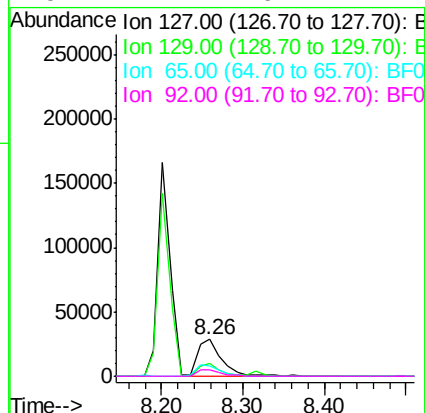
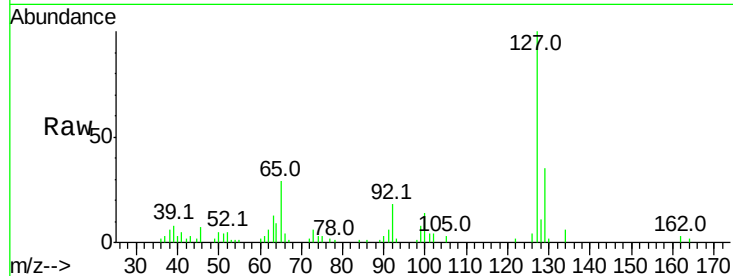
#33
4-Chloroaniline
Concen: 5.07 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.7	26.3	39.5		
65	29.4	25.8	38.8		
92	17.7	16.1	24.1		

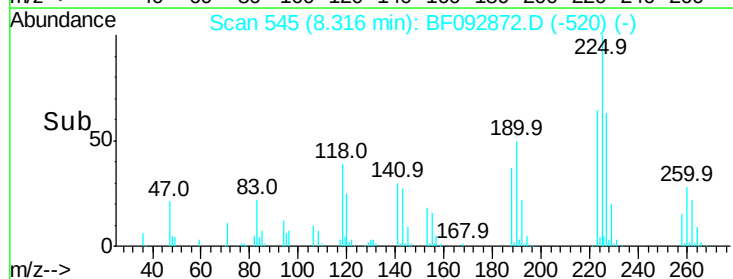
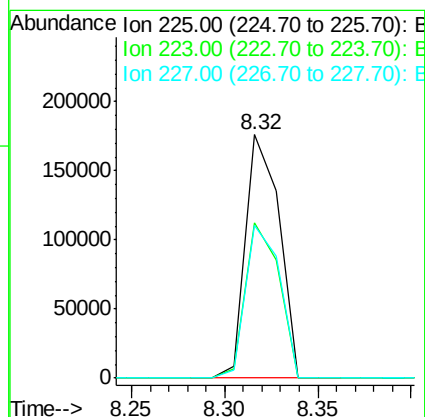
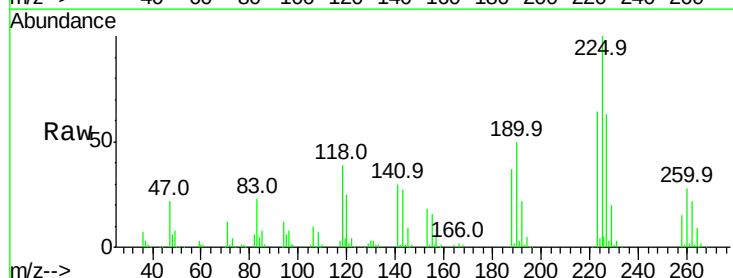
Manual Integrations
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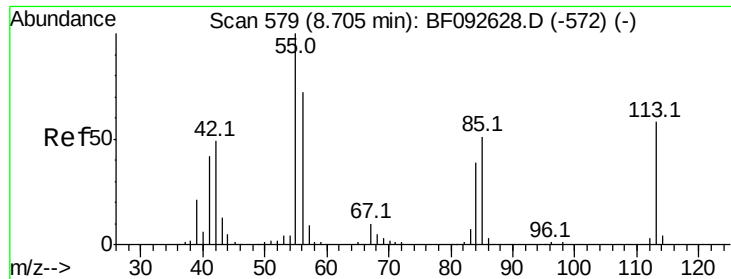
mohammad
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#34
Hexachlorobutadiene
Concen: 44.29 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	51.0	76.6		
227	62.9	50.6	76.0		





#35

Caprolactam

Concen: 45.06 ng/mL

RT: 8.64 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:113 Resp: 118920

Ion Ratio Lower Upper

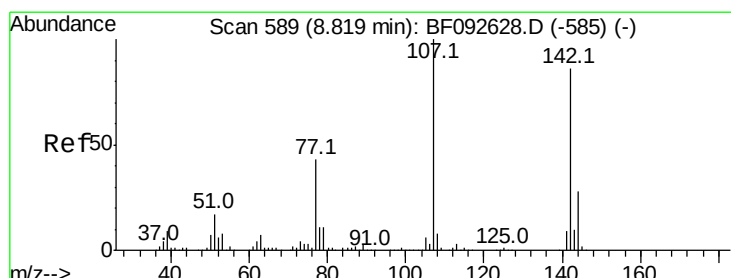
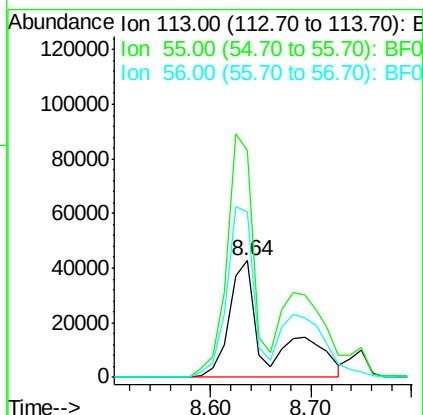
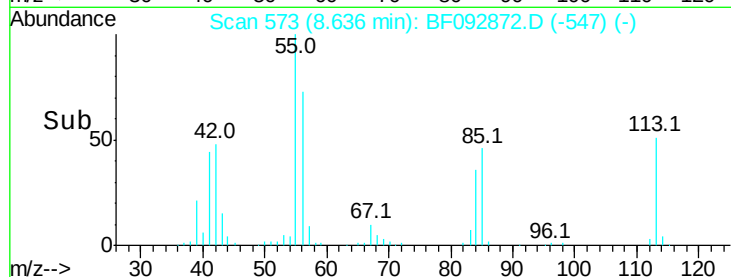
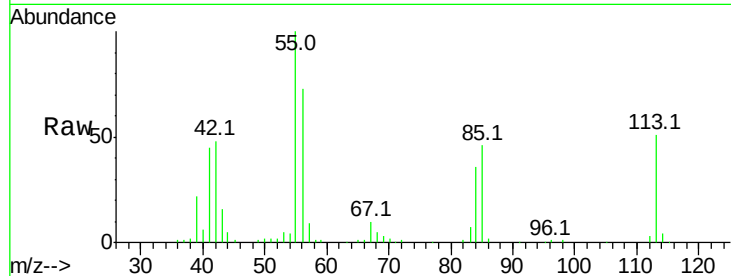
113 100

55 195.2 119.2 159.2#

56 142.5 83.8 123.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 52.37 ng/mL

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

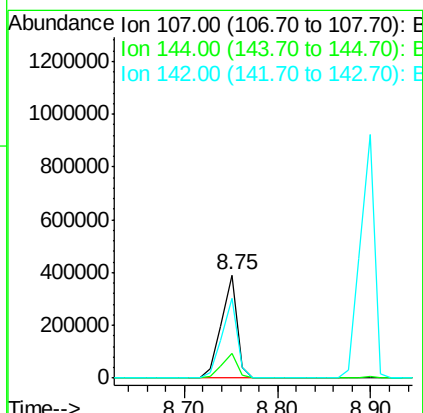
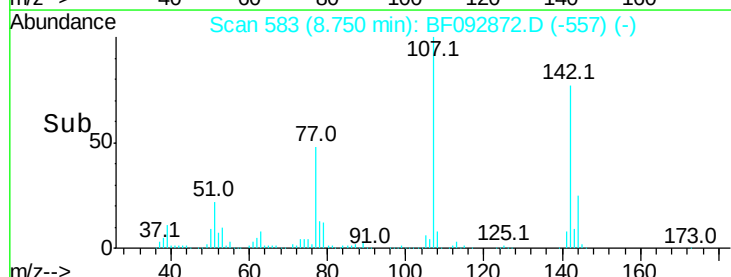
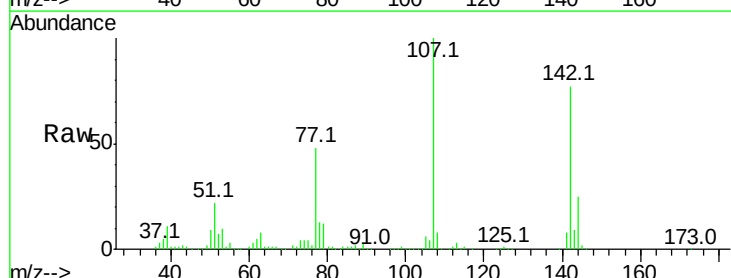
Tgt Ion:107 Resp: 458084

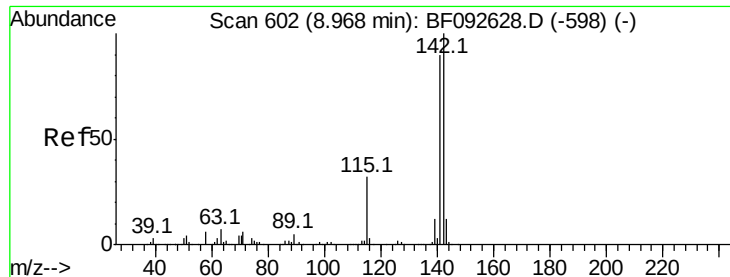
Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

142 77.1 59.0 88.6





#37

2-Methylnaphthalene

Concen: 51.37 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

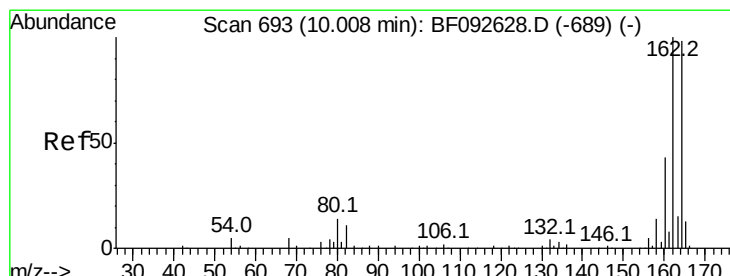
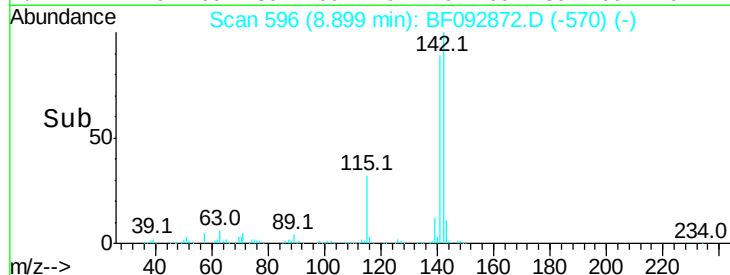
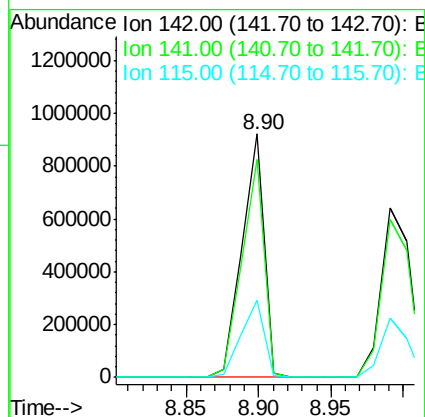
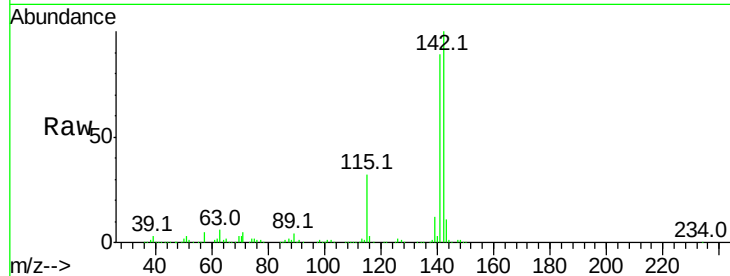
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	142	Resp:	977035
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.0	106.6
115	31.8	28.3	42.5

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

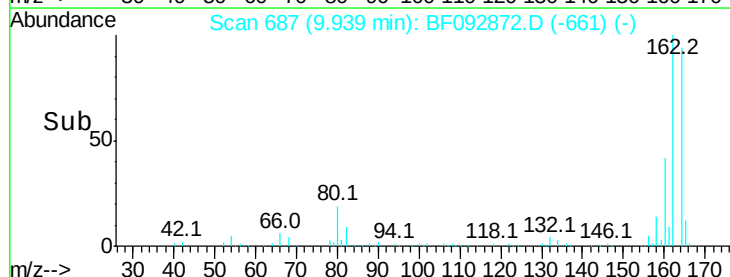
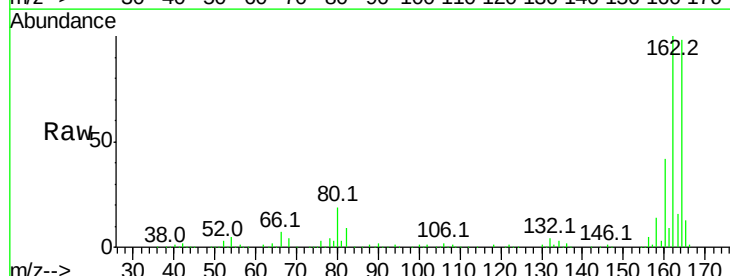
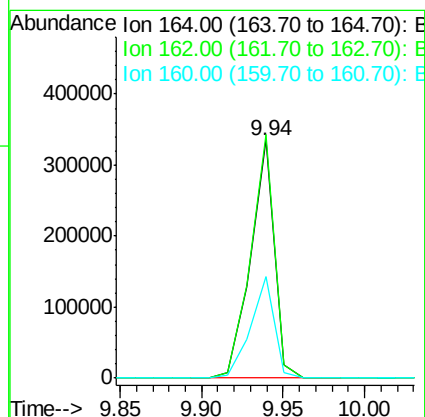
RT: 9.94 min Scan# 687

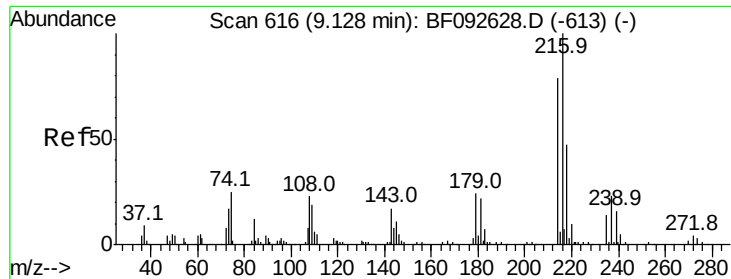
Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	164	Resp:	337387
Ion Ratio	Lower	Upper	
164	100		
162	102.3	80.2	120.2
160	42.8	36.9	55.3





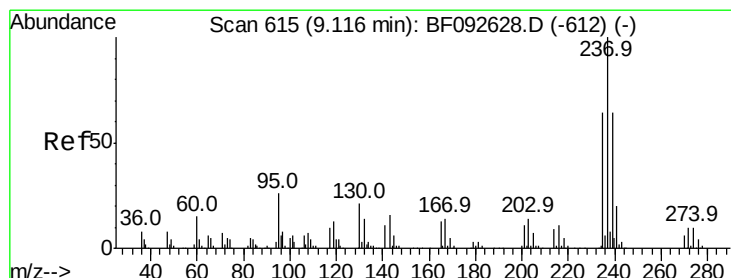
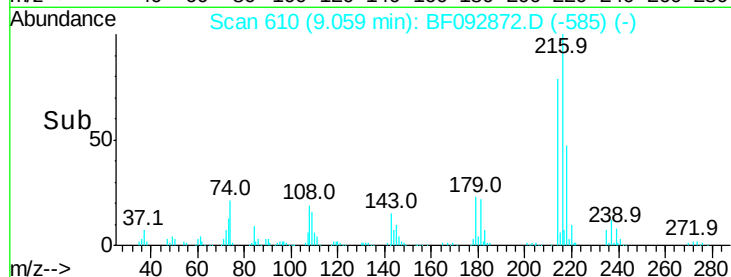
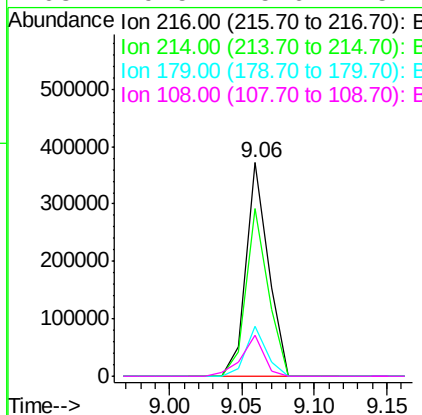
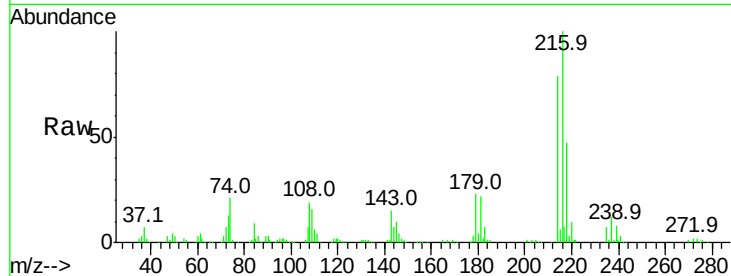
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.84 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion:	216	Resp:	396279
Ion Ratio		Lower	Upper
216	100		
214	78.3	63.4	95.0
179	21.4	17.4	26.2
108	19.5	15.6	23.4

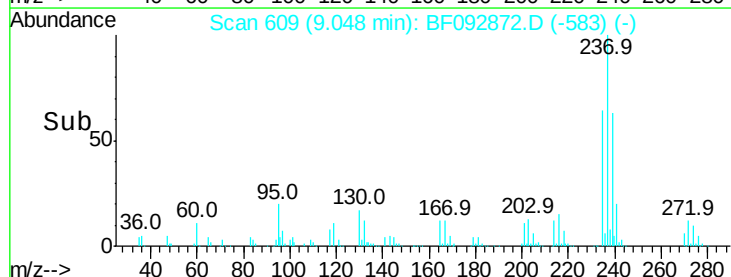
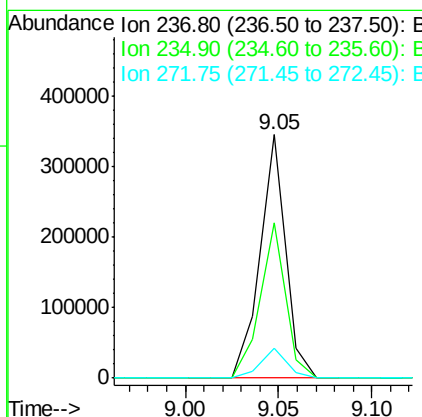
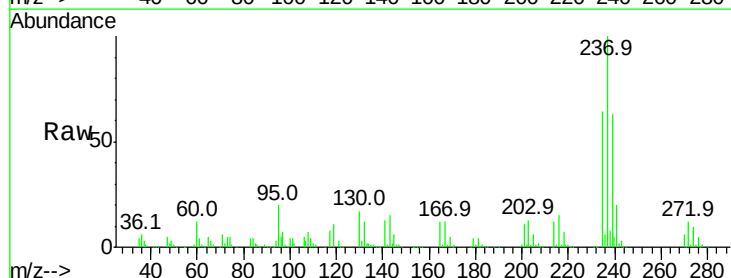
Manual Integrations
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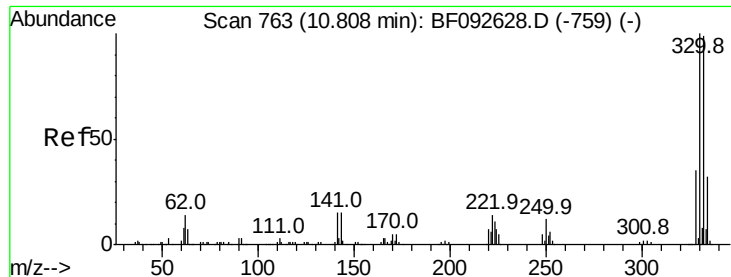
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 76.47 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion:	237	Resp:	326758
Ion Ratio		Lower	Upper
237	100		
235	63.7	41.2	81.2
272	12.3	0.0	35.4





