

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084704.D
 Acq On : 1 Feb 2016 12:30
 Operator : SJ/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:17:25 PM

Quant Time: Feb 01 13:13:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 13:00:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	176038	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	709934	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	352022	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	622875	20.00	ng	0.00
75) Chrysene-d12	13.87	240	478436	20.00	ng	0.00
86) Perylene-d12	15.24	264	390396	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	846282	72.57	ng	0.00
7) Phenol-d6	6.36	99	1041300	74.50	ng	0.00
23) Nitrobenzene-d5	7.29	82	1019890	80.29	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	307094	83.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1647972	69.58	ng	0.00
78) Terphenyl-d14	12.82	244	1614820	76.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.21	88	192779	35.45	ng	# 76
3) Pyridine	2.89	79	487083	33.62	ng	# 78
4) n-Nitrosodimethylamine	2.83	42	269657	38.07	ng	# 78
6) Aniline	6.37	93	672279	37.47	ng	# 72
8) 2-Chlorophenol	6.50	128	516146	39.90	ng	# 93
9) Benzaldehyde	6.26	77	336486	41.57	ng	# 94
10) Phenol	6.37	94	546283	35.07	ng	# 54
11) bis(2-Chloroethyl)ether	6.45	93	448575	37.02	ng	# 84
12) 1,3-Dichlorobenzene	6.65	146	508532m	36.69	ng	# 97
13) 1,4-Dichlorobenzene	6.73	146	511659	37.62	ng	# 97
14) 1,2-Dichlorobenzene	6.89	146	513857	41.03	ng	# 91
15) Benzyl Alcohol	6.86	79	373613	39.27	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.00	45	773710	37.31	ng	# 94
17) 2-Methylphenol	6.99	107	422842	42.17	ng	# 83
18) Hexachloroethane	7.23	117	209456	39.36	ng	# 73
19) n-Nitroso-di-n-propylamine	7.14	70	326213	38.21	ng	# 63
20) 3+4-Methylphenols	7.14	107	490250	40.29	ng	# 98
22) Acetophenone	7.13	105	731115	39.43	ng	# 93
24) Nitrobenzene	7.30	77	485662	35.97	ng	# 96
25) Isophorone	7.55	82	988192	41.52	ng	# 85
26) 2-Nitrophenol	7.62	139	262011	40.81	ng	# 96
27) 2,4-Dimethylphenol	7.66	122	432177	38.41	ng	# 98
28) bis(2-Chloroethoxy)methane	7.77	93	559931	39.20	ng	# 94
29) 2,4-Dichlorophenol	7.87	162	410841	41.75	ng	# 93
30) 1,2,4-Trichlorobenzene	7.95	180	435658	38.71	ng	# 99
31) Naphthalene	8.02	128	1332225	37.17	ng	# 94
32) Benzoic acid	7.80	122	296816	34.36	ng	# 99
33) 4-Chloroaniline	8.08	127	536100	36.78	ng	# 98
34) Hexachlorobutadiene	8.14	225	261398	39.31	ng	# 74
35) Caprolactam	8.46	113	138765	49.14	ng	# 94
36) 4-Chloro-3-methylphenol	8.57	107	419819	38.75	ng	# 98
37) 2-Methylnaphthalene	8.72	142	931525	42.34	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	405733	35.54	ng	# 96
40) Hexachlorocyclopentadiene	8.86	237	157705	30.38	ng	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	291793	41.15	nq	95
43) 2,4,5-Trichlorophenol	9.04	196	279909	38.23	nq	# 85
45) 1,1'-Biphenyl	9.18	154	1258351	39.00	nq	97
46) 2-Chloronaphthalene	9.21	162	897739	38.14	nq	# 87
47) 2-Nitroaniline	9.30	65	257399	36.41	nq	97
48) Acenaphthylene	9.62	152	1400231	39.26	nq	99
49) Dimethylphthalate	9.49	163	1079145	40.84	nq	# 91
50) 2,6-Dinitrotoluene	9.55	165	245652	42.26	nq	# 84
51) Acenaphthene	9.79	154	902379	37.78	nq	97
52) 3-Nitroaniline	9.72	138	252834	41.62	nq	# 62
53) 2,4-Dinitrophenol	9.82	184	99386	34.65	nq	90
54) Dibenzofuran	9.96	168	1117226	39.20	nq	100
55) 4-Nitrophenol	9.89	139	211797	47.47	nq	93
56) 2,4-Dinitrotoluene	9.95	165	301445	39.92	nq	# 91
57) Fluorene	10.30	166	947849	39.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	197625	35.70	nq	93
59) Diethylphthalate	10.19	149	1007980	38.97	nq	96
60) 4-Chlorophenyl-phenylether	10.29	204	405882	37.42	nq	93
61) 4-Nitroaniline	10.33	138	248075	43.15	nq	93
62) Azobenzene	10.45	77	986050	39.83	nq	89
64) 4,6-Dinitro-2-methylphenol	10.36	198	162585	39.96	nq	72
65) n-Nitrosodiphenylamine	10.42	169	854297	42.30	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	295432	42.11	nq	# 92
67) Hexachlorobenzene	10.84	284	286201	37.51	nq	# 78
68) Atrazine	10.94	200	235048	38.84	nq	99
69) Pentachlorophenol	11.05	266	147577	40.03	nq	98
70) Phenanthrene	11.25	178	1292473	37.53	nq	98
71) Anthracene	11.31	178	1489997	42.55	nq	99
72) Carbazole	11.47	167	1312589	43.49	nq	98
73) Di-n-butylphthalate	11.80	149	1485626	40.47	nq	# 96
74) Fluoranthene	12.44	202	1461159	42.91	nq	97
76) Benzidine	12.57	184	683200	37.55	nq	98
77) Pyrene	12.67	202	1529503	42.39	nq	100
79) Butylbenzylphthalate	13.30	149	707981	45.93	nq	96
80) Benzo(a)anthracene	13.86	228	1188250	39.84	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	463910	44.21	nq	# 97
82) Chrysene	13.89	228	1186296	40.35	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	848270	42.42	nq	98
84) Di-n-octyl phthalate	14.48	149	1405140	44.47	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.56	276	890027	34.24	nq	99
87) Benzo(b)fluoranthene	14.87	252	1059506m	41.91	nq	
88) Benzo(k)fluoranthene	14.89	252	842993m	40.37	nq	
89) Benzo(a)pyrene	15.20	252	902822	41.29	nq	# 98
90) Dibenzo(a,h)anthracene	16.57	278	741234	37.61	nq	97
91) Benzo(g,h,i)perylene	16.95	276	747139	37.55	nq	99