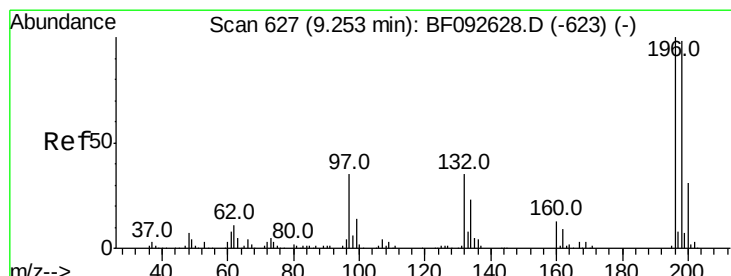
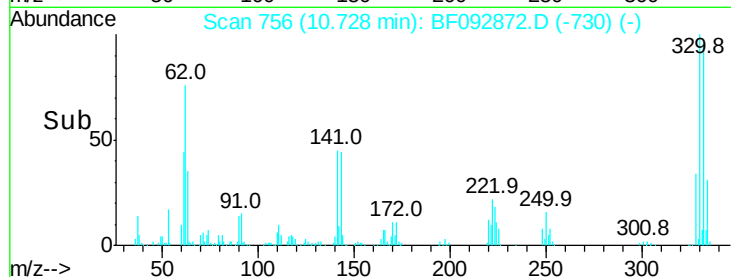
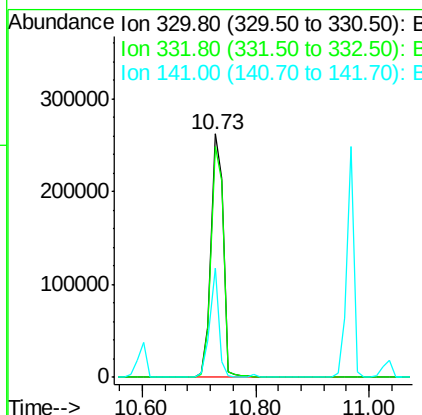
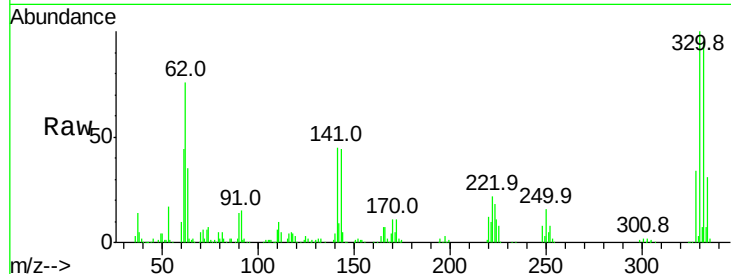
#41
 2,4,6-Tribromophenol
 Concen: 155.05 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	378344		
332	96.3		77.4	116.2
141	33.0		34.1	51.1#

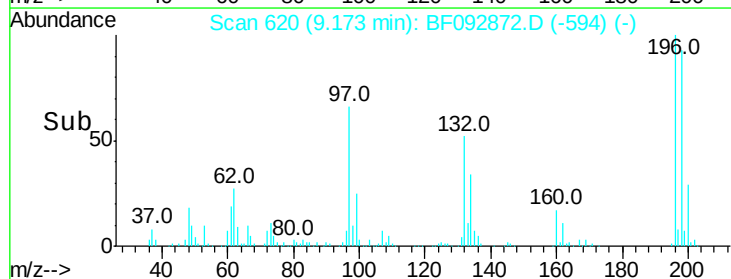
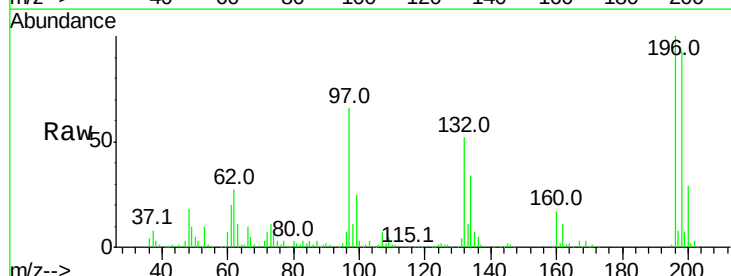
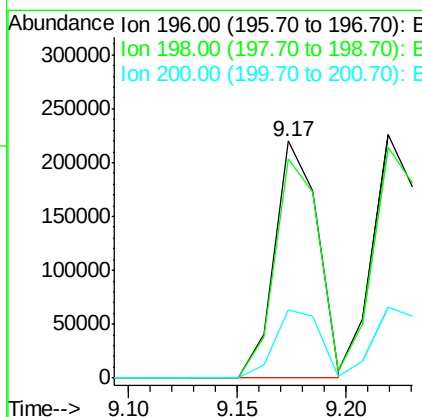
Manual Integrations
 APPROVED

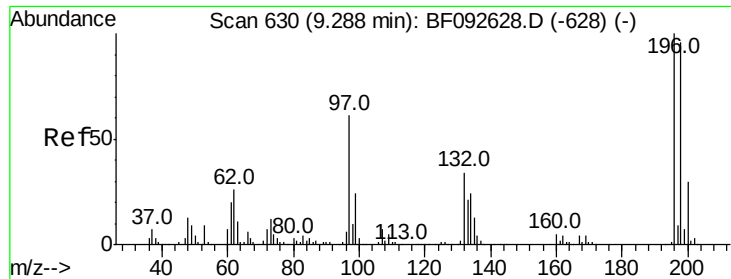
mohammad
 2/9/2017 12:31:31 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.61 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	302488		
198	92.5		82.1	123.1
200	28.7		27.0	40.4





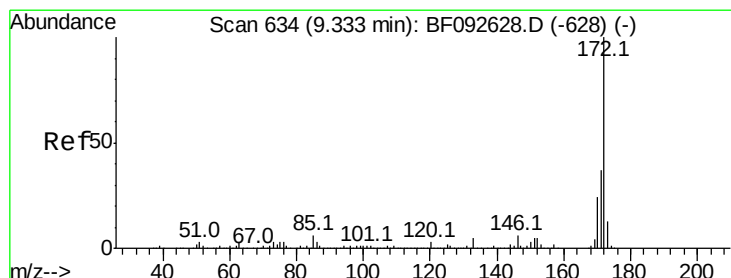
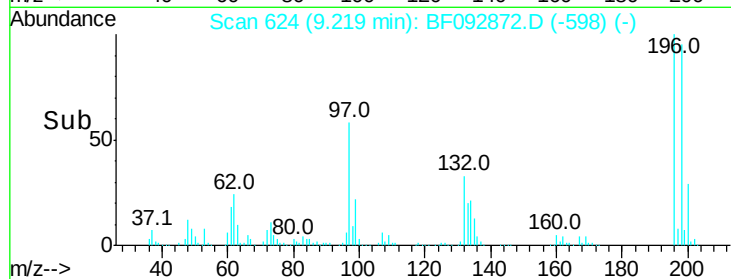
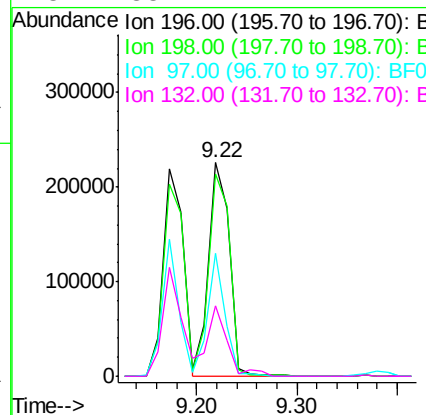
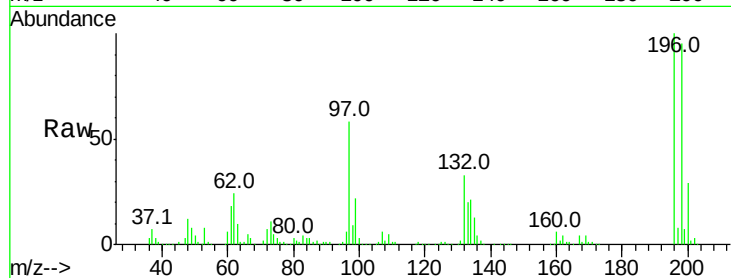
#43
 2,4,5-Trichlorophenol
 Concen: 47.40 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion:	196	Resp:	323220
Ion Ratio	Lower	Upper	
196	100		
198	94.9	79.4	119.2
97	57.8	51.5	77.3
132	33.1	27.4	41.2

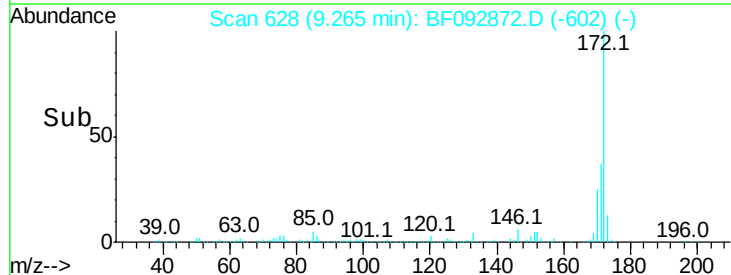
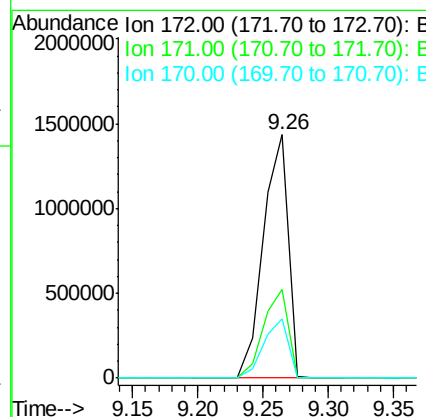
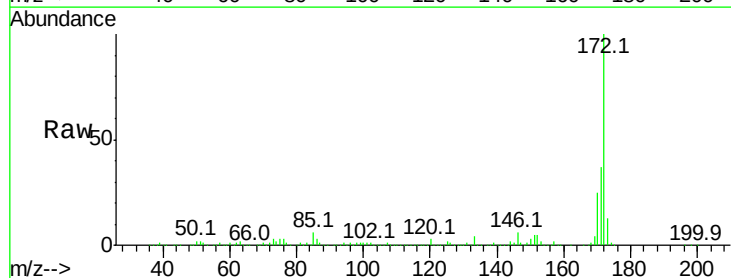
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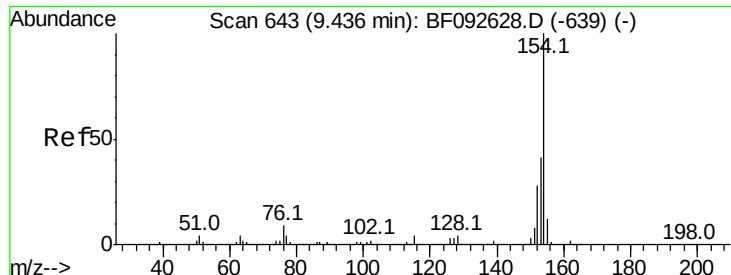
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 102.52 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion:	172	Resp:	1909171
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	24.6	20.2	30.4





#45

1,1'-Biphenyl

Concen: 43.94 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:154 Resp: 1073492

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

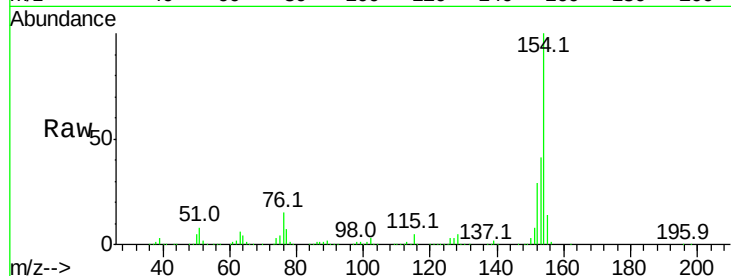
76 15.4 0.0 30.5

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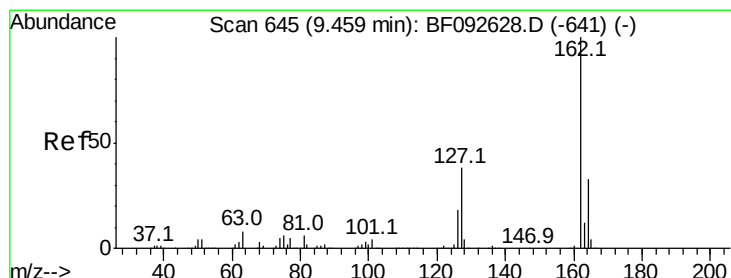
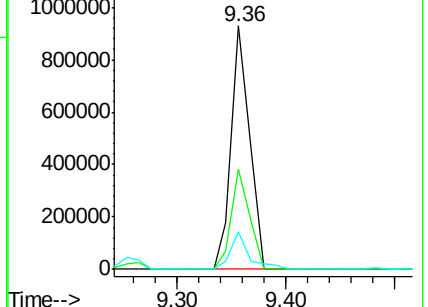
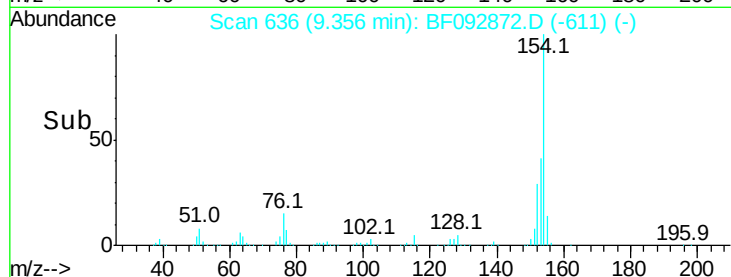
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.31 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

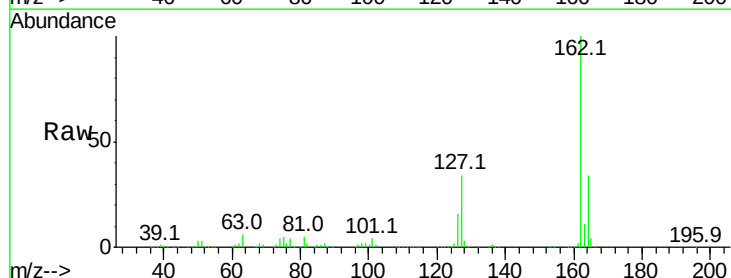
Tgt Ion:162 Resp: 942329

Ion Ratio Lower Upper

162 100

127 34.3 30.7 46.1

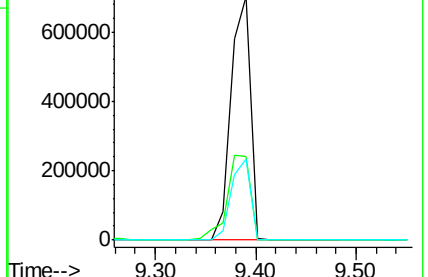
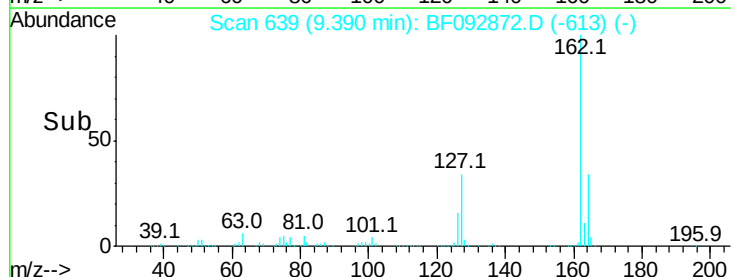
164 33.5 27.6 41.4

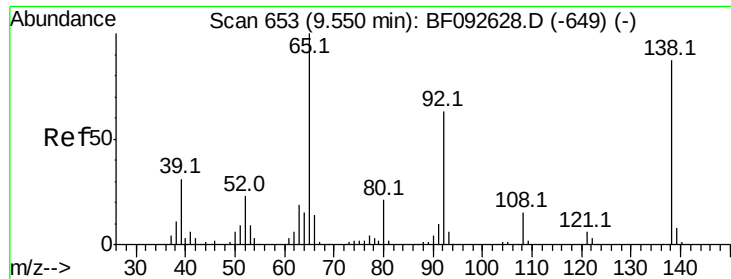


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





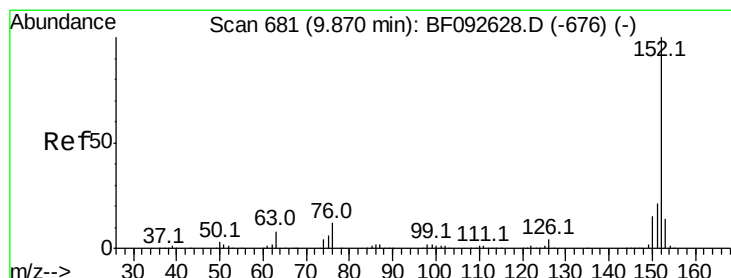
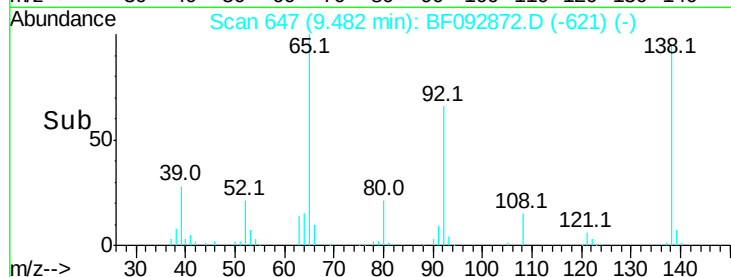
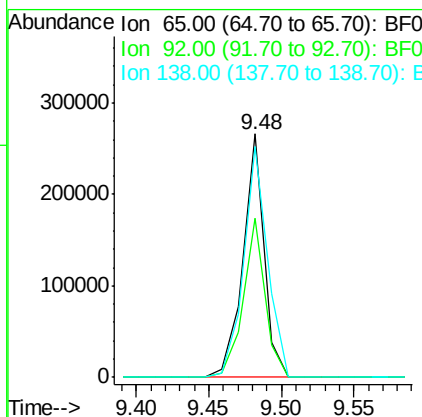
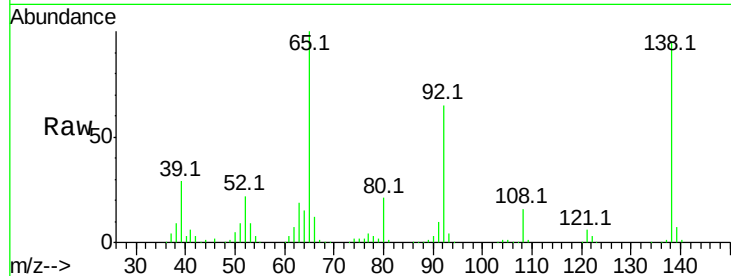
#47
 2-Nitroaniline
 Concen: 41.81 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.9	80.9
138	94.6	76.8	115.2

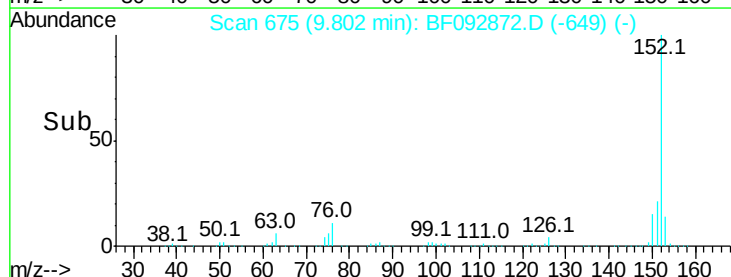
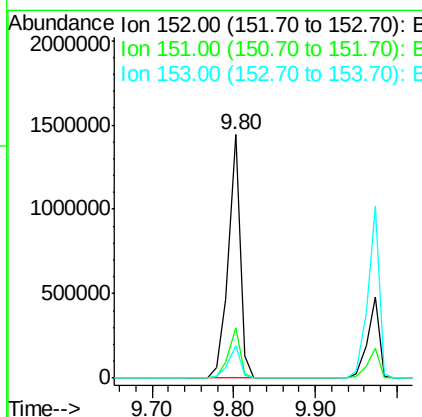
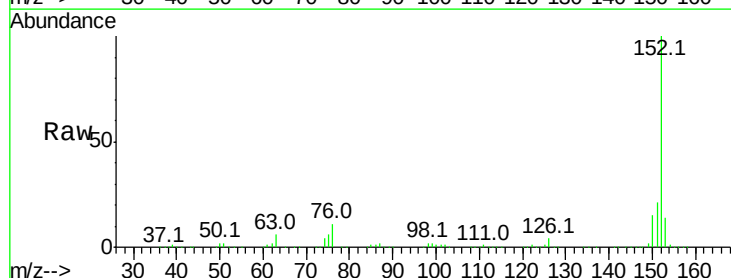
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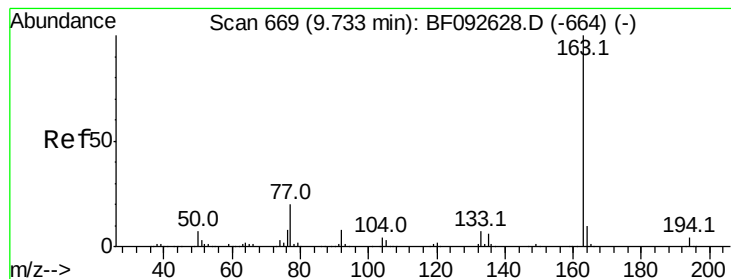
mohammad
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#48
 Acenaphthylene
 Concen: 43.74 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.5	11.4	17.2





#49

Dimethylphthalate

Concen: 47.80 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:163 Resp: 1086304

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

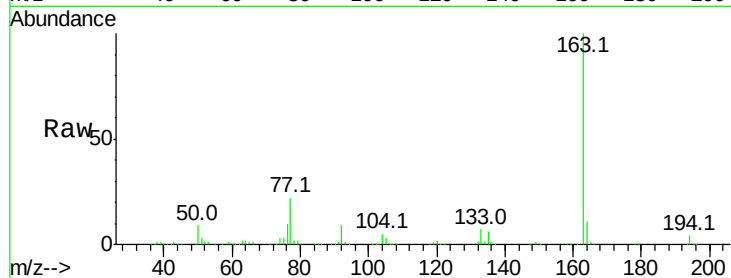
164 10.5 8.0 12.0

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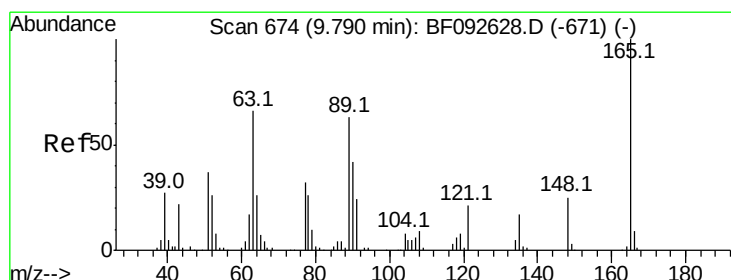
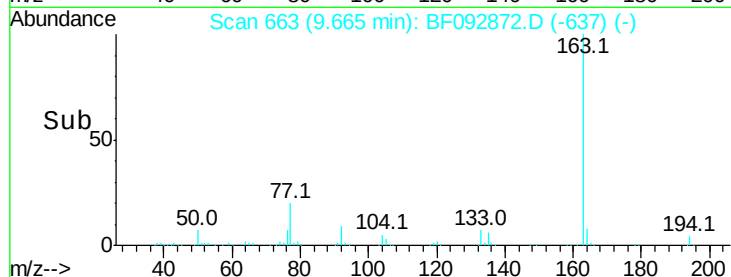
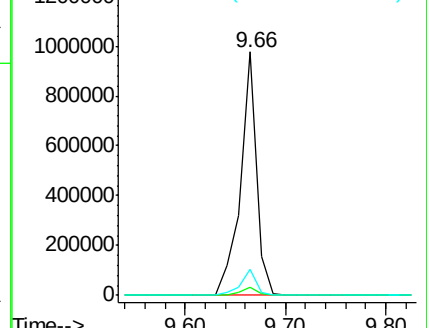
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.37 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

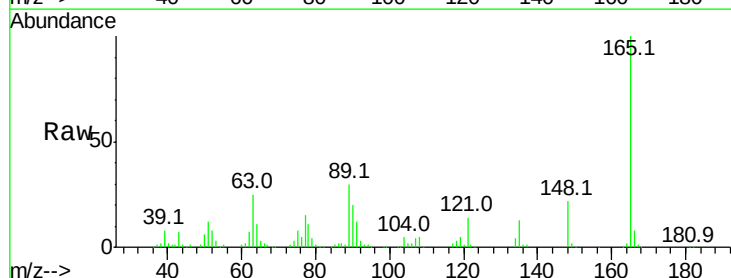
Tgt Ion:165 Resp: 256998

Ion Ratio Lower Upper

165 100

63 25.4 36.2 54.4#

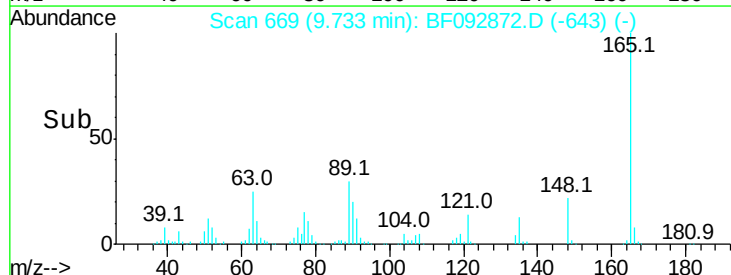
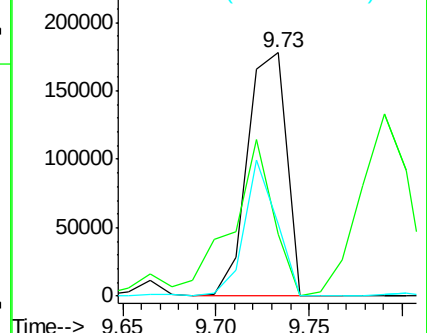
89 29.6 40.2 60.4#

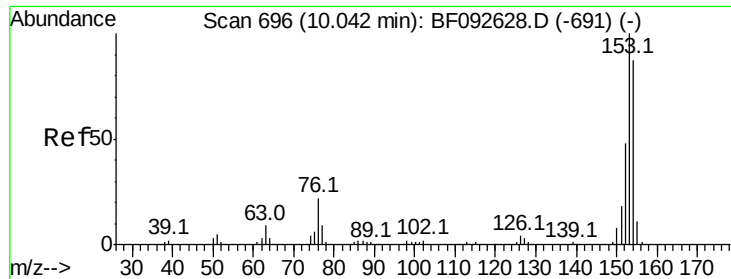


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.87 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

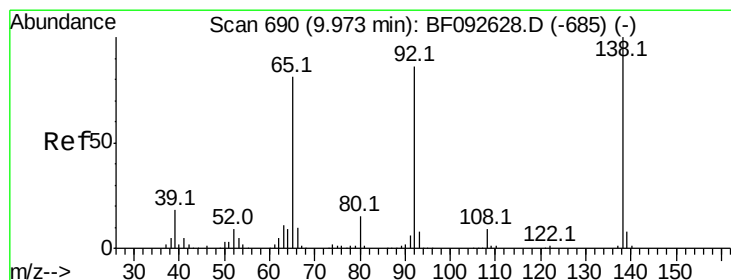
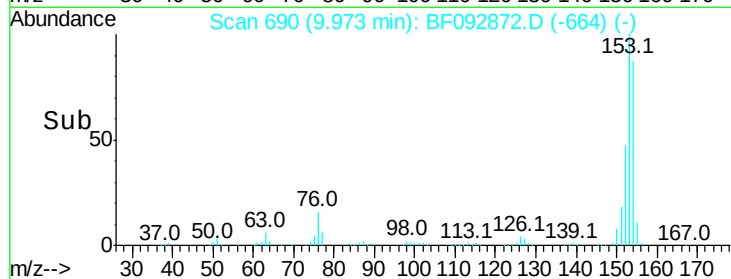
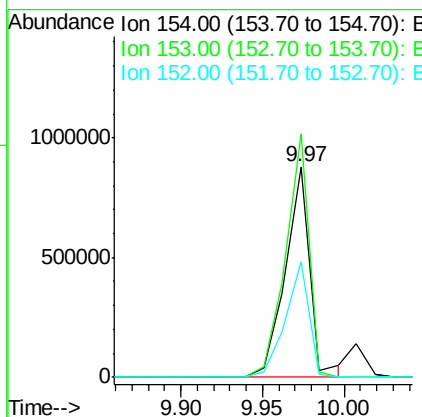
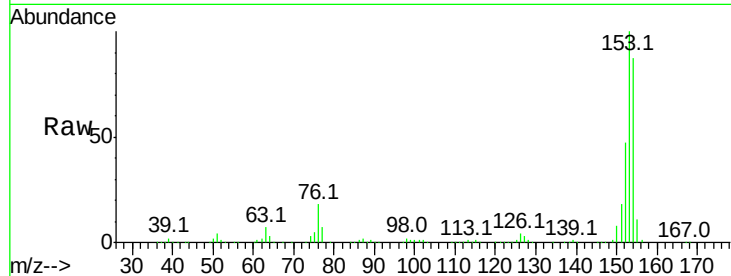
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	154	Resp:	925233
Ion Ratio	Lower	Upper	
154	100		
153	115.4	88.6	133.0
152	54.7	41.6	62.4

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#52

3-Nitroaniline

Concen: 4.65 ng

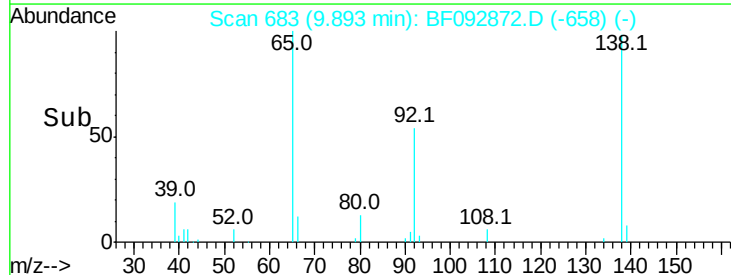
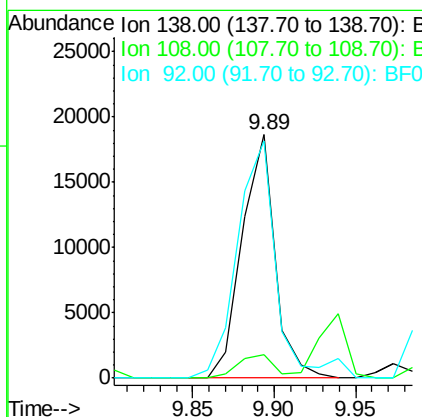
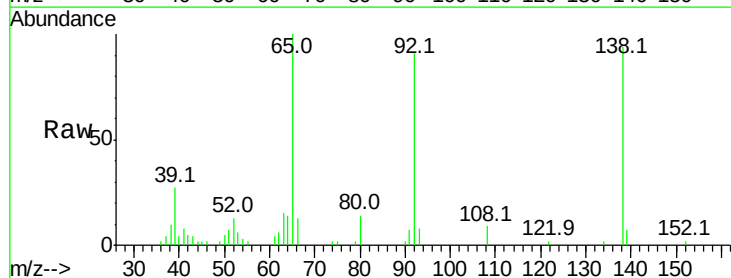
RT: 9.89 min Scan# 683

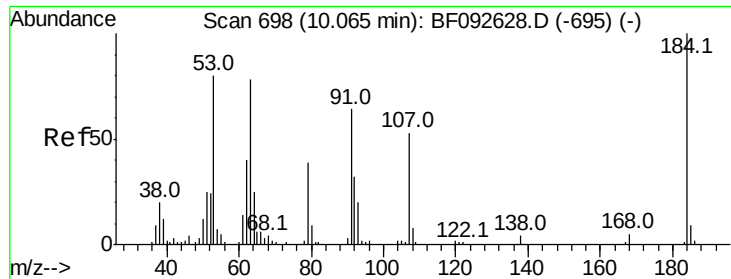
Delta R.T. -0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	138	Resp:	26092
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.5	12.7
92	97.4	97.8	146.8#





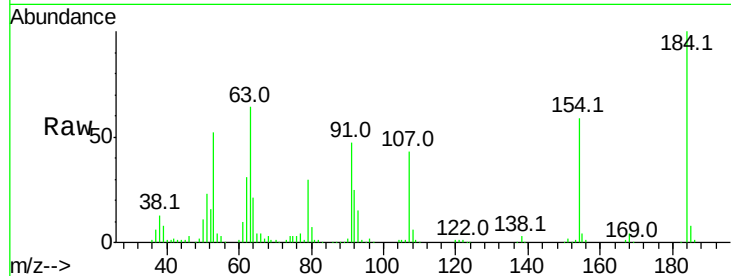
#53
 2,4-Dinitrophenol
 Concen: 98.80 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

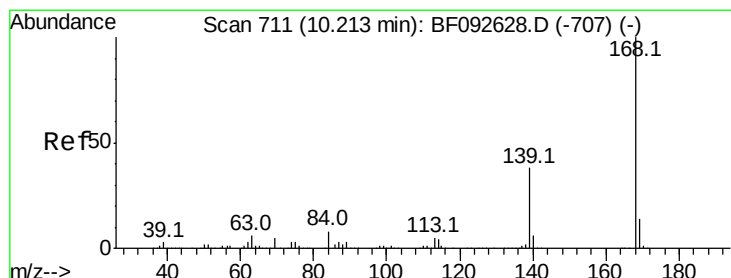
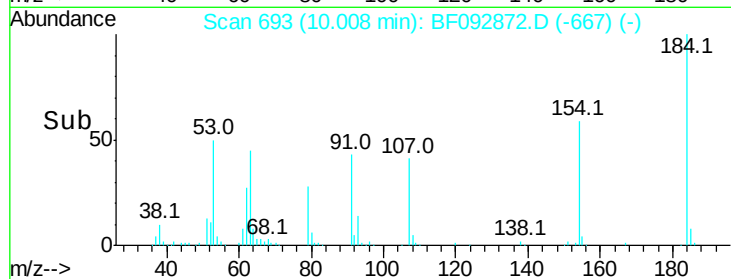
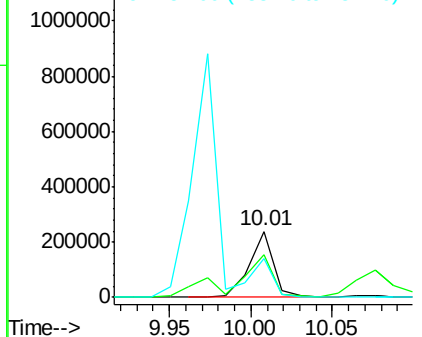
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	64.4	28.4	42.6	
154	59.0	44.3	66.5	

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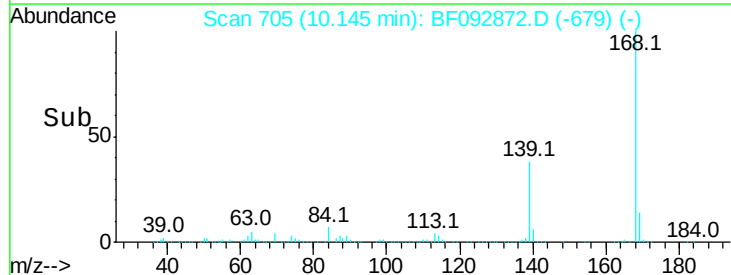
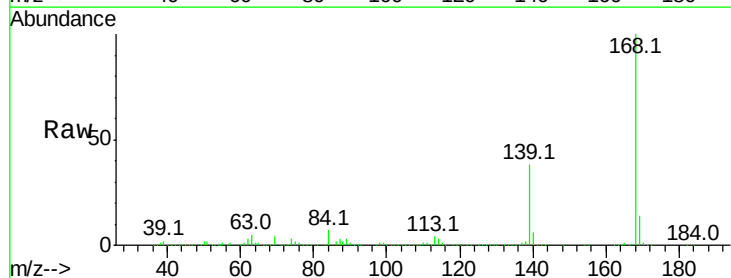
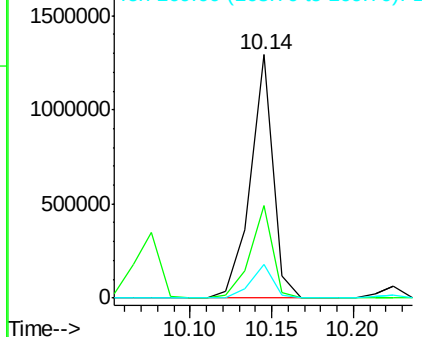
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

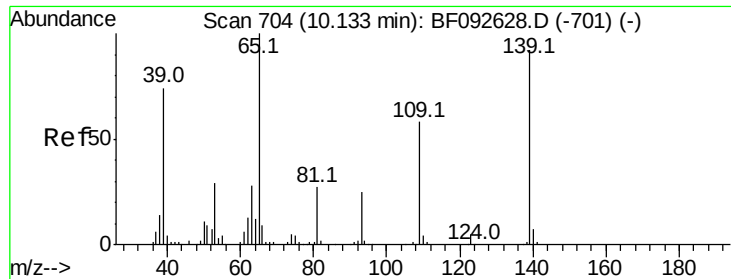


#54
 Dibenzofuran
 Concen: 46.91 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.2	32.6	49.0	
169	14.0	11.3	16.9	

Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 96.70 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

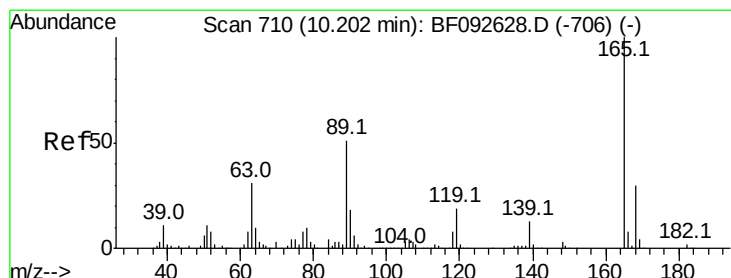
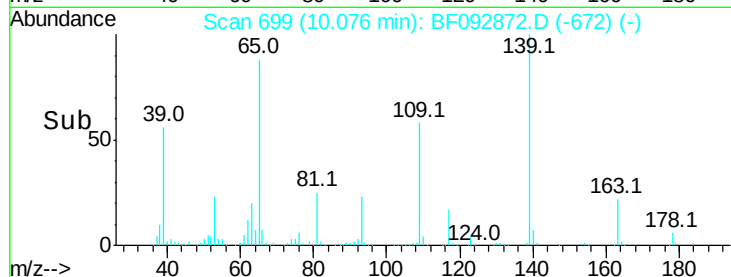
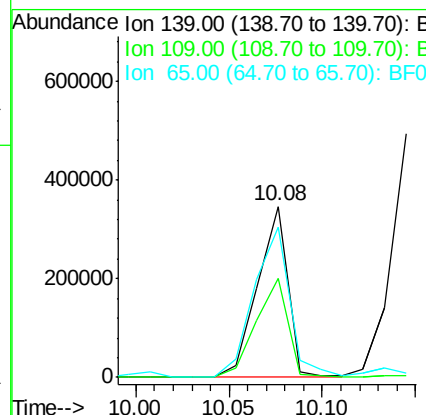
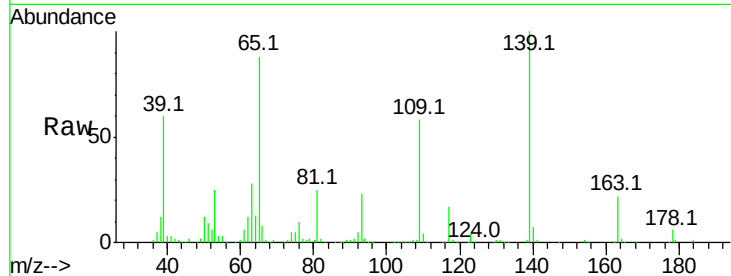
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	139	Resp:	391176
Ion Ratio	Lower	Upper	
139	100		
109	58.2	52.2	92.2
65	88.1	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 48.62 ng

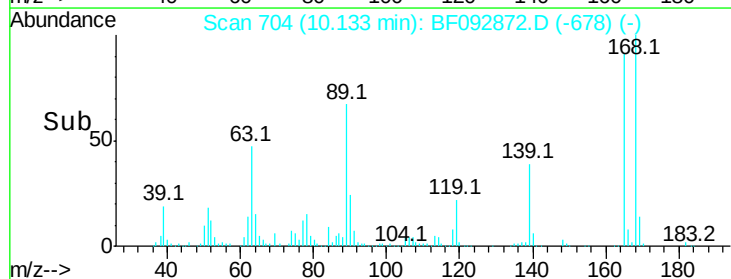
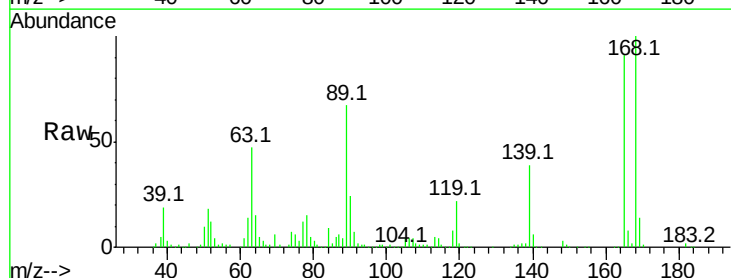
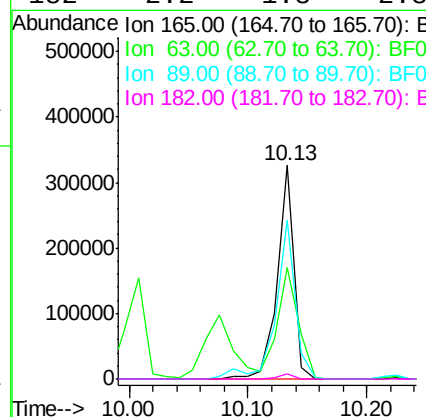
RT: 10.13 min Scan# 704

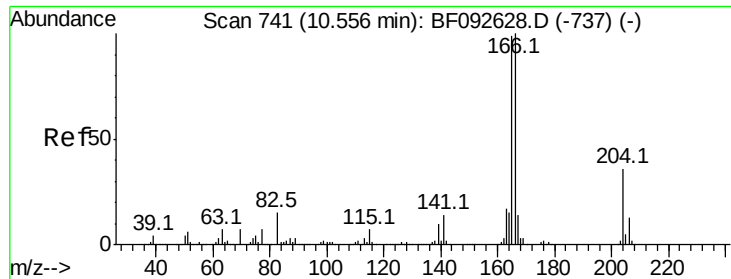
Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	165	Resp:	317708
Ion Ratio	Lower	Upper	
165	100		
63	52.2	40.2	60.4
89	74.3	62.5	93.7
182	2.2	1.8	2.8





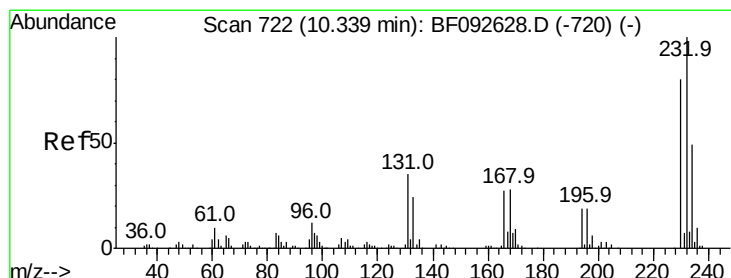
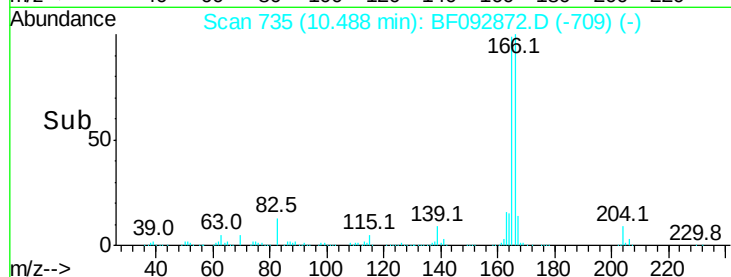
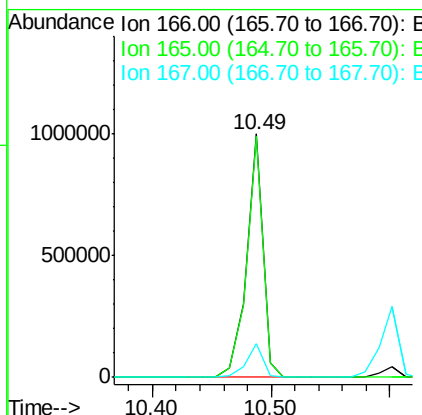
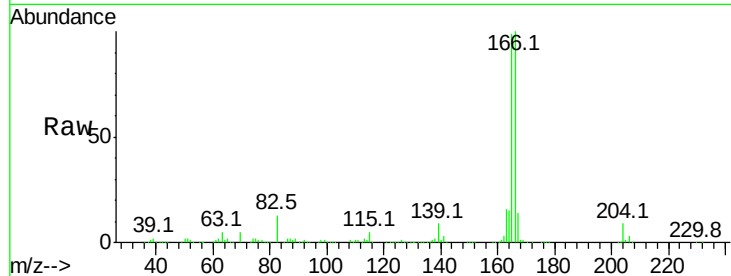
#57
 Fluorene
 Concen: 47.48 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	964312		
165	99.3	77.8	116.8	
167	13.8	10.8	16.2	

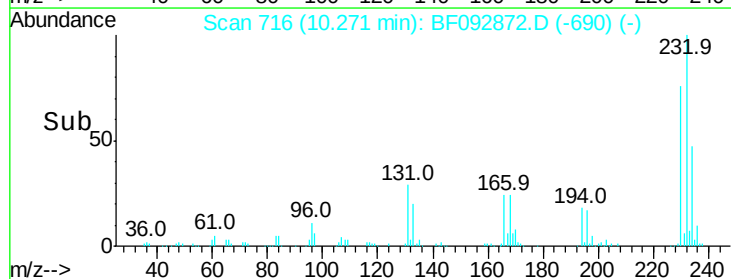
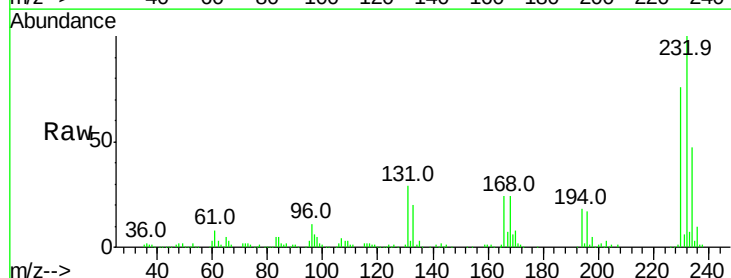
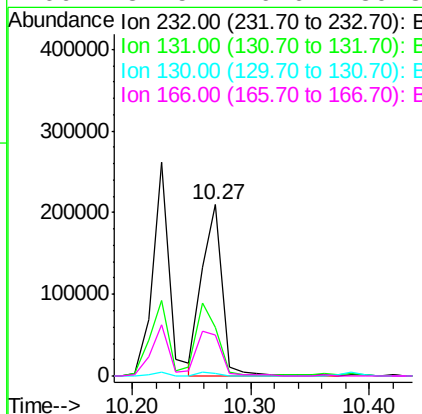
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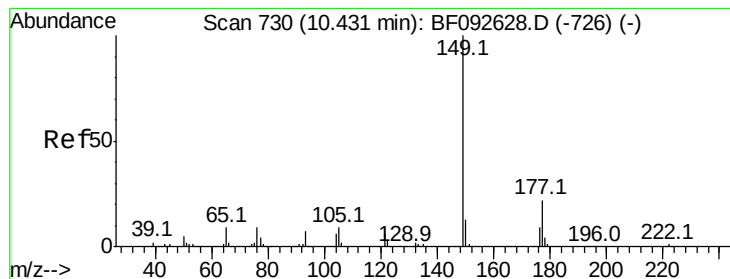
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.11 ng
 RT: 10.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	250666		
131	46.4	40.1	60.1	
130	2.0	1.8	2.8	
166	31.5	26.6	39.8	





#59

Diethylphthalate

Concen: 48.71 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:149 Resp: 1043232

Ion Ratio Lower Upper

149 100

177 21.9 16.6 25.0

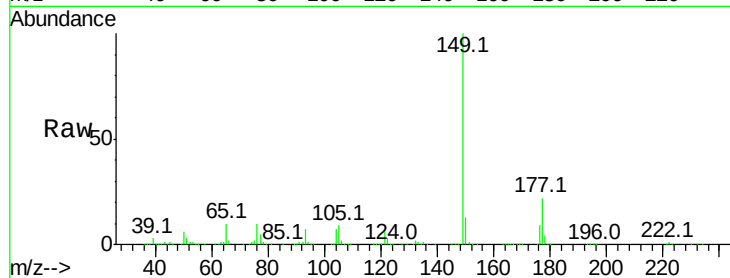
150 12.9 10.4 15.6

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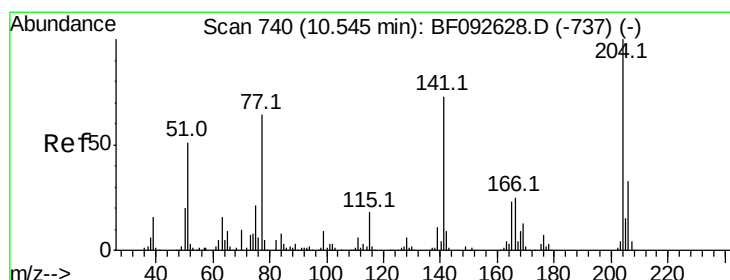
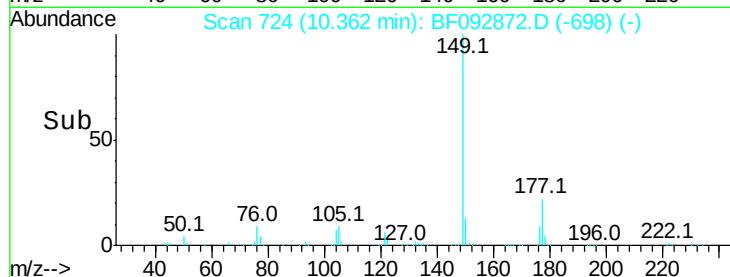
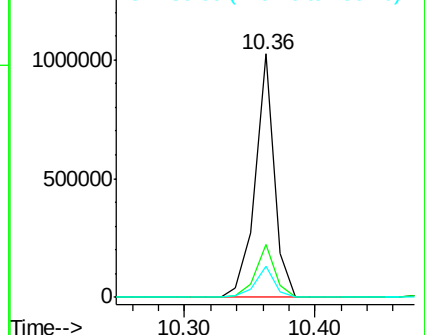
2/9/2017 12:31:31 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.39 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

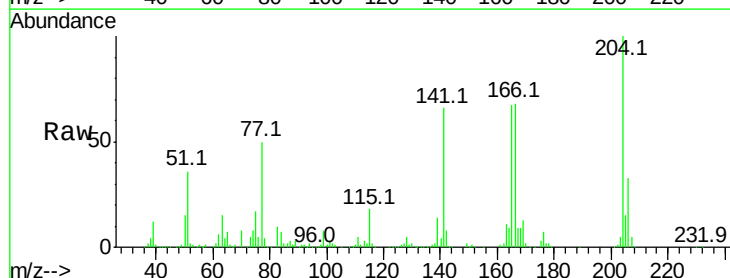
Tgt Ion:204 Resp: 413619

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

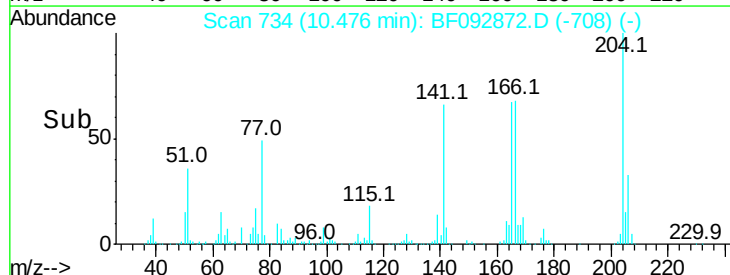
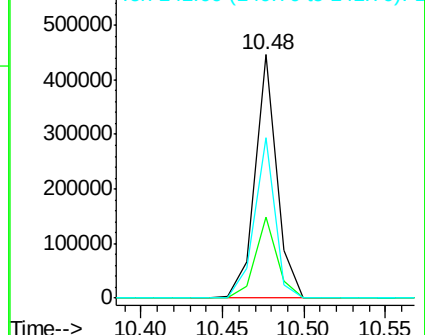
141 65.7 59.4 89.0

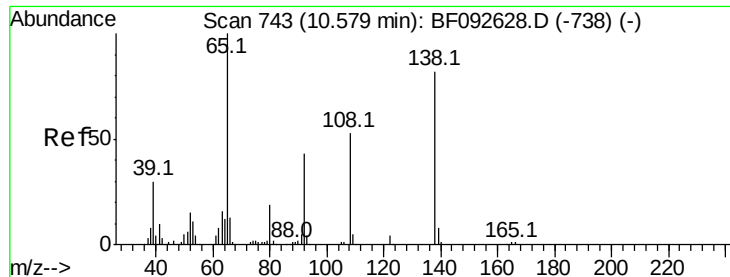


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





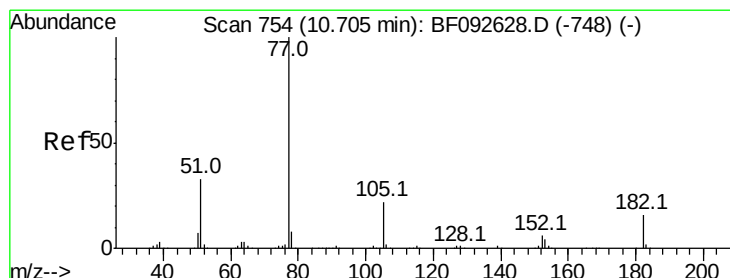
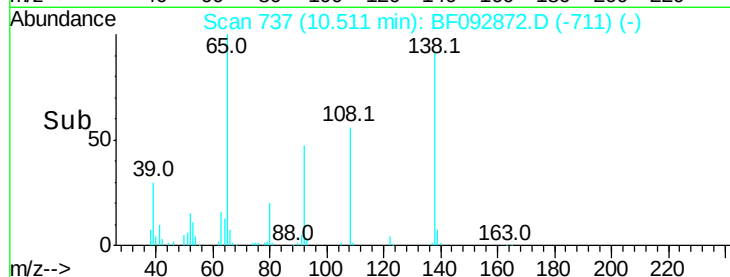
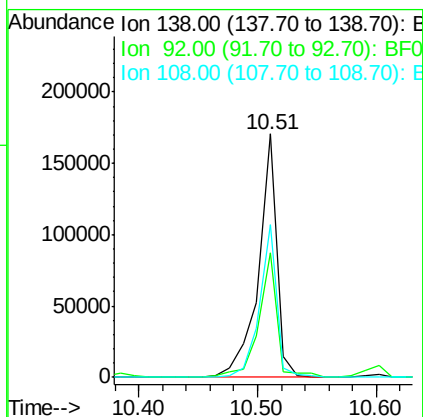
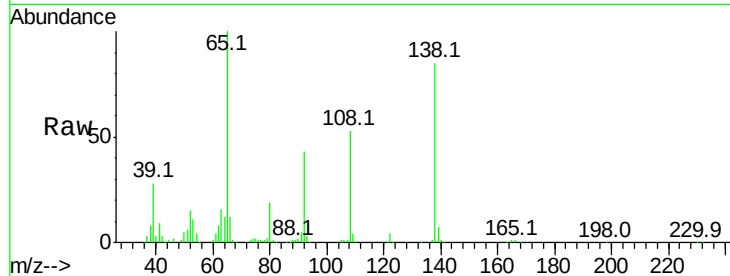
#61
4-Nitroaniline
Concen: 32.23 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	31.7	71.7
108	62.6	52.6	92.6