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

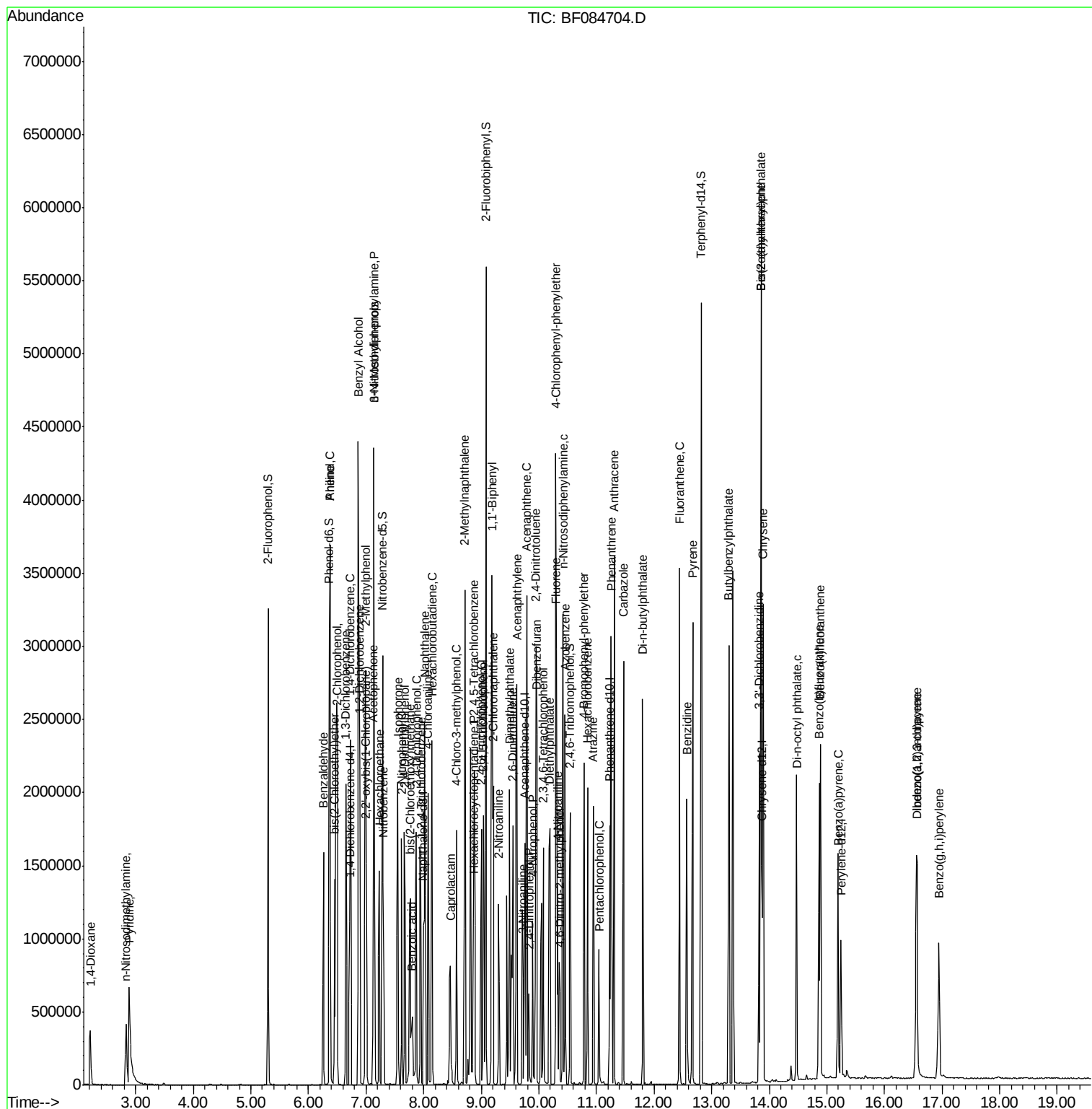
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Operator  : SJ/IZ  
Sample    : SSTDICCC040  
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ALS Vial  : 5 Sample Multiplier: 1
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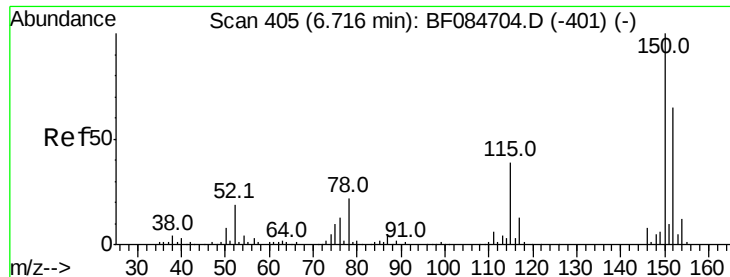
Instrument :
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ClientSampleId :
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#1

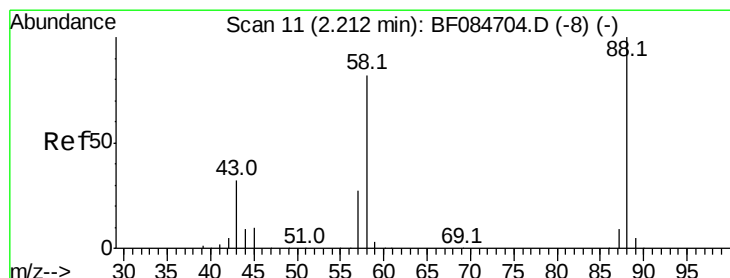
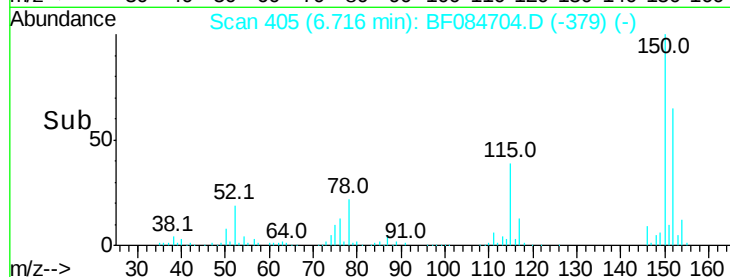
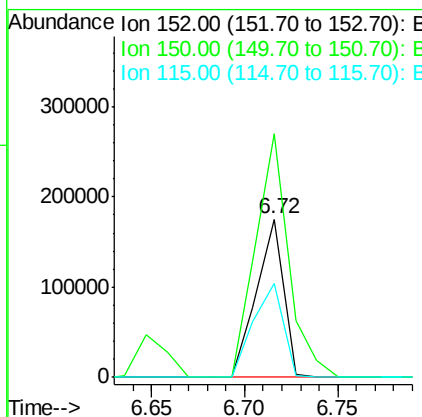
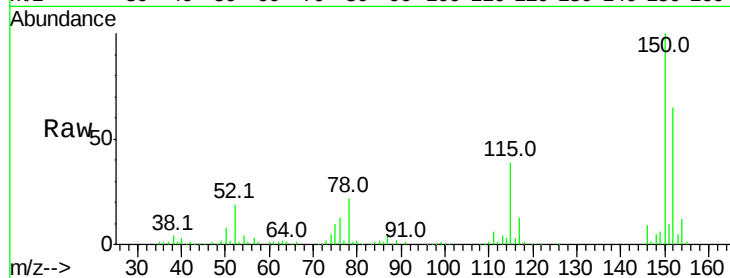
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.0	184.4
115	59.4	51.4	77.2

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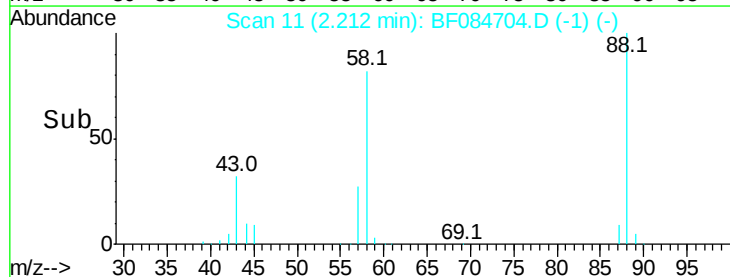
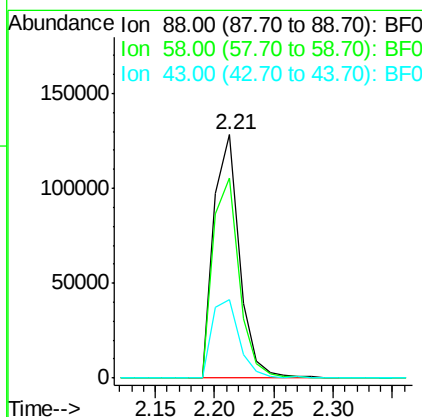
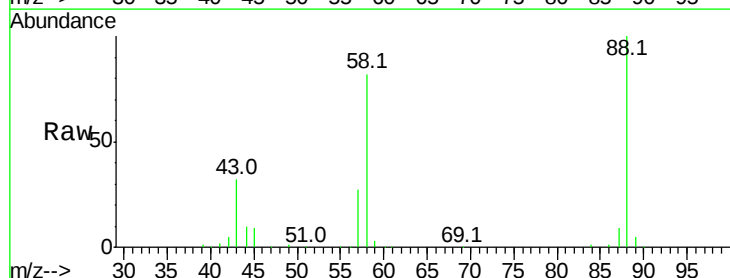
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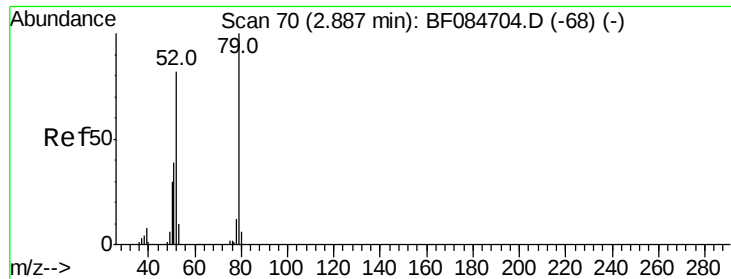


#2

1,4-Dioxane
Concen: 35.45 ng
RT: 2.21 min Scan# 11
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	51.2	76.8#
43	34.8	19.5	29.3#