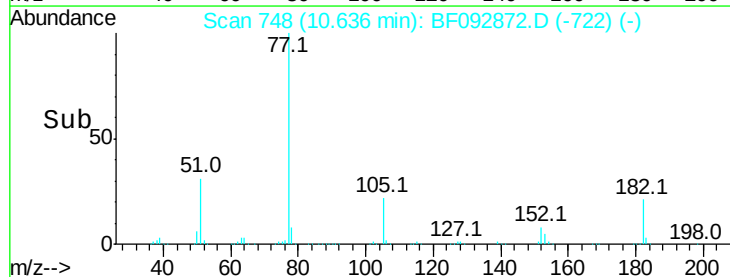
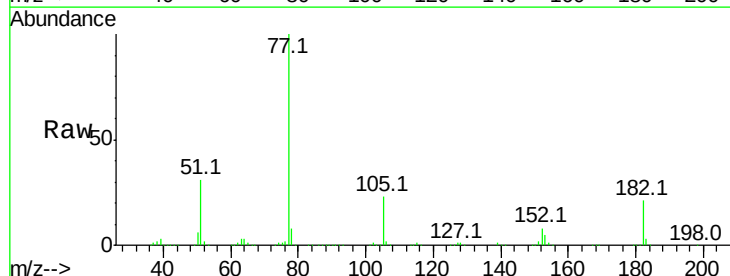
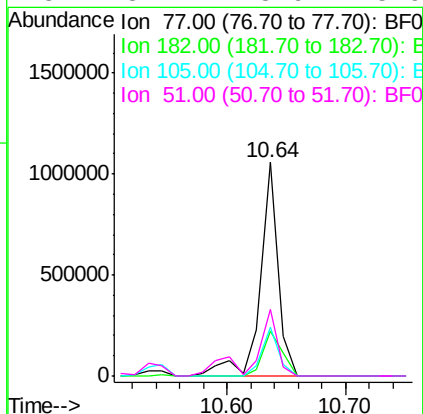
Manual Integrations
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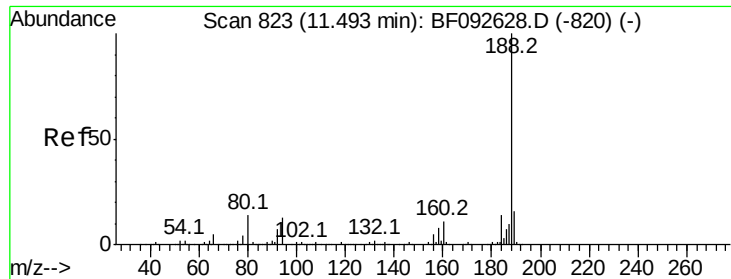
mohammad
2/9/2017 12:31:31 PM



#62
Azobenzene
Concen: 50.37 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	0.0	39.3
105	22.6	2.3	42.3
51	31.4	8.9	48.9





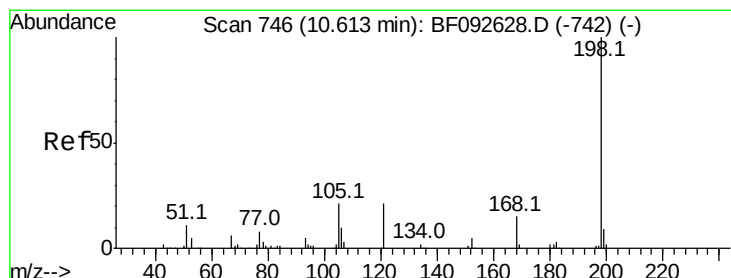
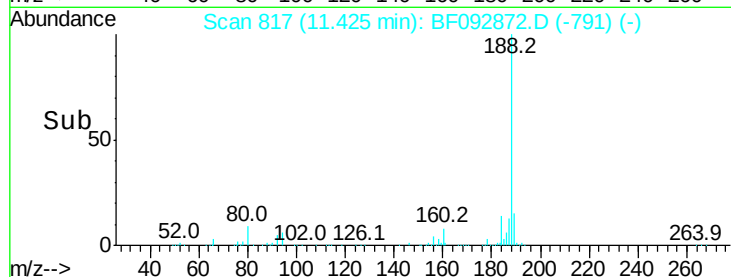
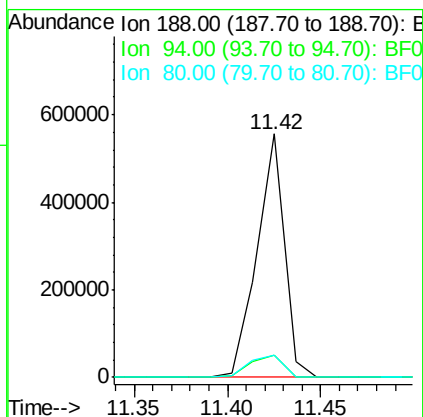
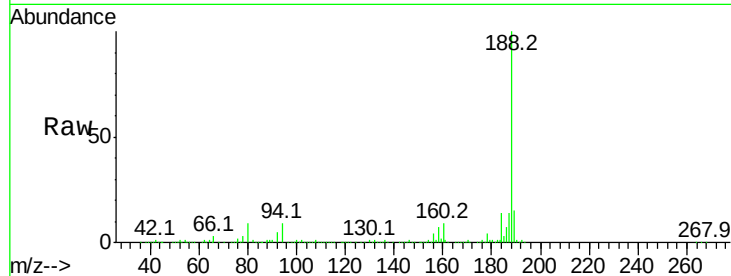
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.0	10.0	15.0#
80	9.3	11.2	16.8#

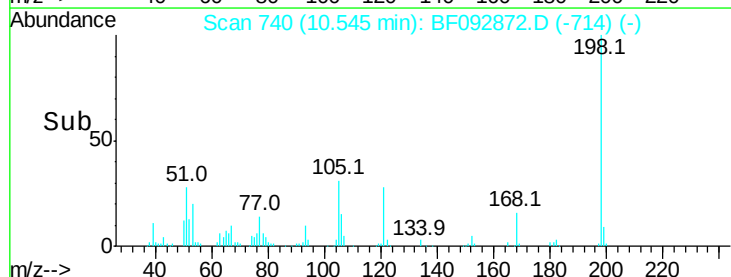
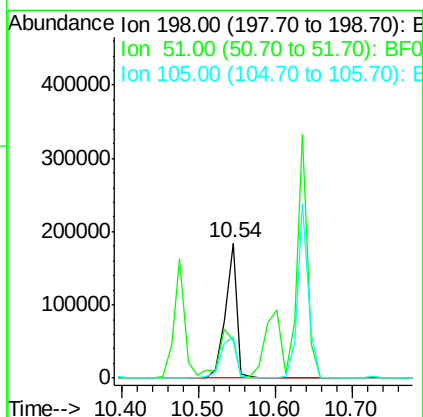
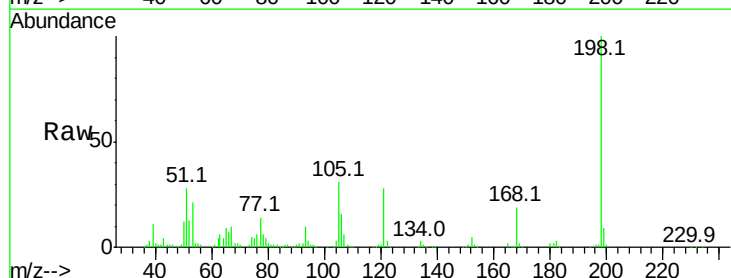
Manual Integrations
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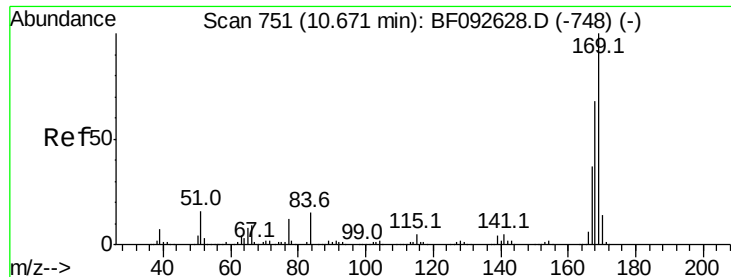
mohammad
2/9/2017 12:31:31 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 56.68 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	27.7	6.7	46.7
105	30.7	16.6	56.6





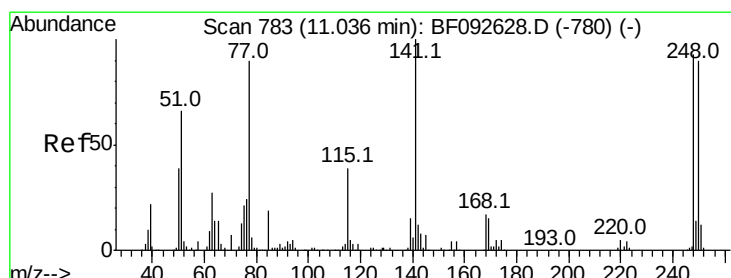
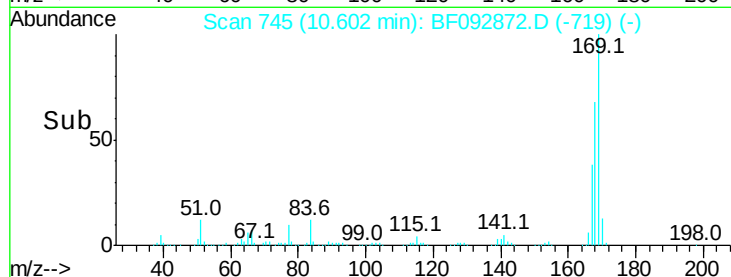
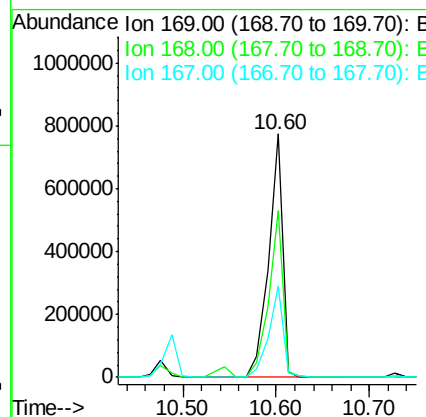
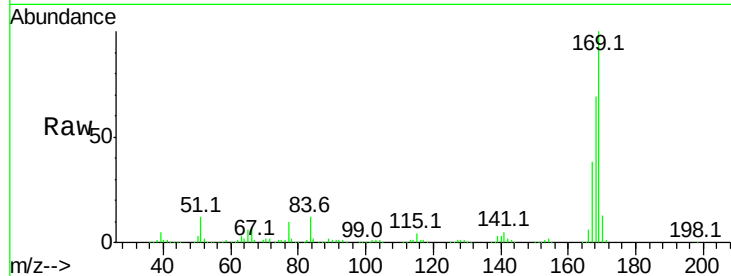
#65
n-Nitrosodiphenylamine
Concen: 46.14 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.6	54.2	81.2	
167	37.6	30.2	45.4	

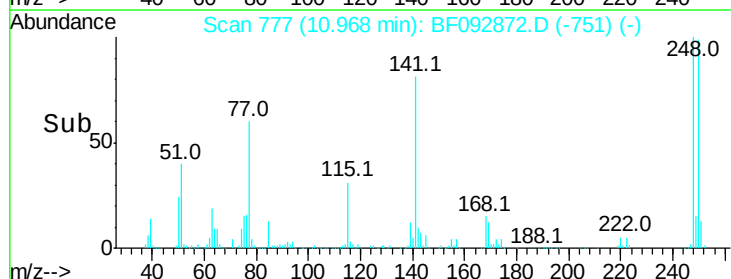
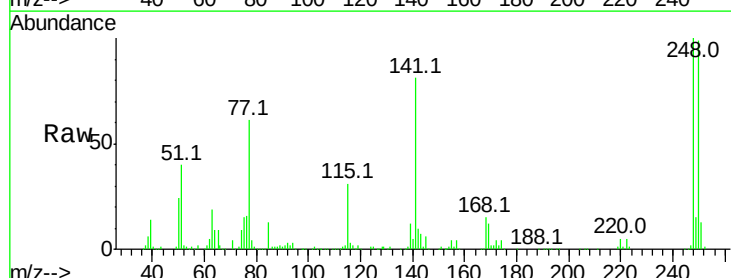
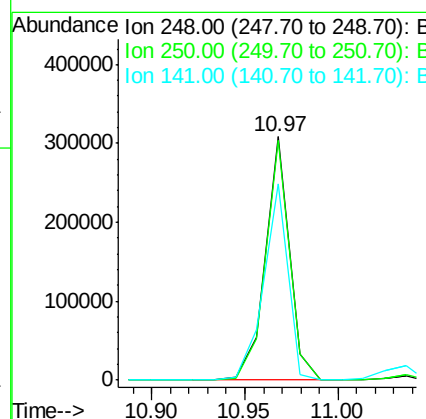
Manual Integrations
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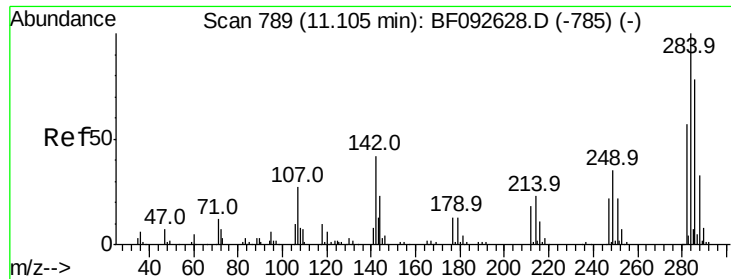
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 46.52 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.7	76.9	115.3	
141	80.7	68.2	102.4	





#67

Hexachlorobenzene

Concen: 49.13 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

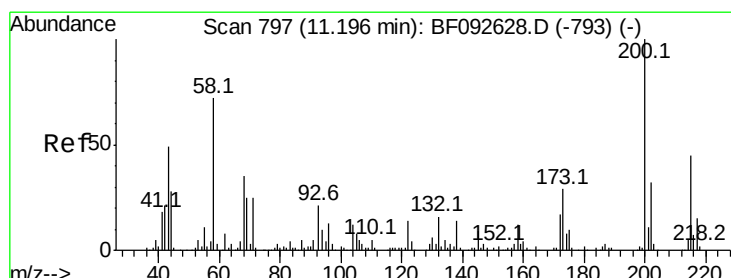
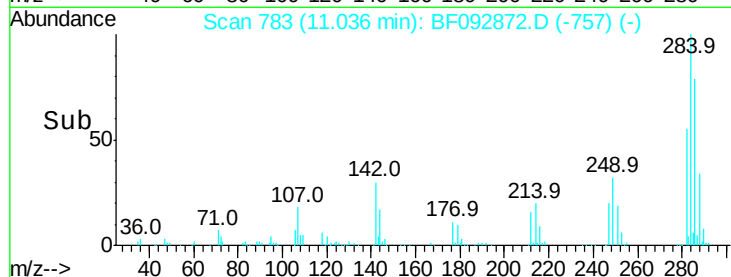
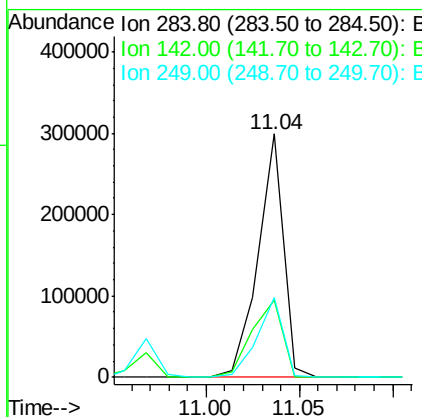
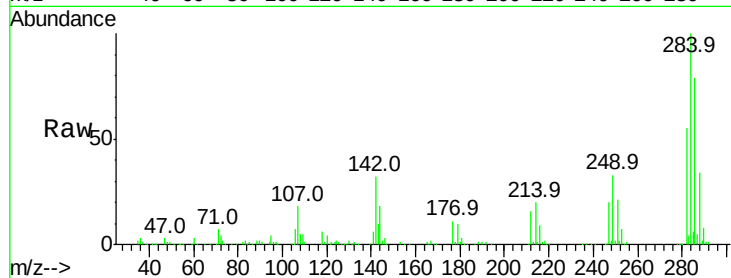
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	284	Resp:	285471
Ion Ratio	Lower	Upper	
284	100		
142	31.6	22.6	33.8
249	32.8	25.4	38.0

Manual Integrations
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#68

Atrazine

Concen: 37.95 ng

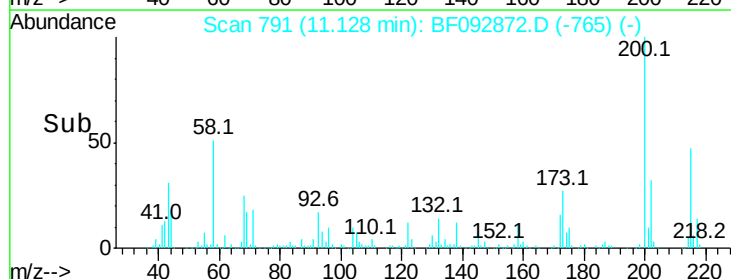
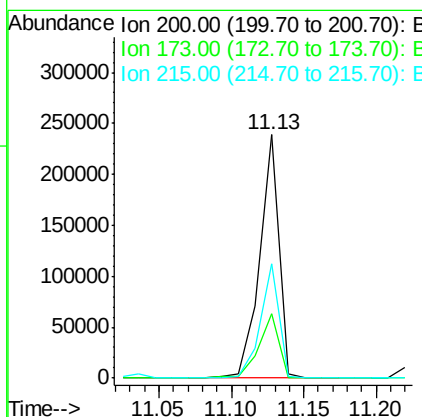
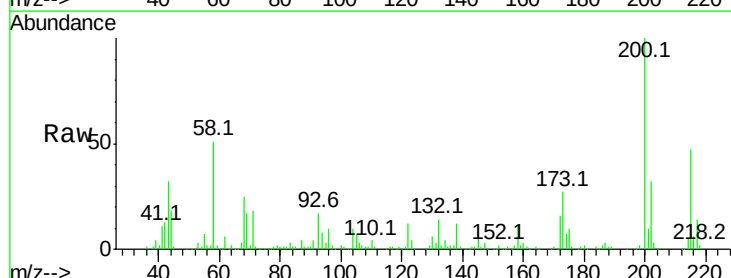
RT: 11.13 min Scan# 791

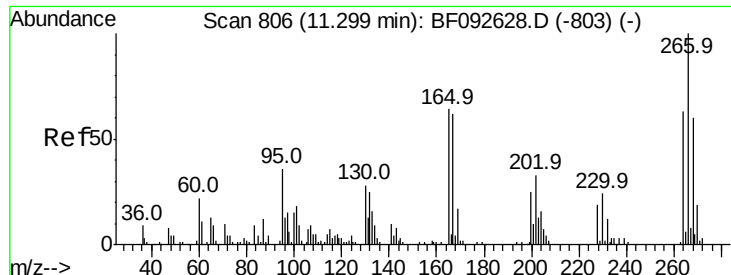
Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	200	Resp:	218942
Ion Ratio	Lower	Upper	
200	100		
173	26.7	9.6	49.6
215	46.8	25.7	65.7





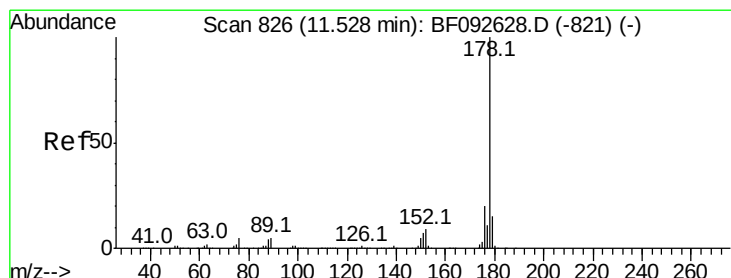
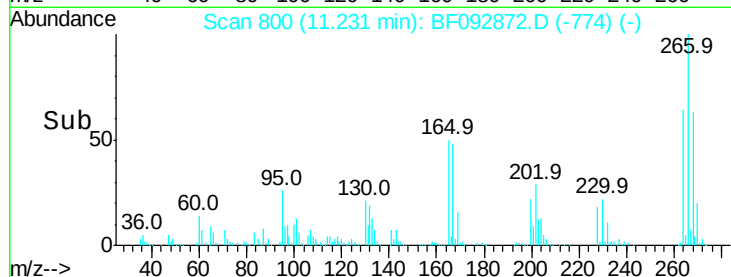
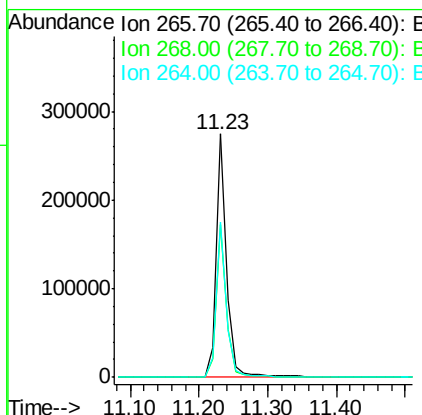
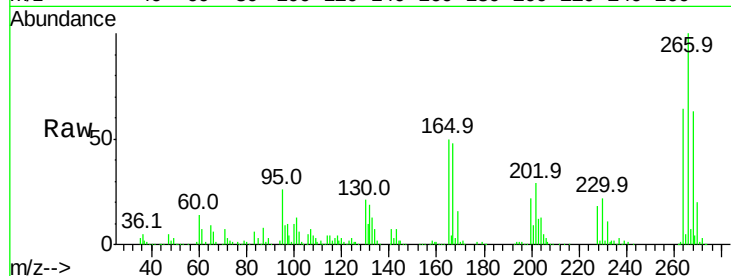
#69
 Pentachlorophenol
 Concen: 96.84 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	295450		
268	62.8	53.3	79.9	
264	64.0	50.3	75.5	

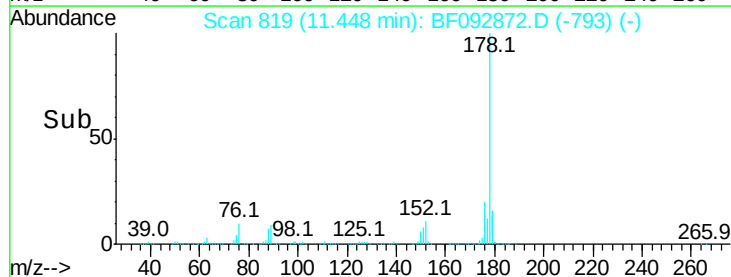
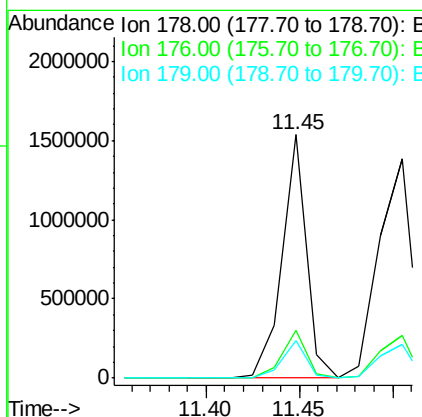
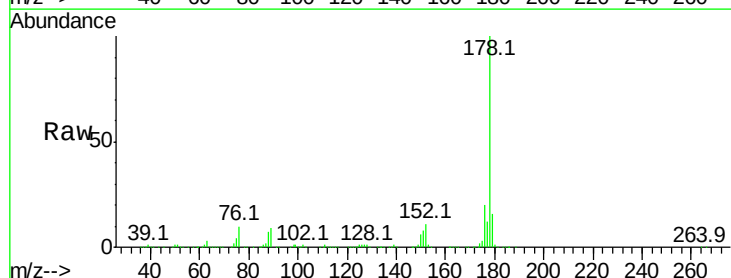
Manual Integrations
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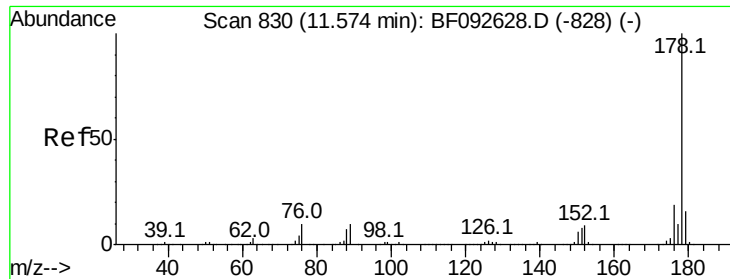
mohammad
 2/9/2017 12:31:31 PM



#70
 Phenanthrene
 Concen: 43.47 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1401625		
176	19.8	16.6	25.0	
179	15.6	12.8	19.2	





#71
 Anthracene
 Concen: 50.38 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

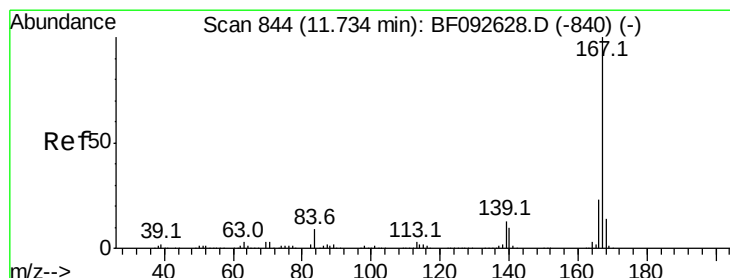
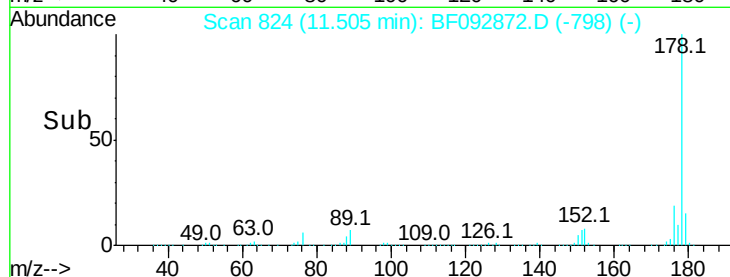
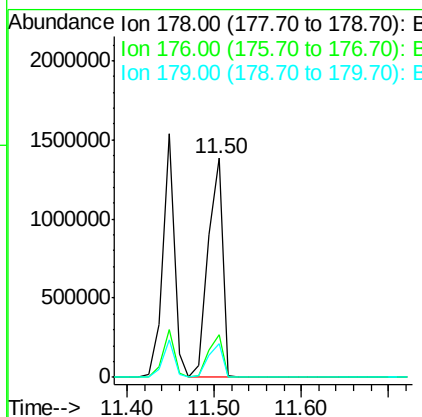
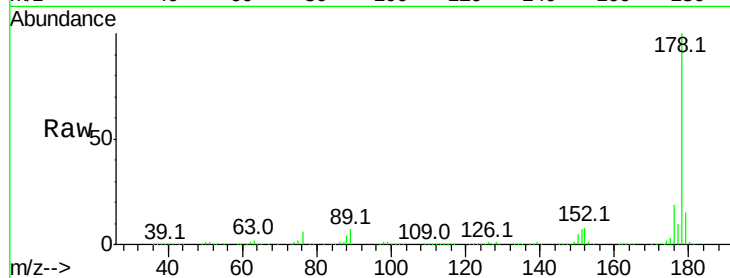
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion:178 Resp: 1631045

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.1	13.2	19.8

Manual Integrations
 APPROVED

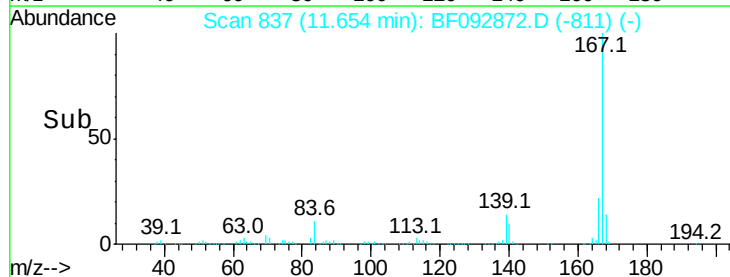
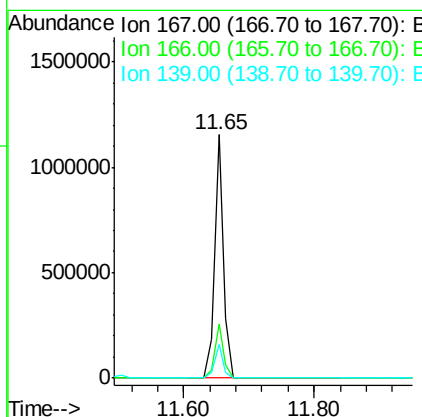
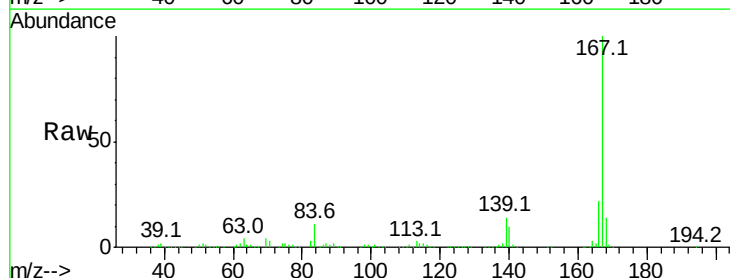
mohammad
 2/9/2017 12:31:31 PM

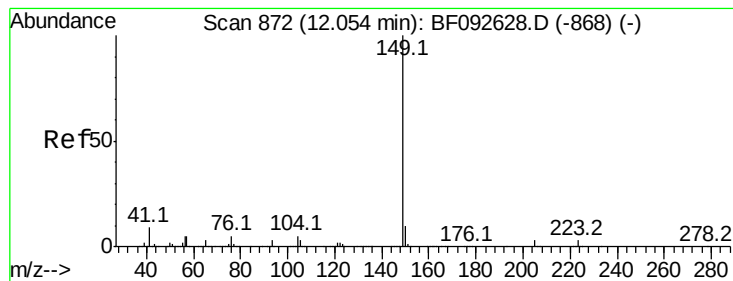


#72
 Carbazole
 Concen: 36.30 ng
 RT: 11.65 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion:167 Resp: 1123585

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.2
139	13.6	11.4	17.2





#73

Di-n-butylphthalate

Concen: 53.52 ng

RT: 11.99 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:149 Resp: 1791525

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

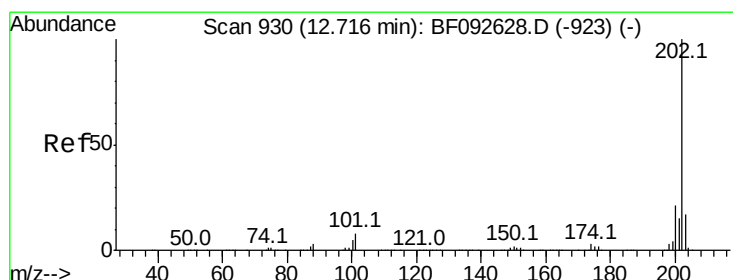
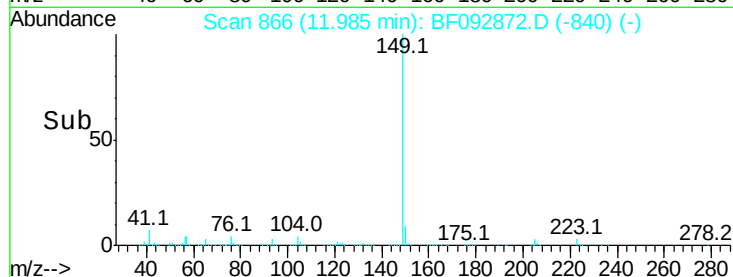
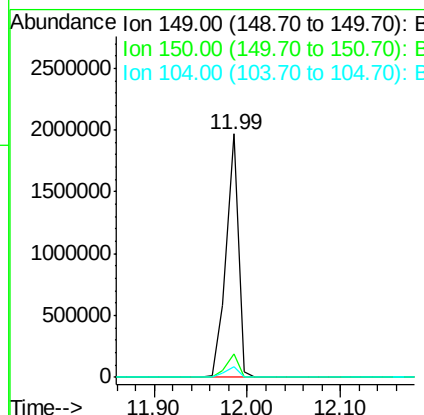
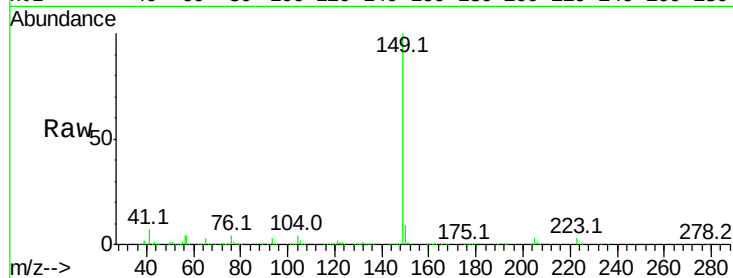
104 4.1 4.6 7.0#

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#74

Fluoranthene

Concen: 45.44 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

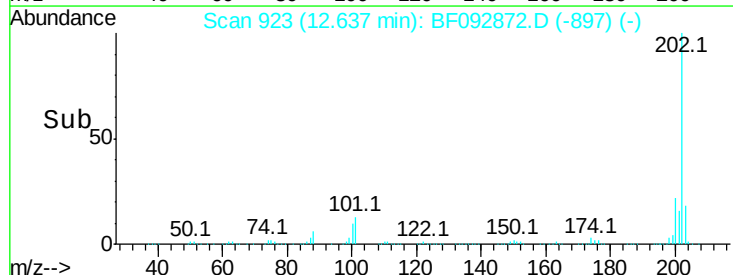
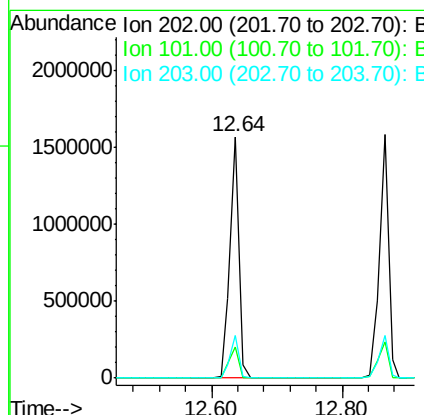
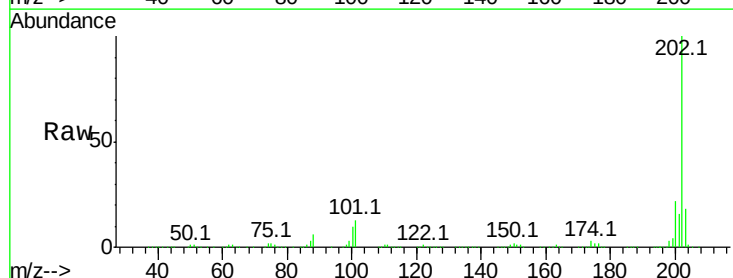
Tgt Ion:202 Resp: 1511344

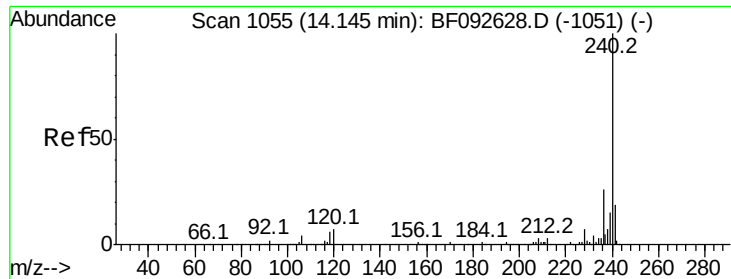
Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.6

203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

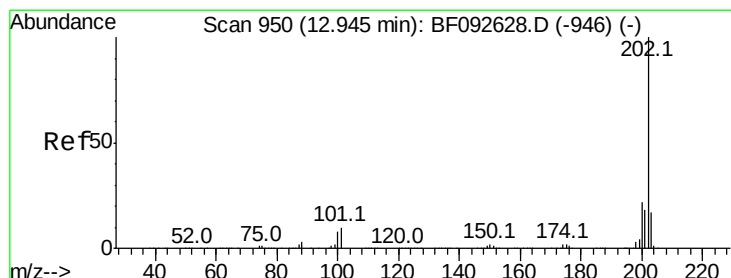
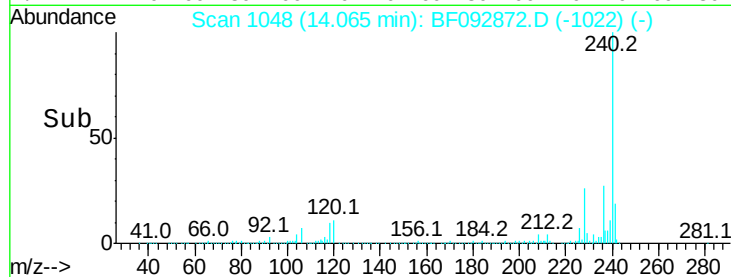
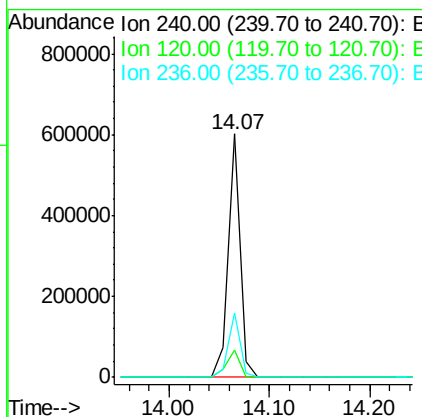
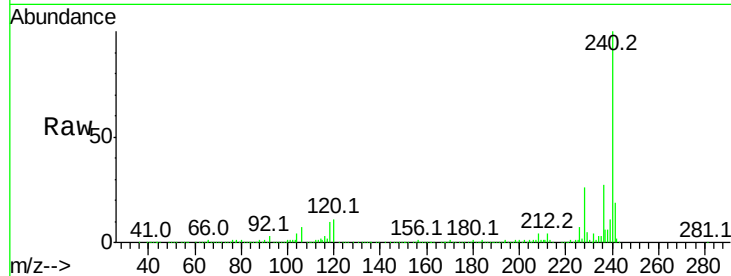
ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:	240	Resp:	495391
Ion Ratio	Lower	Upper	
240	100		
120	11.2	12.9	19.3#
236	26.6	20.9	31.3

Manual Integrations
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2/9/2017 12:31:31 PM