#3

Pvridine

Concen: 33.62 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

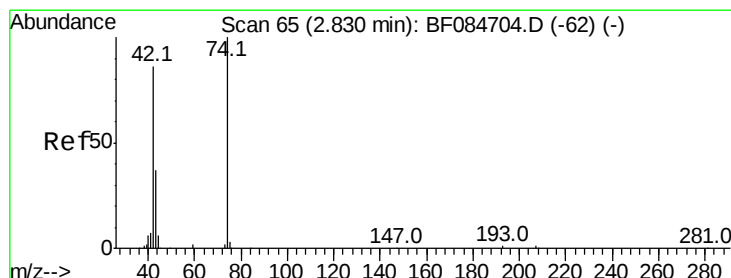
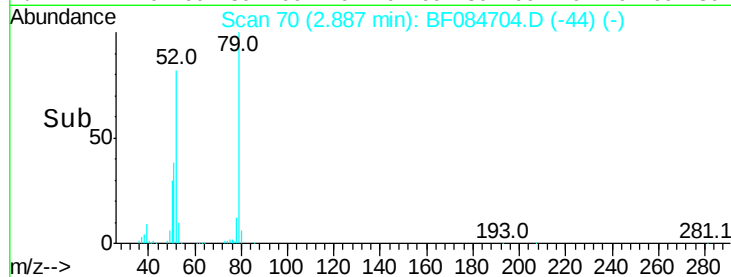
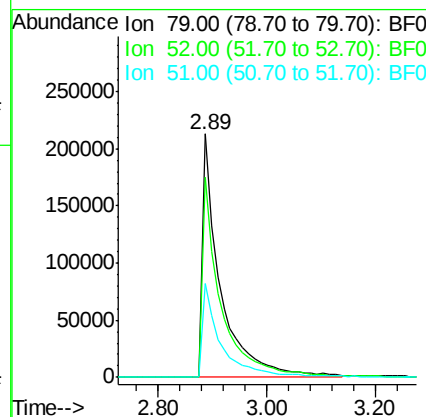
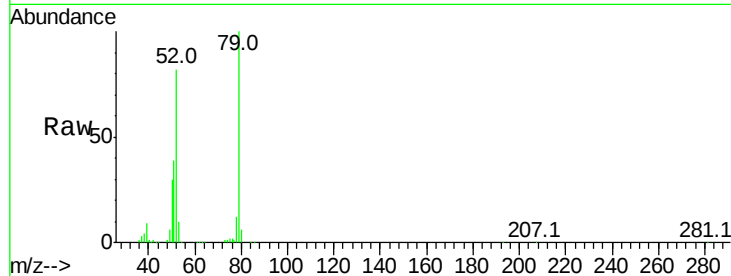
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	487083
Ion Ratio	Lower	Upper	
79	100		
52	82.1	49.0	73.4#
51	38.6	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 38.07 ng

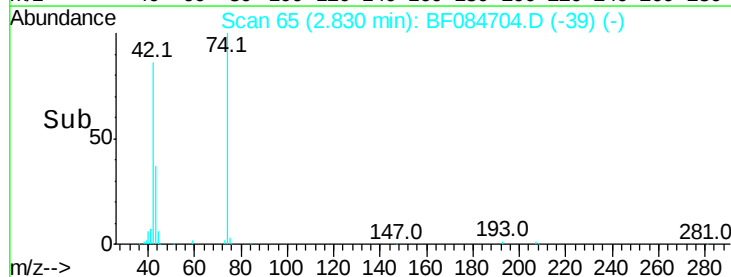
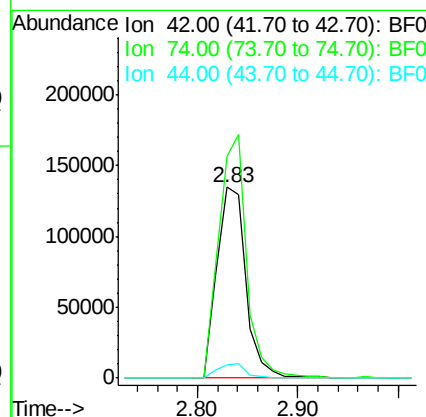
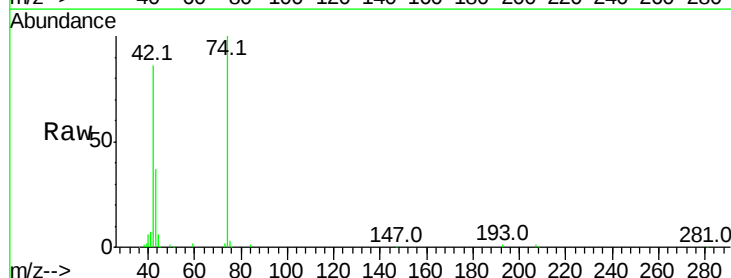
RT: 2.83 min Scan# 65

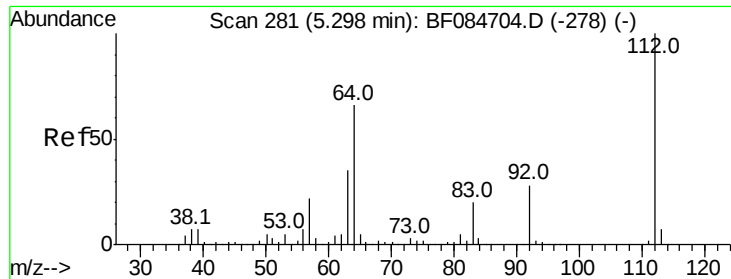
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:	42	Resp:	269657
Ion Ratio	Lower	Upper	
42	100		
74	116.6	115.7	173.5
44	7.0	5.1	7.7





#5

2-Fluorophenol

Concen: 72.57 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

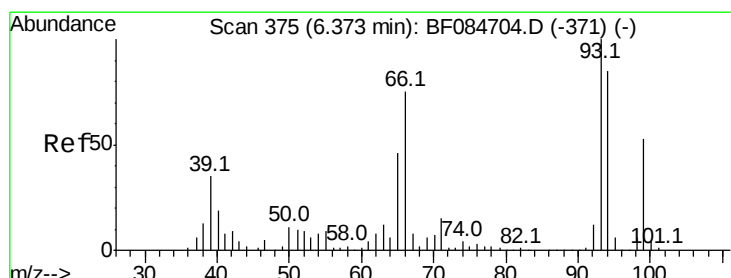
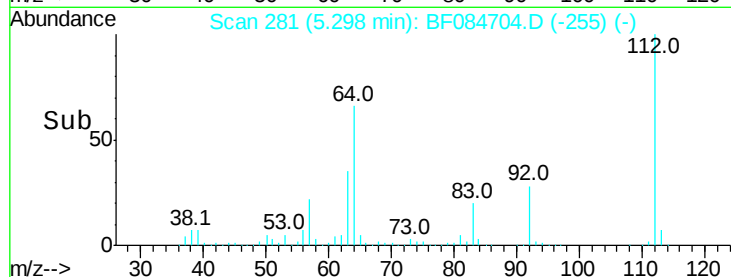
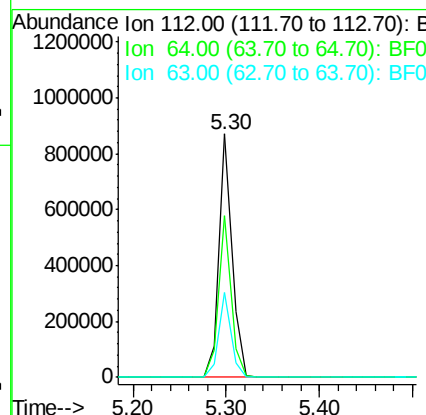
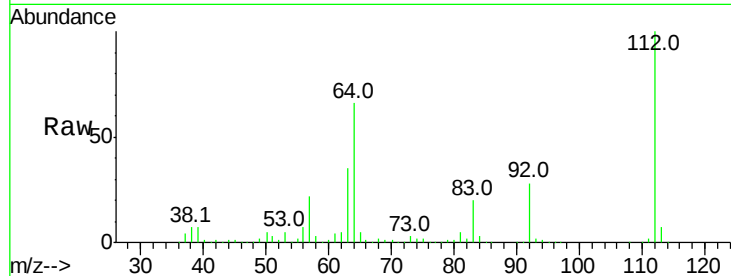
ClientSampleId :

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Tot Ion:	112	Resp:	846282
Ion Ratio	Lower	Upper	
112	100		
64	66.3	36.6	55.0#
63	34.8	19.4	29.0#

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#6

Aniline

Concen: 37.47 ng

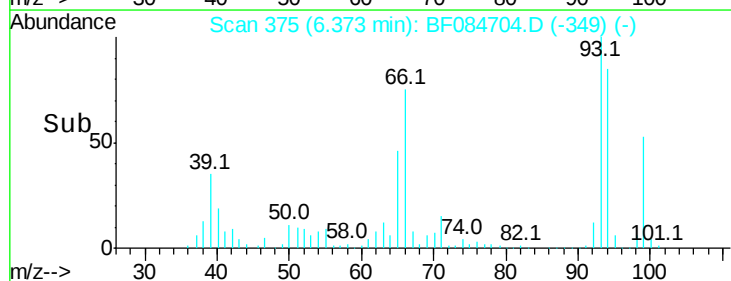
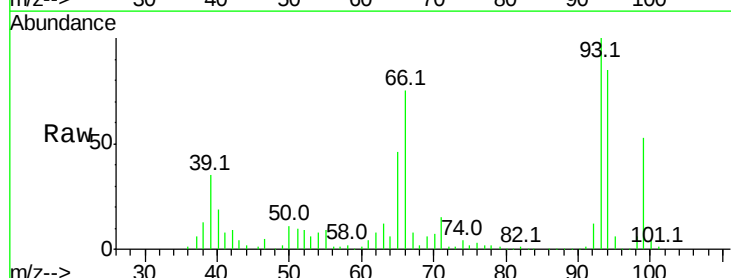
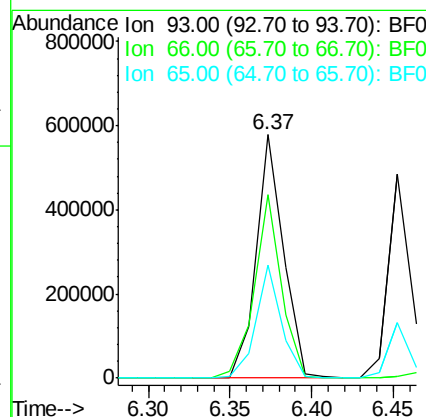
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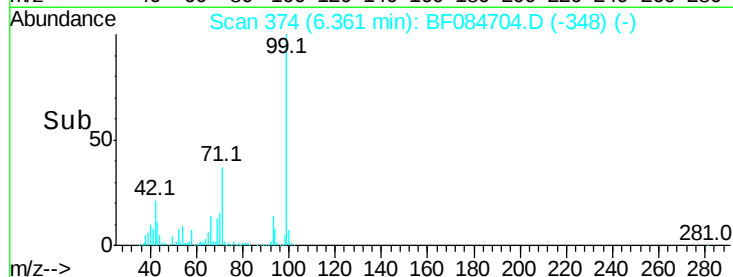
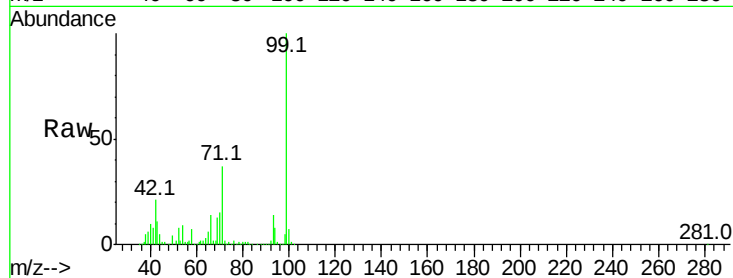
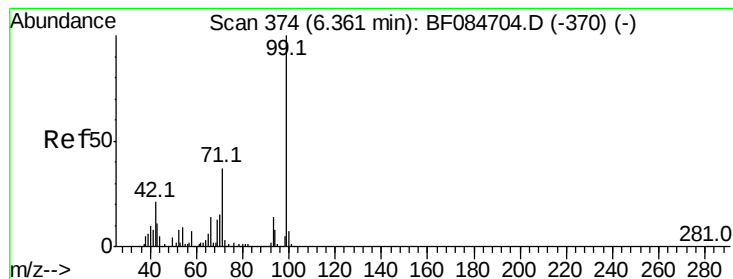
Delta R.T. 0.00 min

Lab File: BF084704.D

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Tgt Ion:	93	Resp:	672279
Ion Ratio	Lower	Upper	
93	100		
66	75.1	44.9	67.3#
65	46.3	23.7	35.5#





#7

Phenol-d6

Concen: 74.50 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tot Ion:	99	Resp:	1041300
Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	36.5	30.9	46.3

Instrument :

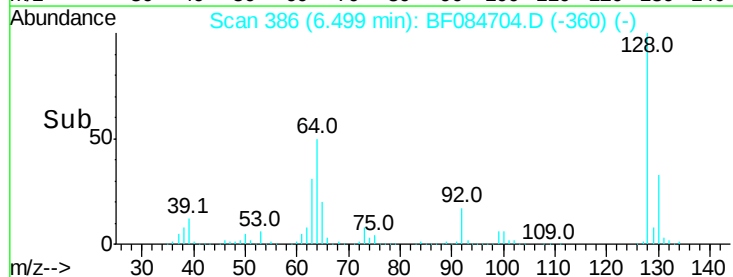
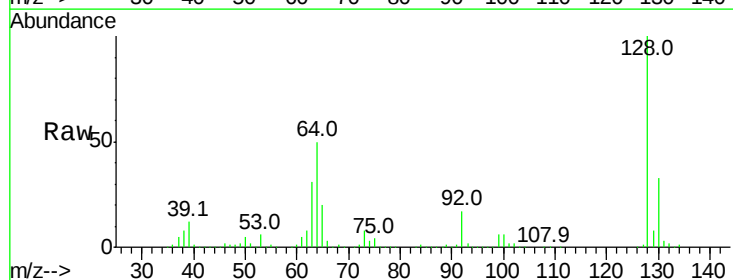
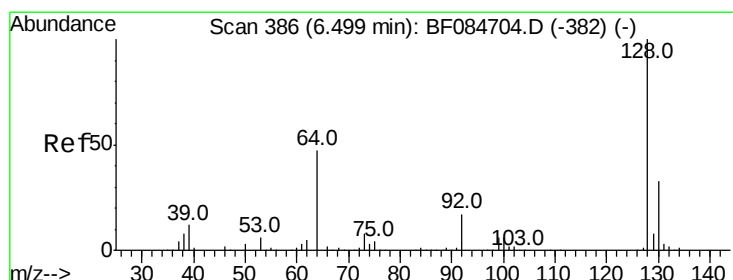
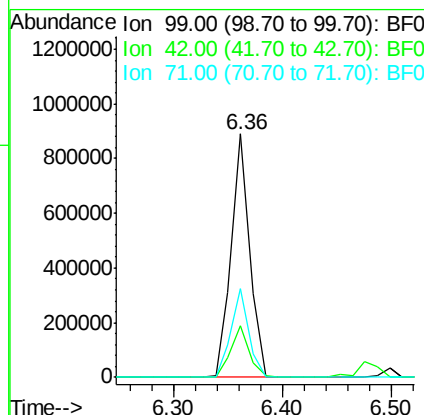
BNA_F

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SSTDICCC040

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#8

2-Chlorophenol

Concen: 39.90 ng

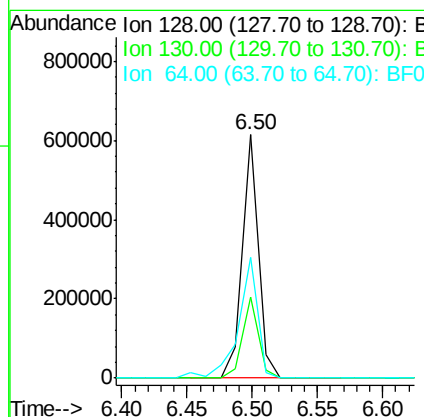
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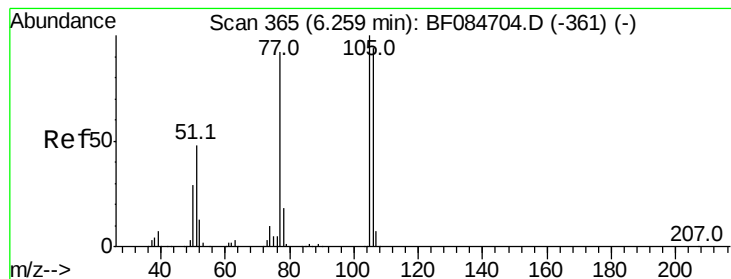
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:	128	Resp:	516146
Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.6	51.6
64	49.8	23.8	63.8





#9

Benzaldehyde

Concen: 41.57 ng

RT: 6.26 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

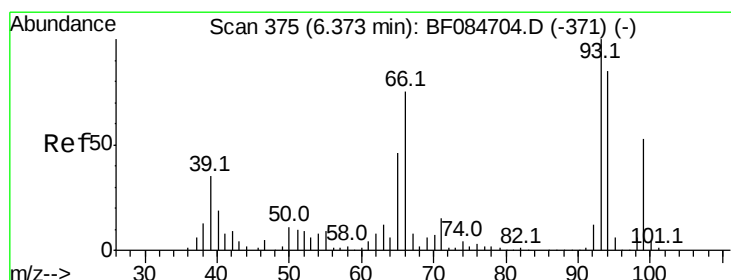
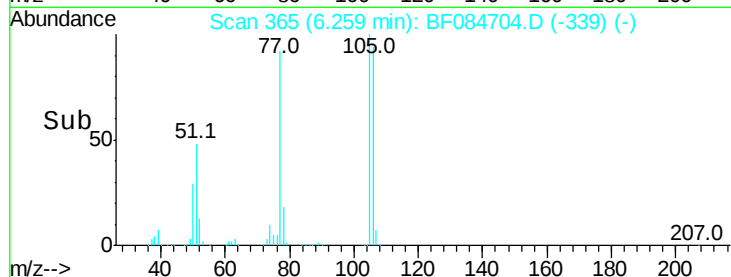
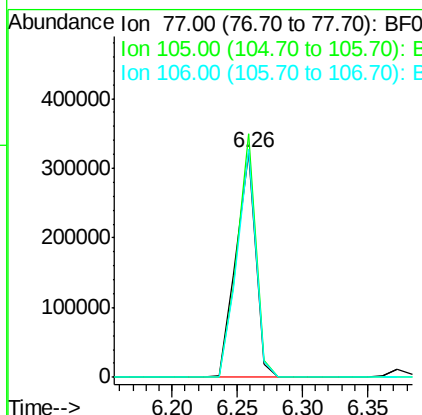
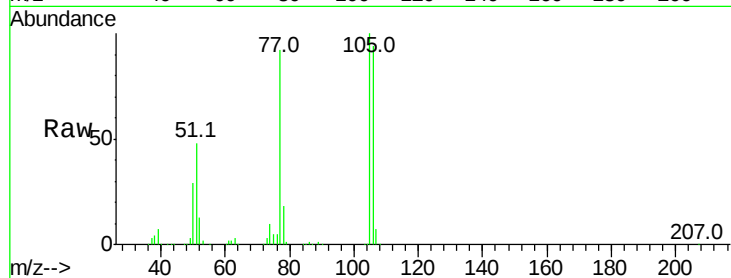
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Tot Ion	Ratio	Lower	Upper
77	100		
105	108.5	83.0	123.0
106	101.5	74.6	114.6