#77

Pyrene

Concen: 41.23 ng

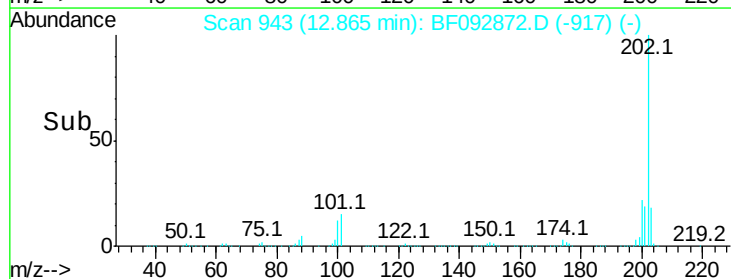
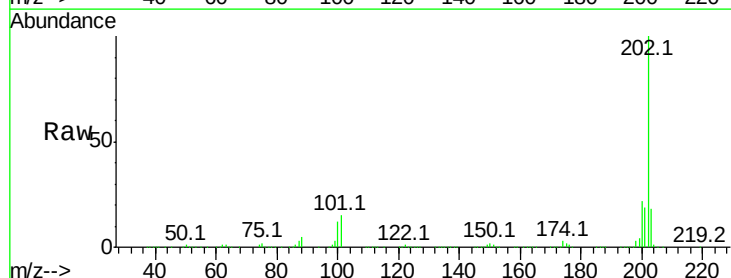
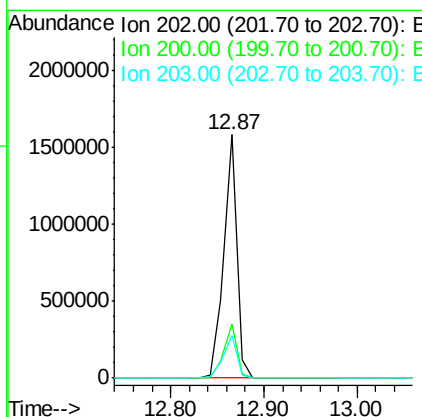
RT: 12.87 min Scan# 943

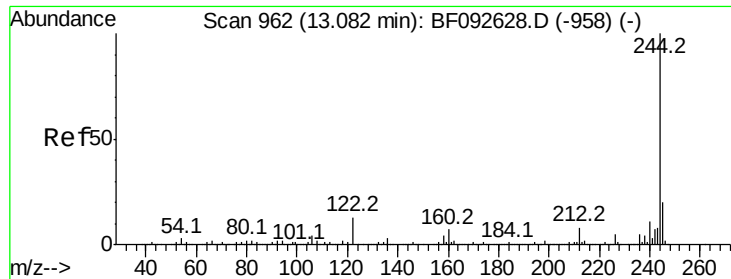
Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Tgt Ion:	202	Resp:	1528363
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.7	26.5
203	17.8	14.7	22.1





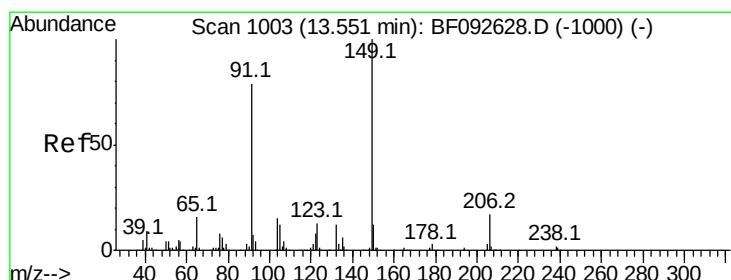
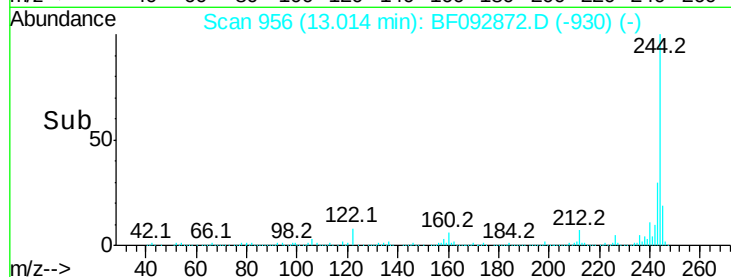
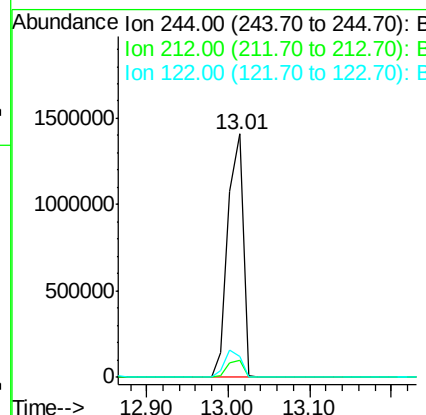
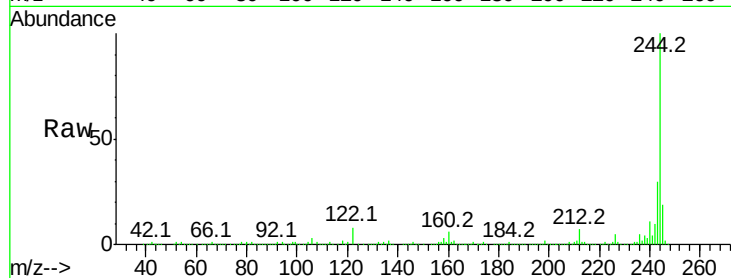
#78
 Terphenyl-d14
 Concen: 86.61 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.4	11.4	17.2#

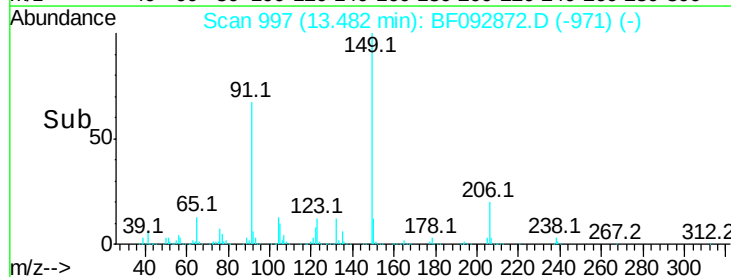
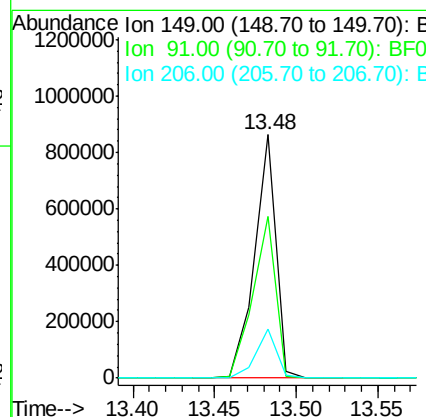
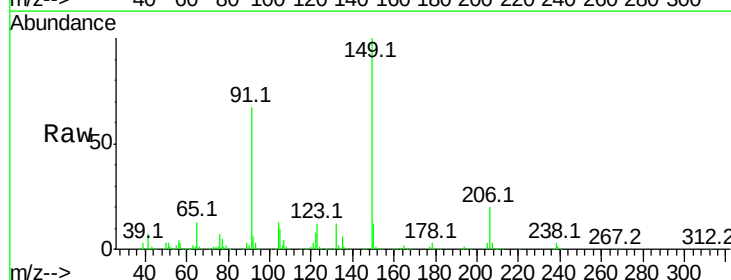
Manual Integrations
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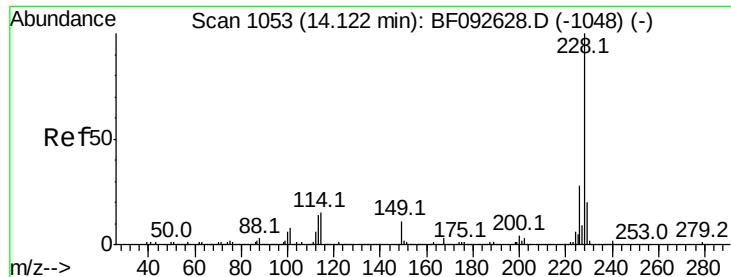
mohammad
 2/9/2017 12:31:31 PM



#79
 Butylbenzylphthalate
 Concen: 52.21 ng
 RT: 13.48 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF092872.D
 Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.7	63.9	95.9
206	20.3	14.6	21.8





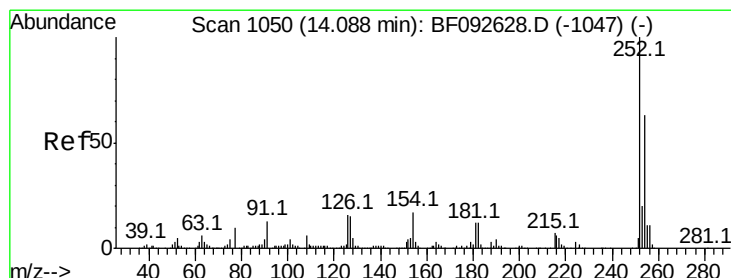
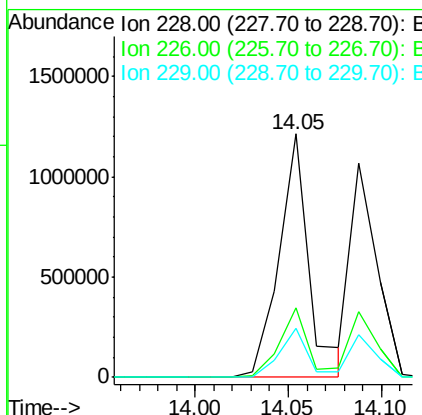
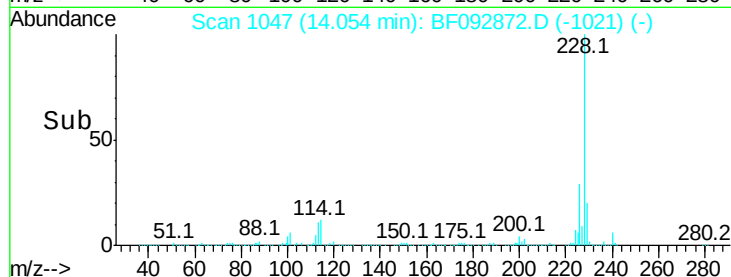
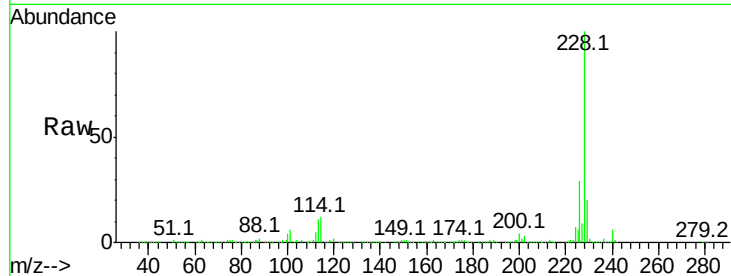
#80
Benzo(a)anthracene
Concen: 44.72 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion:228 Resp: 1355099
Ion Ratio Lower Upper
228 100
226 28.7 22.4 33.6
229 20.1 16.2 24.4

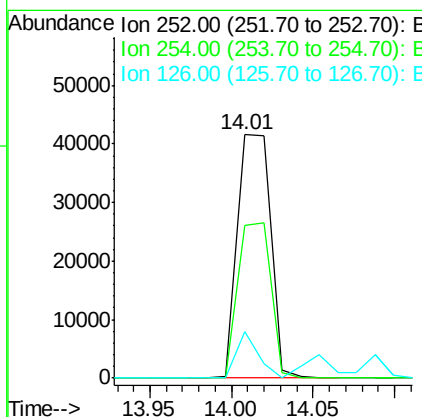
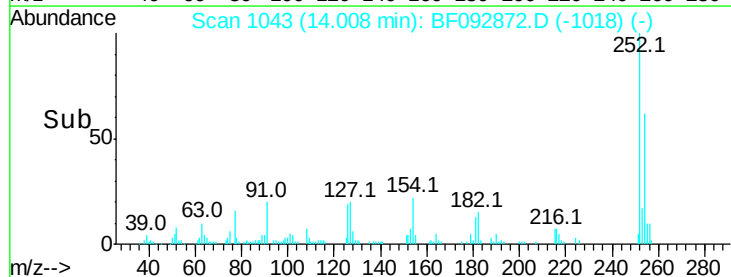
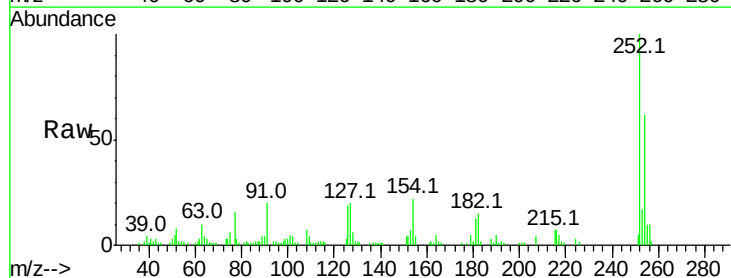
Manual Integrations
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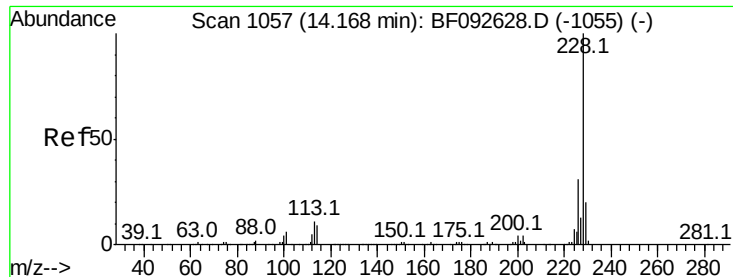
mohammad
2/9/2017 12:31:31 PM



#81
3,3'-Dichlorobenzidine
Concen: 5.41 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion:252 Resp: 58481
Ion Ratio Lower Upper
252 100
254 62.5 52.3 78.5
126 19.1 13.6 20.4





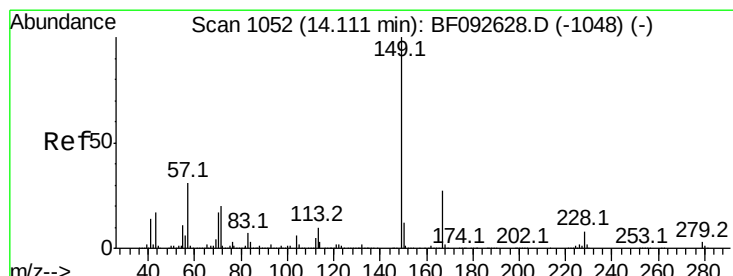
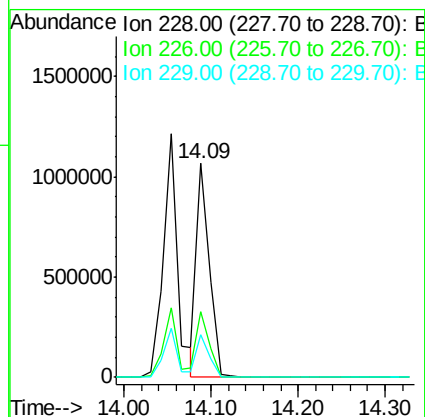
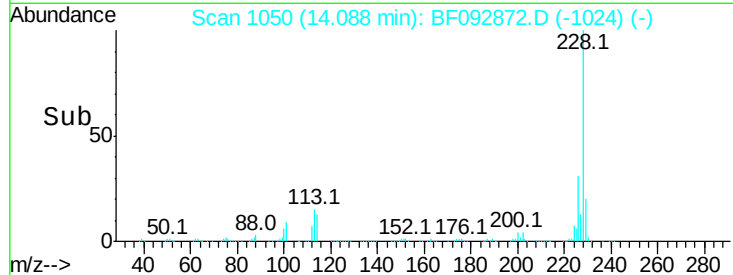
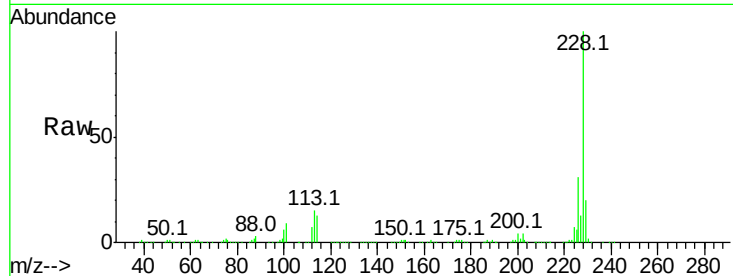
#82
Chrysene
Concen: 37.85 ng
RT: 14.09 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion:228 Resp: 1073853
Ion Ratio Lower Upper
228 100
226 30.6 25.4 38.0
229 20.2 16.2 24.2

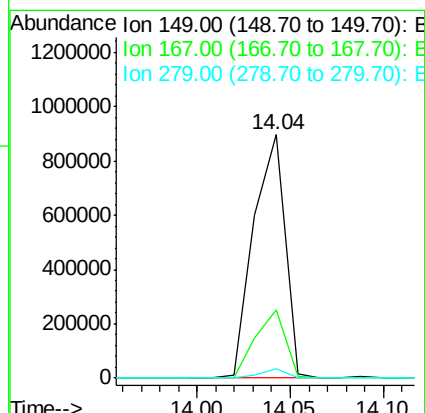
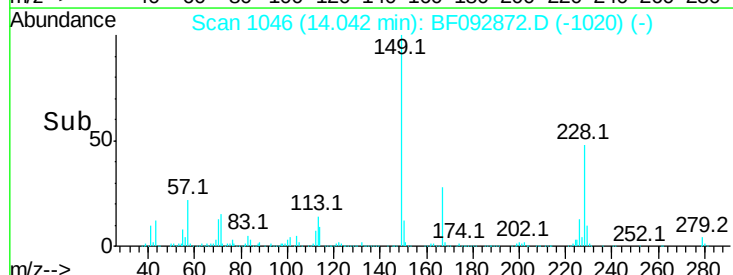
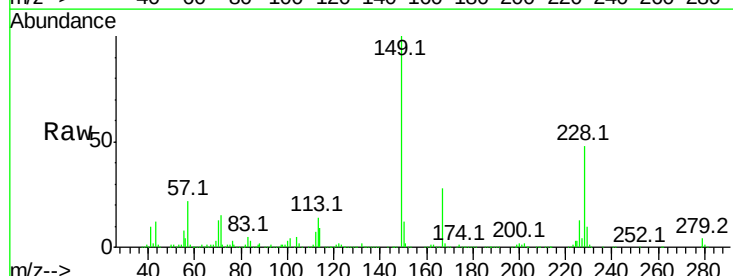
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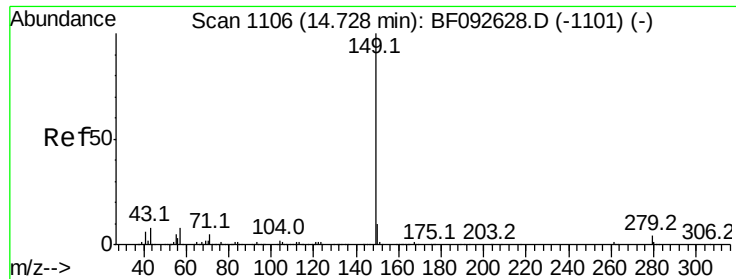
mohammad
2/9/2017 12:31:31 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 50.94 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion:149 Resp: 1048847
Ion Ratio Lower Upper
149 100
167 27.9 20.2 30.4
279 4.1 1.8 2.8#