#10

Phenol

Concen: 35.07 ng

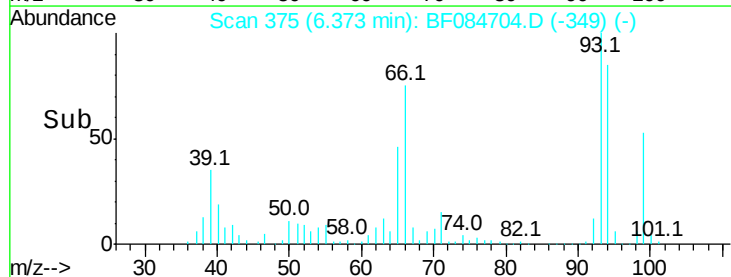
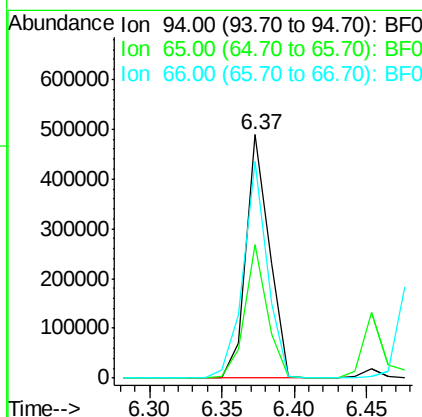
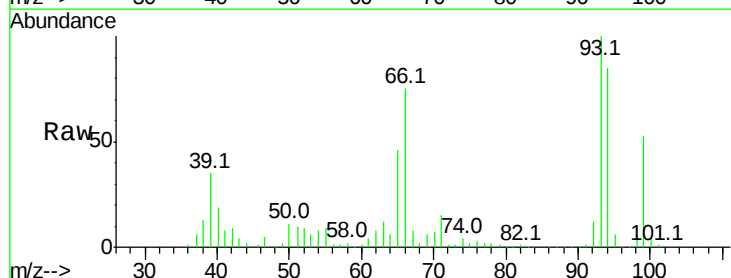
RT: 6.37 min Scan# 375

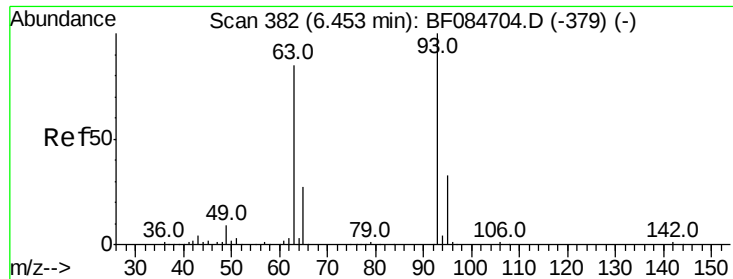
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	54.8	12.9	52.9#
66	88.9	32.7	72.7#





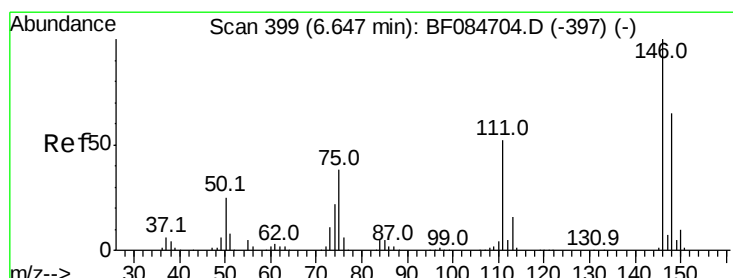
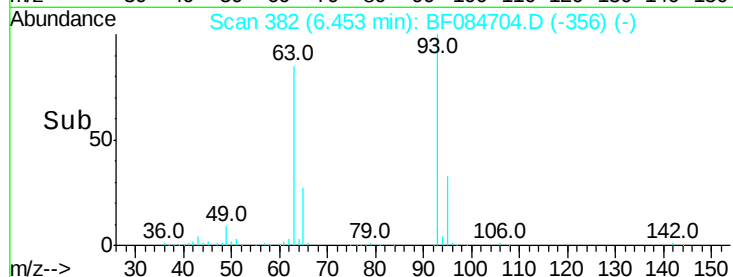
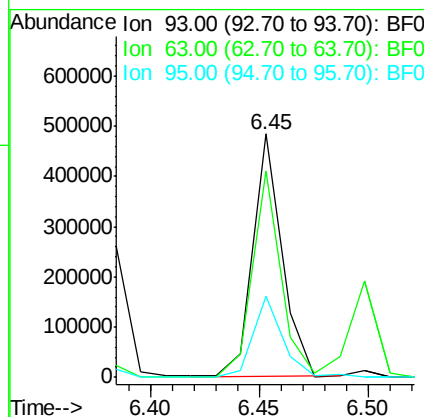
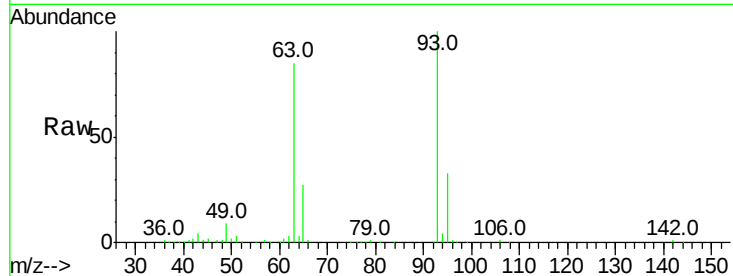
#11
bis(2-Chloroethyl)ether
Concen: 37.02 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	84.9	45.9	85.9	
95	33.1	12.3	52.3	

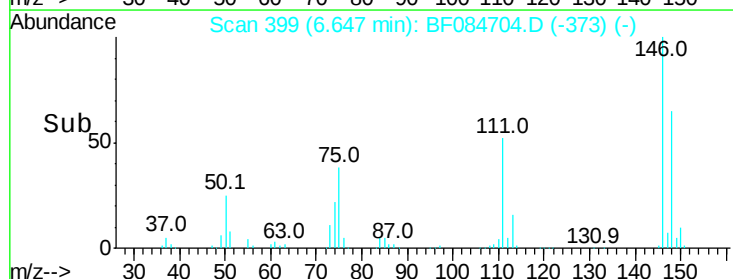
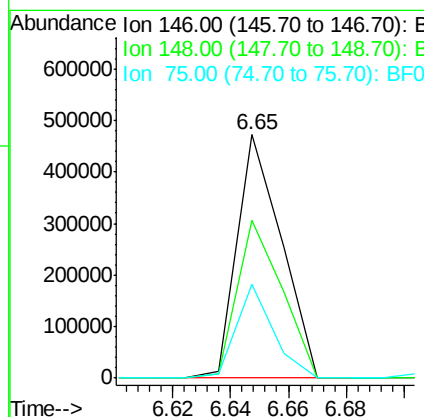
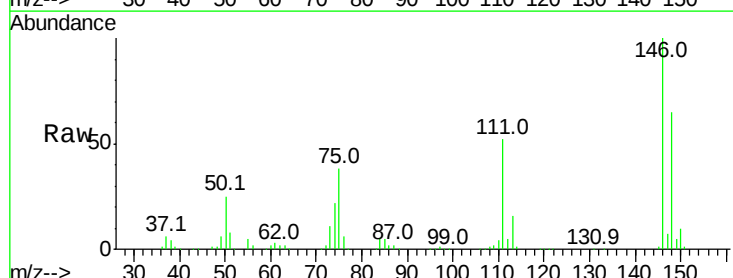
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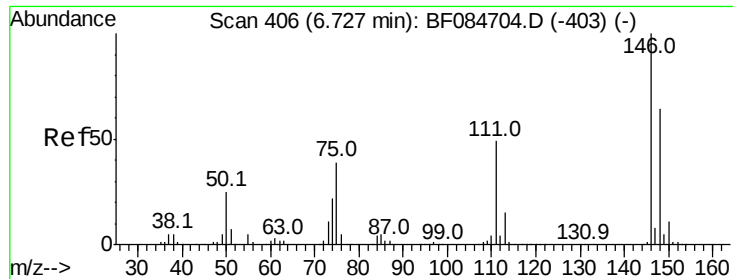
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.69 ng m
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	51.9	77.9	
75	38.4	20.5	30.7#	





#13

1,4-Dichlorobenzene

Concen: 37.62 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

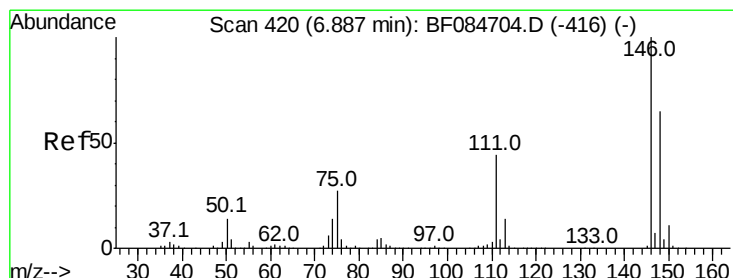
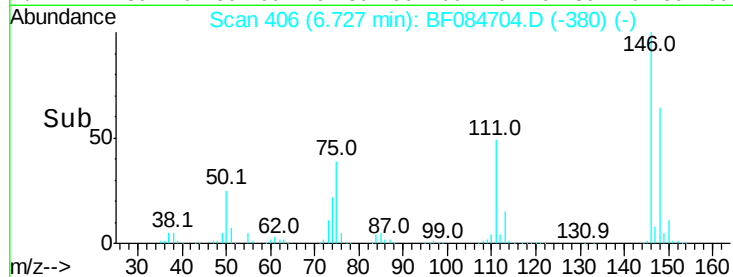
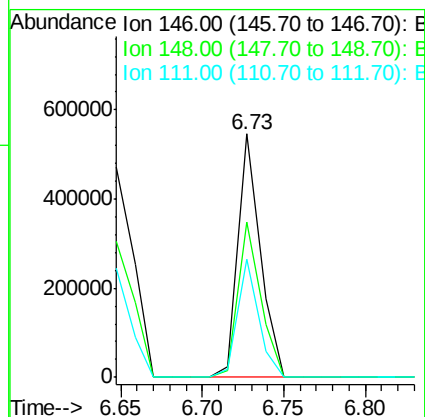
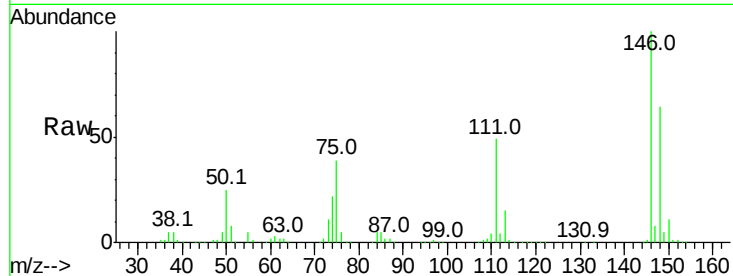
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	511659
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.9	77.9
111	48.5	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 41.03 ng

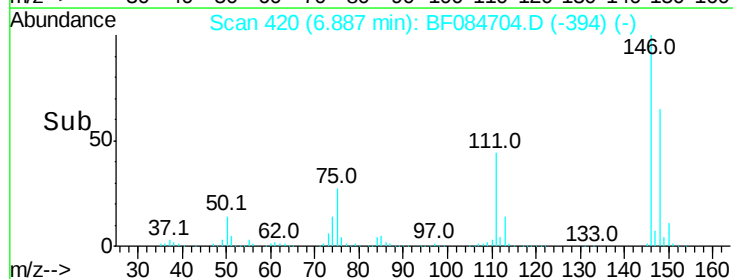
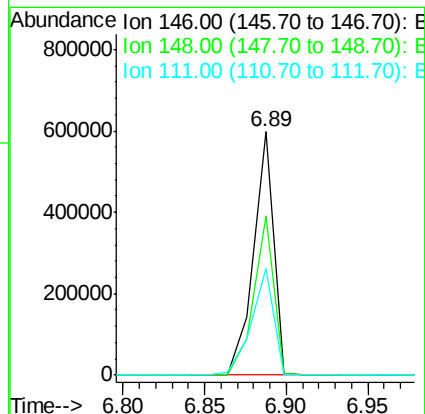
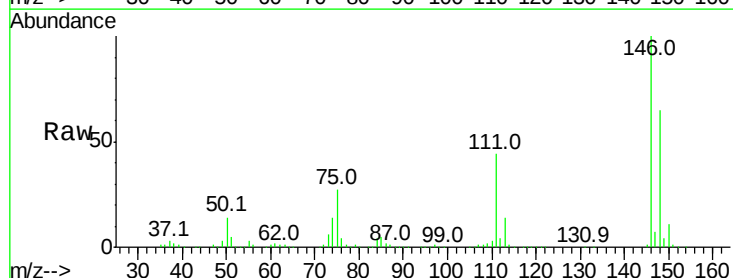
RT: 6.89 min Scan# 420

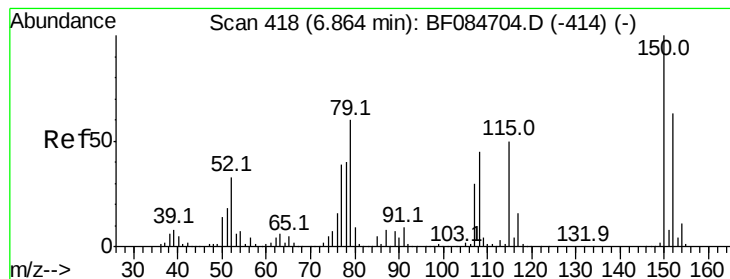
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:	146	Resp:	513857
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.6	77.4
111	43.8	38.0	57.0





#15

Benzyl Alcohol

Concen: 39.27 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 79 Resp: 373613

Ion Ratio Lower Upper

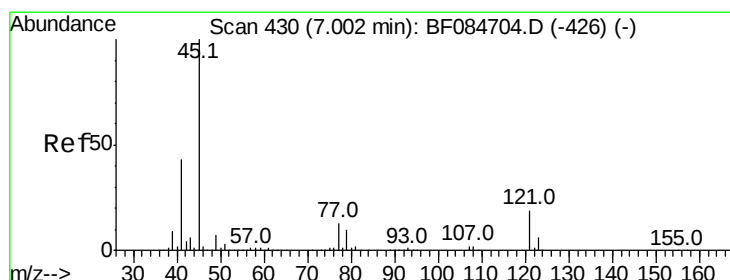
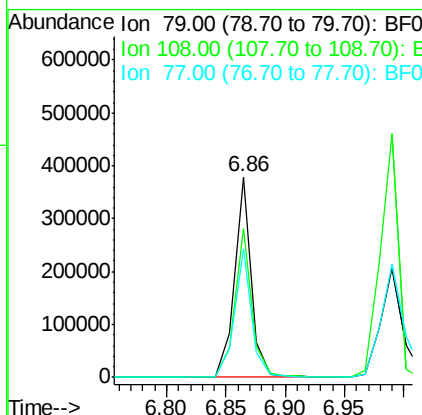
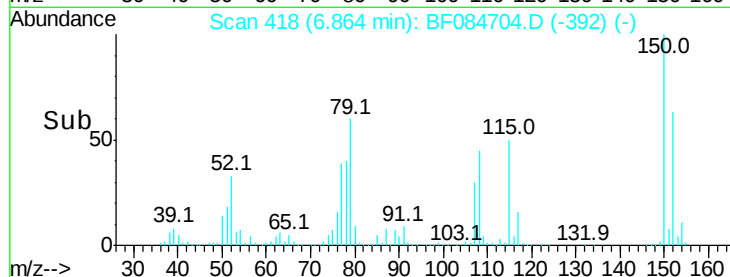
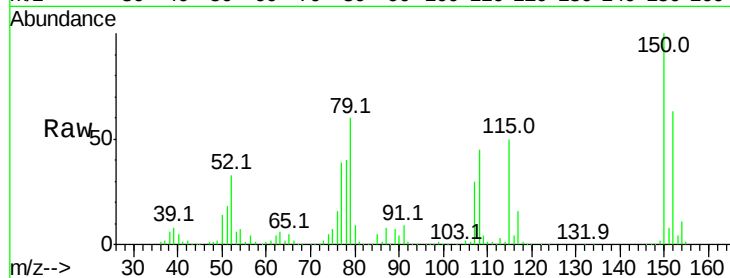
79 100

108 74.0 69.0 103.4

77 64.1 50.0 75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.31 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