#84

Di-n-octyl phthalate

Concen: 51.82 ng

RT: 14.65 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tot Ion:149 Resp: 1737422

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

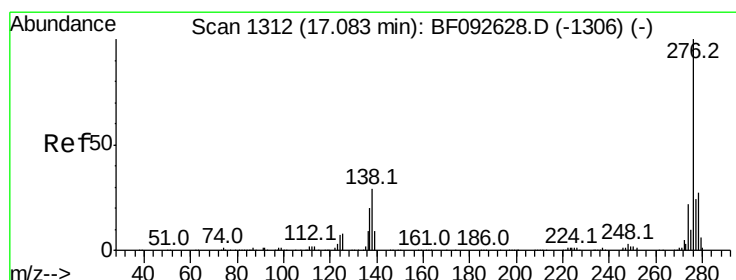
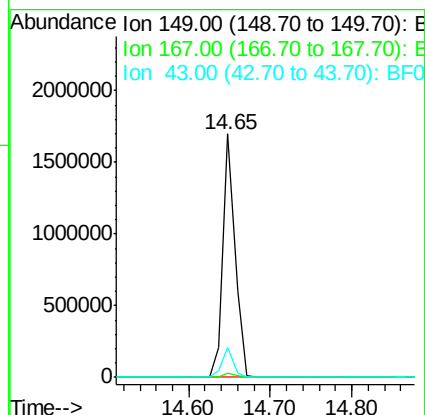
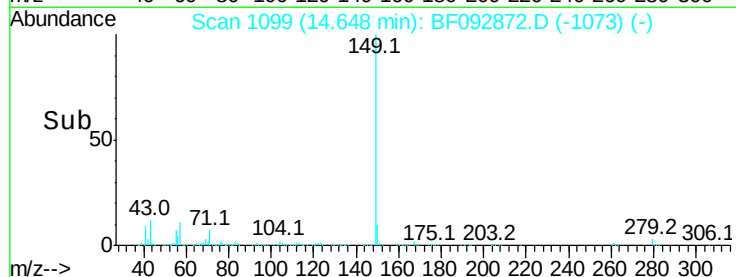
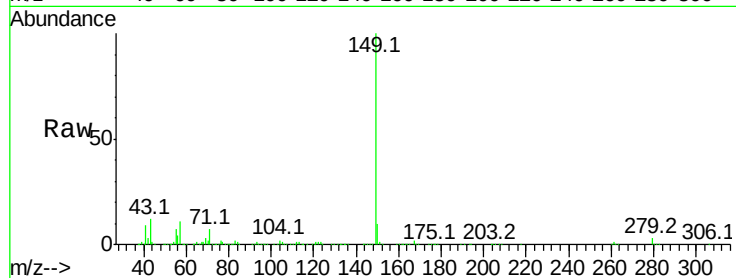
43 11.2 8.9 13.3

Manual Integrations

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#85

Indeno(1,2,3-cd)pyrene

Concen: 52.34 ng

RT: 16.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF092872.D

Acq: 8 Feb 2017 23:58

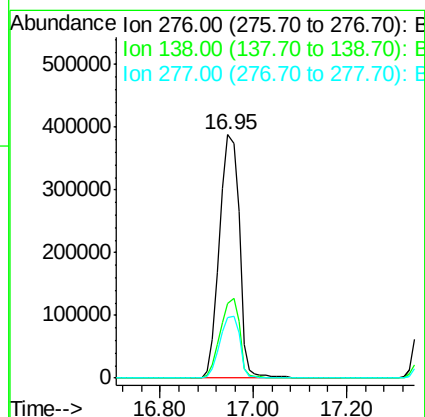
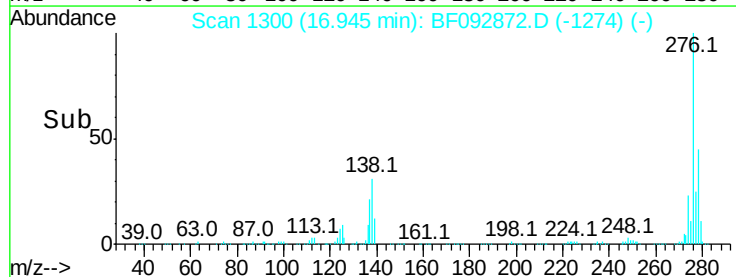
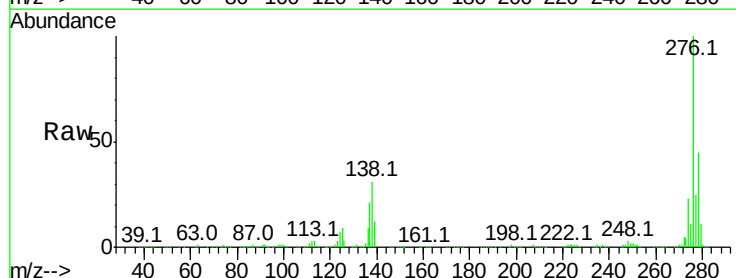
Tgt Ion:276 Resp: 1150010

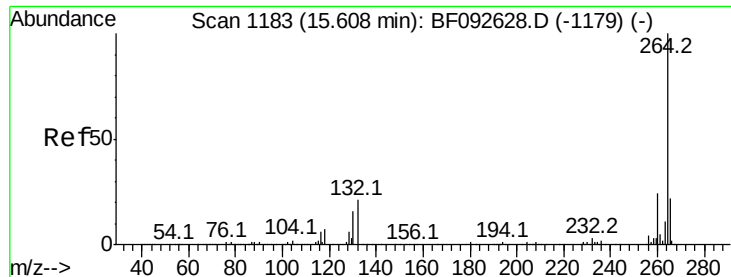
Ion Ratio Lower Upper

276 100

138 31.7 21.8 32.6

277 25.5 20.2 30.4





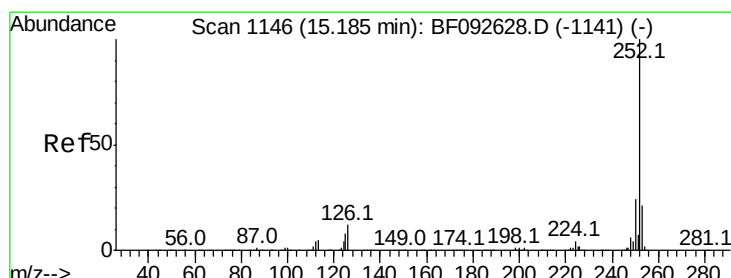
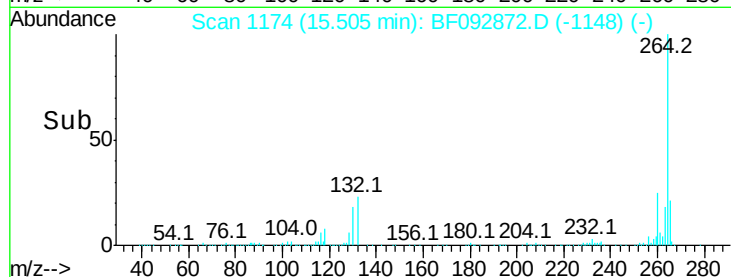
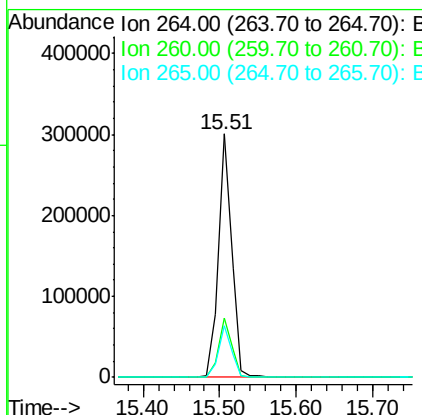
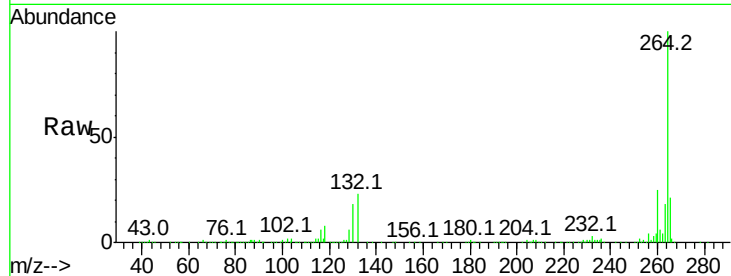
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.4	26.0

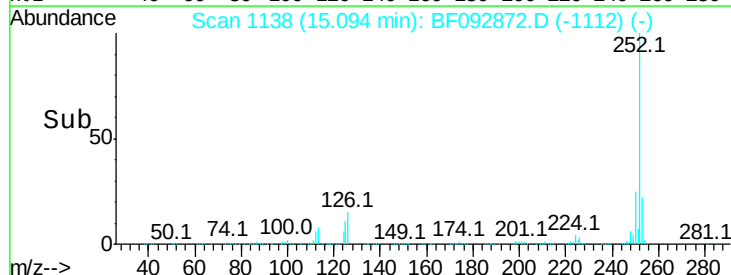
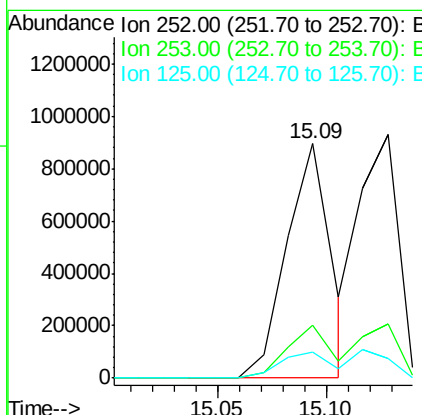
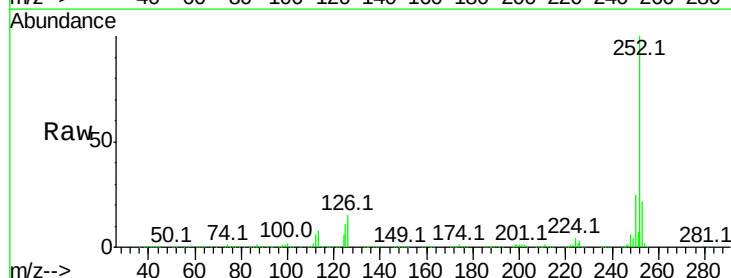
Manual Integrations
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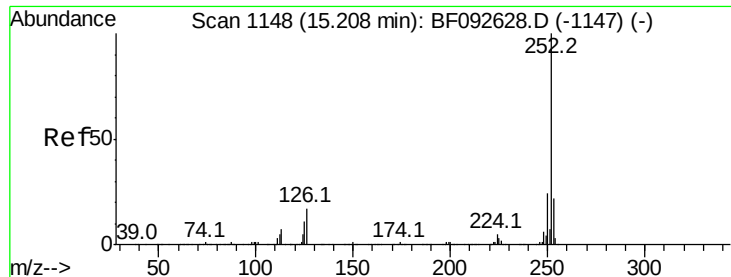
mohammad
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#87
Benzo(b)fluoranthene
Concen: 52.37 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.4	9.8	14.6





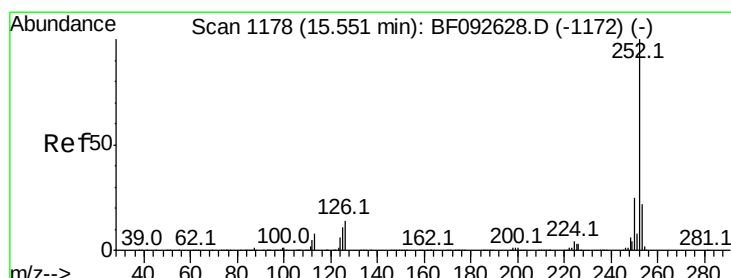
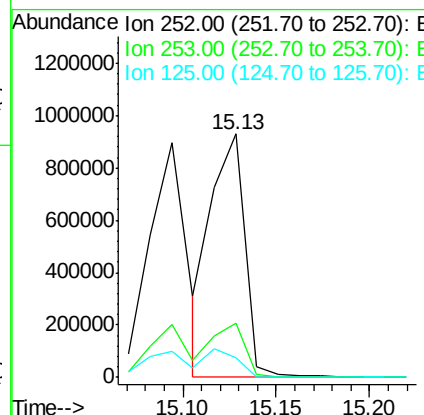
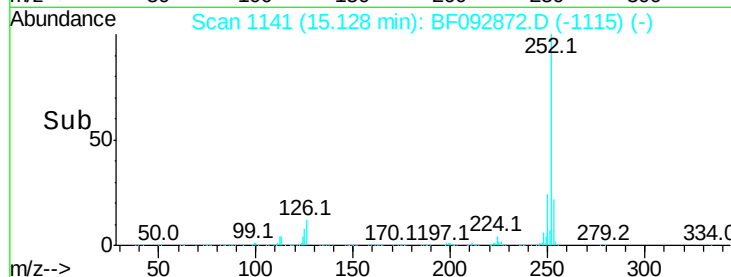
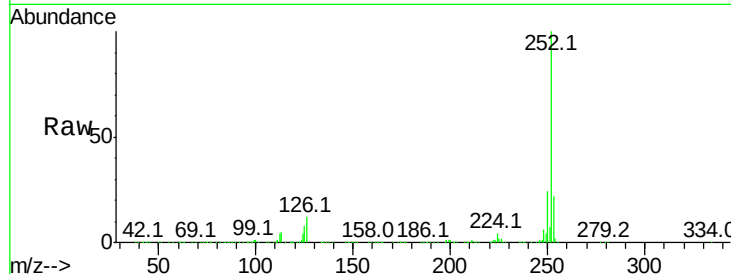
#88
Benzo(k)fluoranthene
Concen: 56.81 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion:252 Resp: 1182389
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 8.0 8.9 13.3#

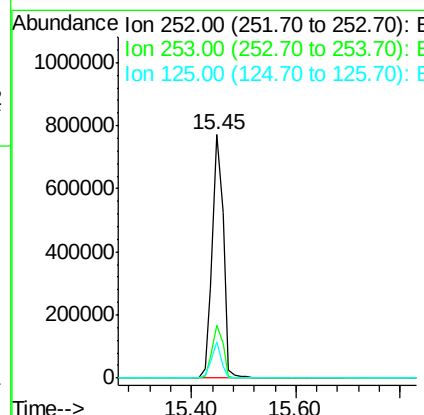
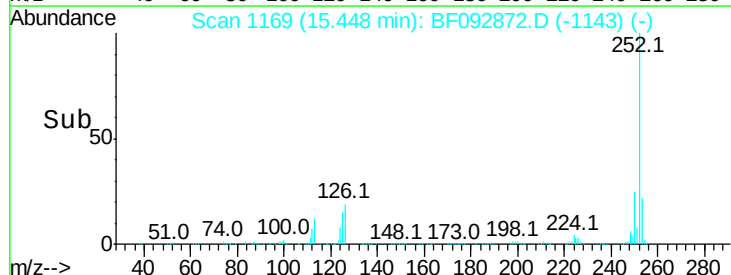
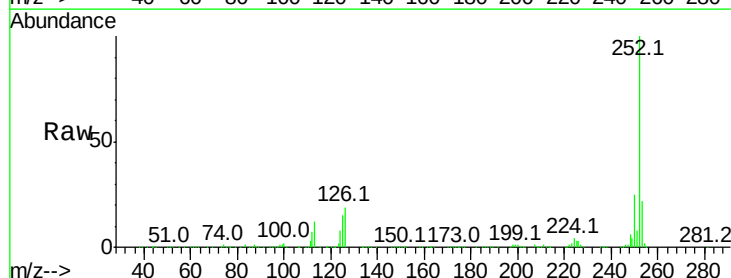
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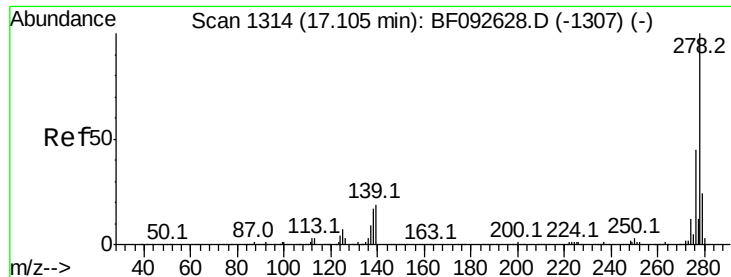
mohammad
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#89
Benzo(a)pyrene
Concen: 54.85 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion:252 Resp: 1143689
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 14.6 10.0 15.0





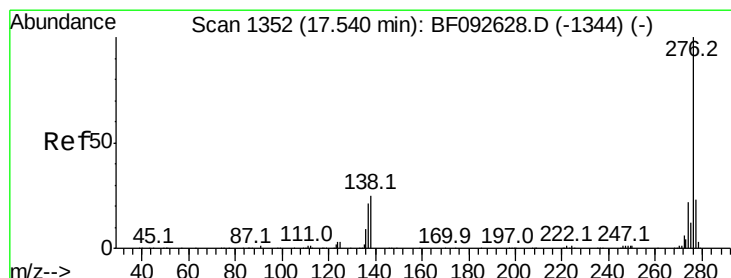
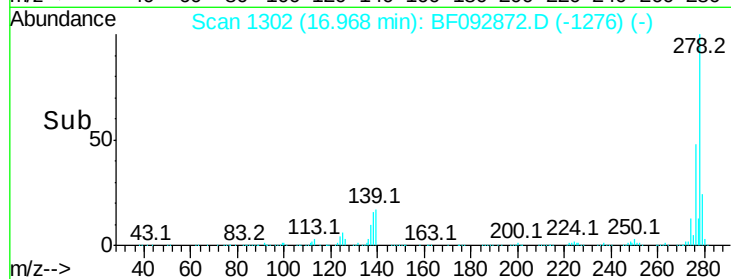
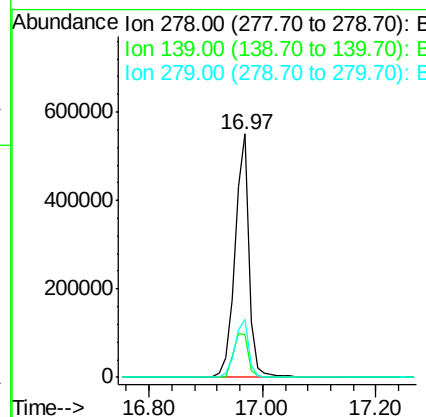
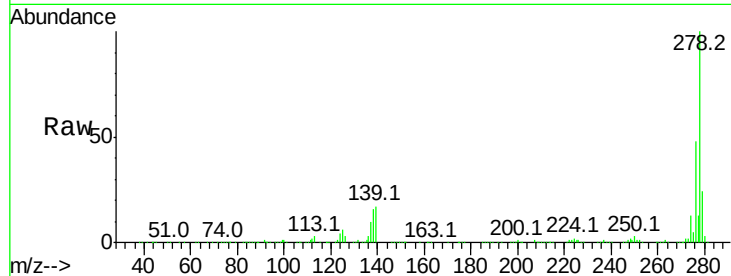
#90
Dibenzo(a,h)anthracene
Concen: 57.09 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.8	22.2
279	24.0	19.8	29.6

Manual Integrations
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2/9/2017 12:31:31 PM



#91
Benzo(g,h,i)perylene
Concen: 57.22 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF092872.D
Acq: 8 Feb 2017 23:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	28.9	16.0	24.0