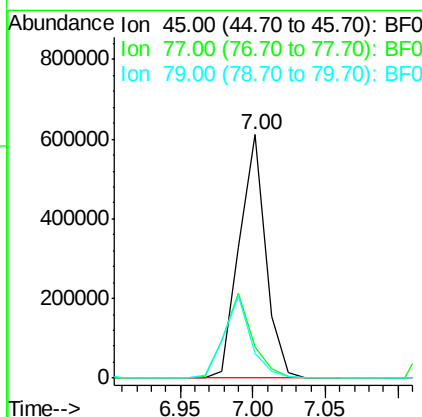
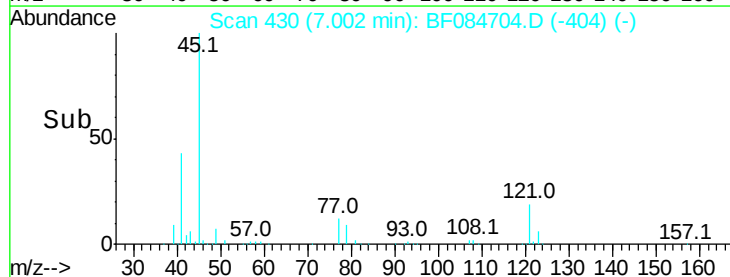
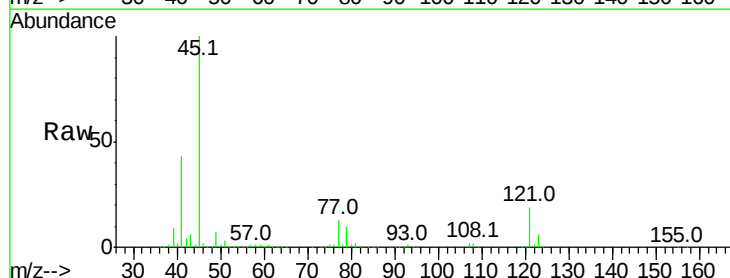
Tgt Ion: 45 Resp: 773710

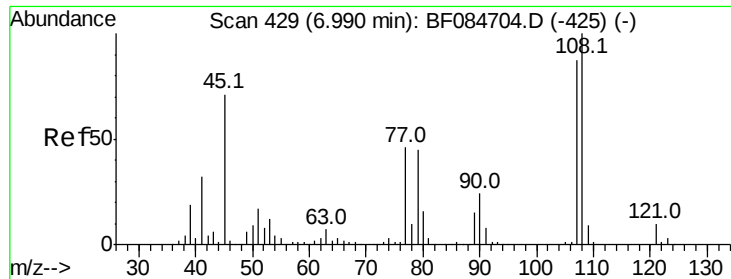
Ion Ratio Lower Upper

45 100

77 12.9 0.0 39.6

79 10.1 0.0 35.0





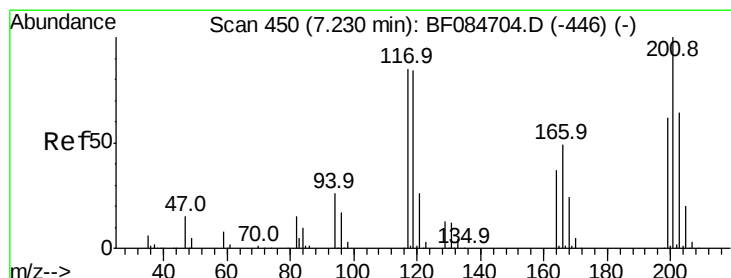
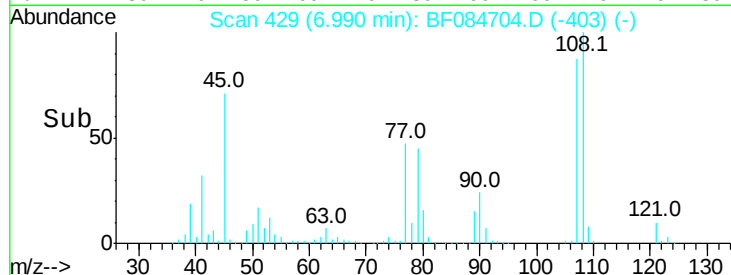
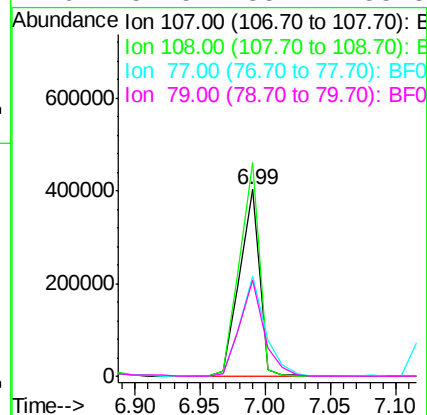
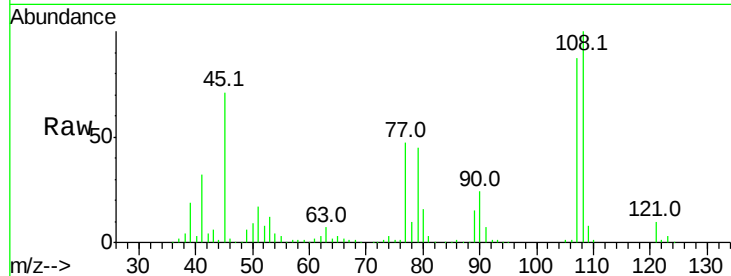
#17
2-Methylphenol
Concen: 42.17 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	107	Resp:	422842
Ion Ratio	Lower	Upper	
107	100		
108	114.4	89.8	134.6
77	53.2	35.7	53.5
79	51.5	35.7	53.5

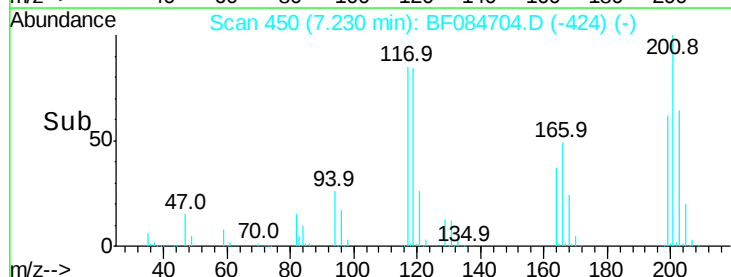
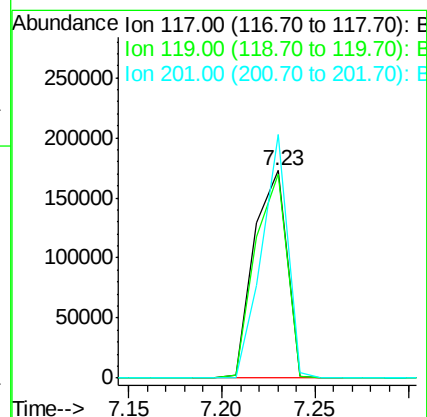
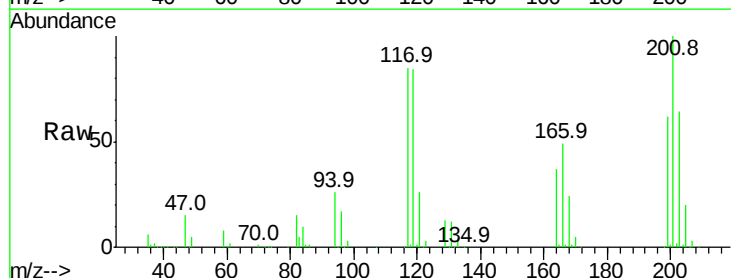
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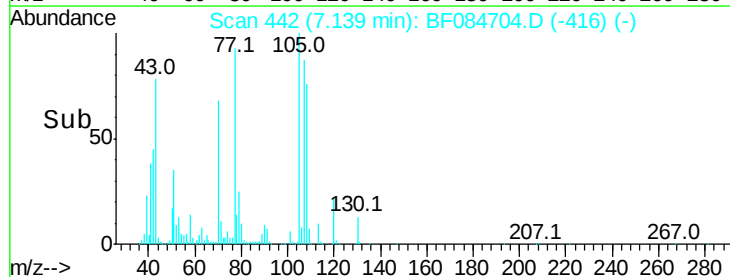
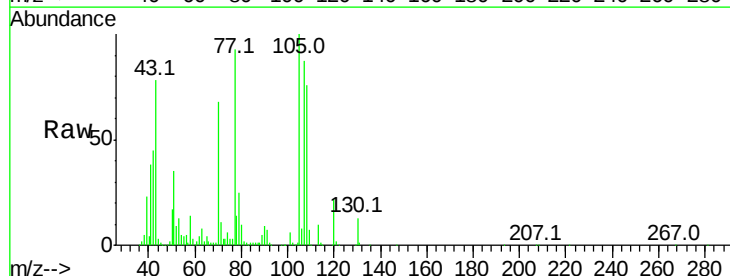
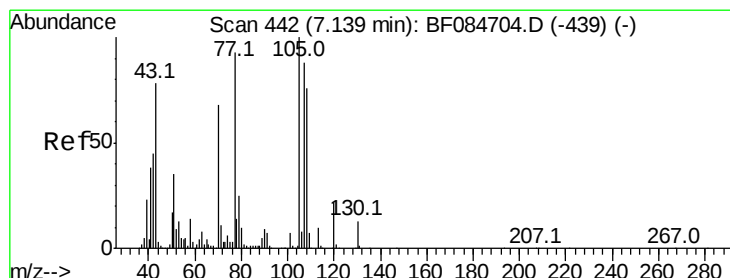
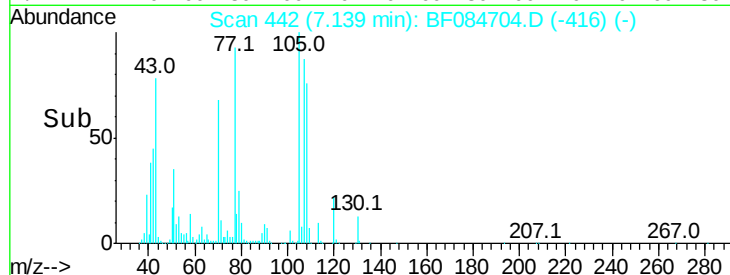
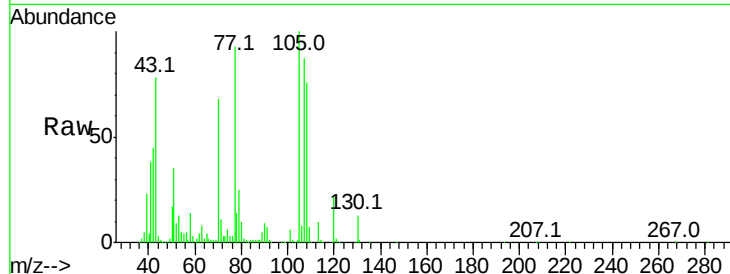
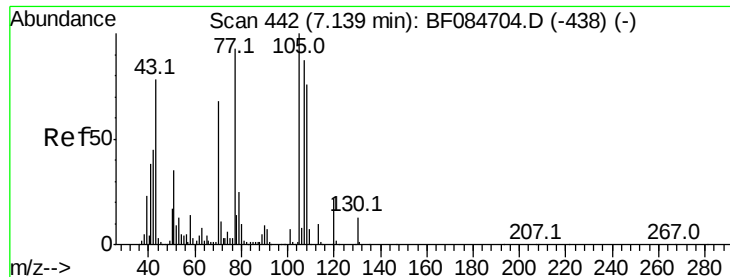
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#18
Hexachloroethane
Concen: 39.36 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion:	117	Resp:	209456
Ion Ratio	Lower	Upper	
117	100		
119	98.4	77.4	116.0
201	117.4	68.6	103.0#





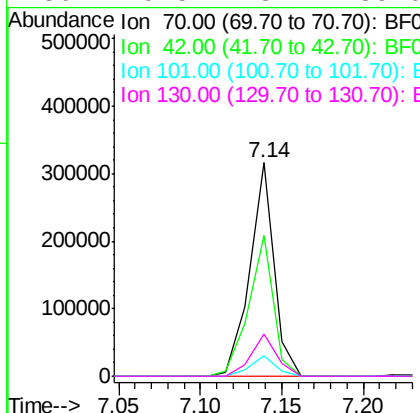
#19
n-Nitroso-di-n-propylamine
Concen: 38.21 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	66.1	33.3	49.9#
101	9.5	9.3	13.9
130	19.5	23.4	35.0#

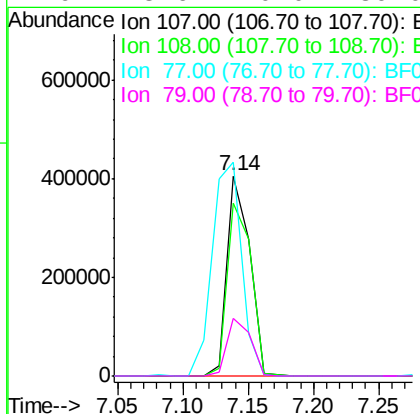
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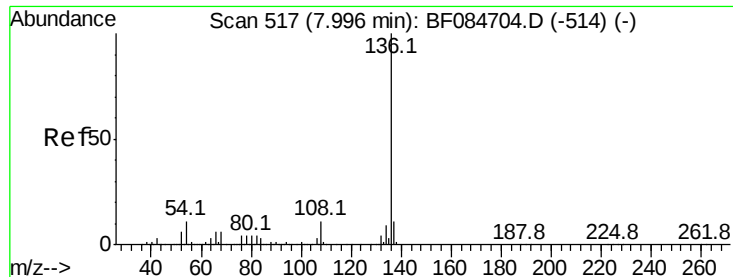
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#20
3+4-Methylphenols
Concen: 40.29 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	86.6	74.6	114.6
77	106.7	0.7	40.7#
79	28.6	0.0	39.0





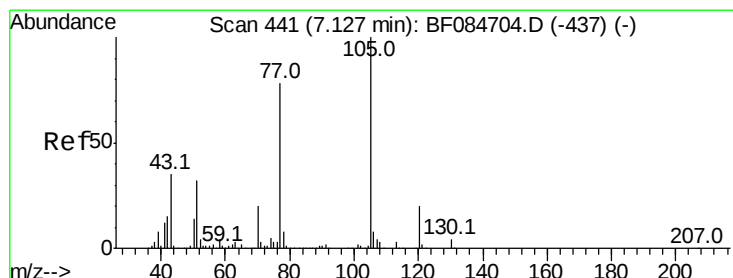
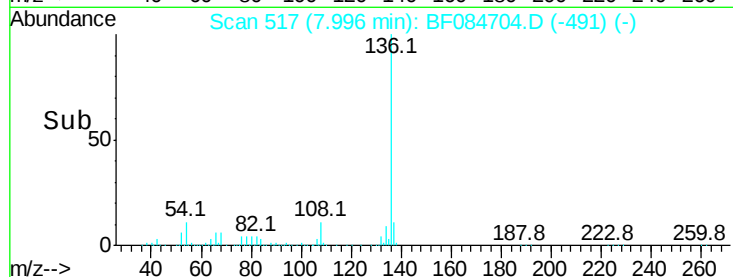
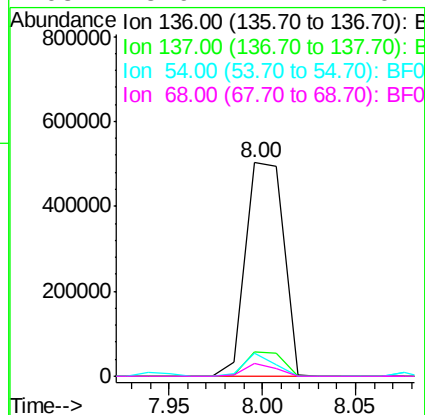
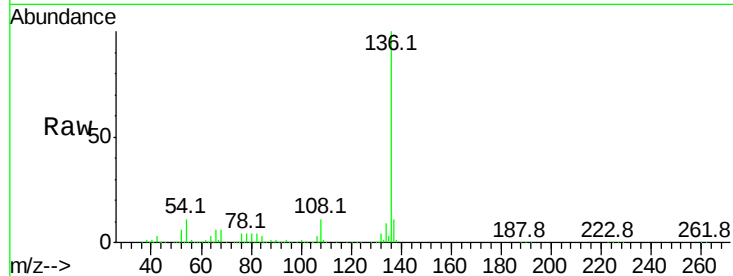
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.7	13.1	
54	11.1	5.8	8.8#	
68	5.9	4.2	6.2	

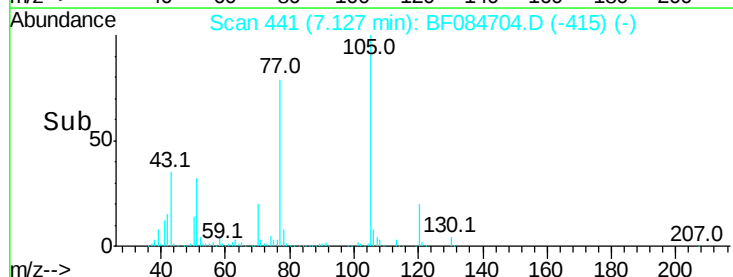
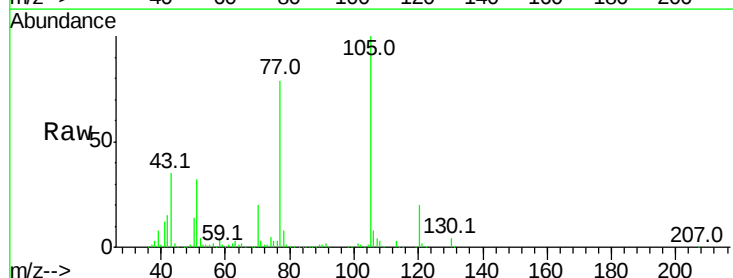
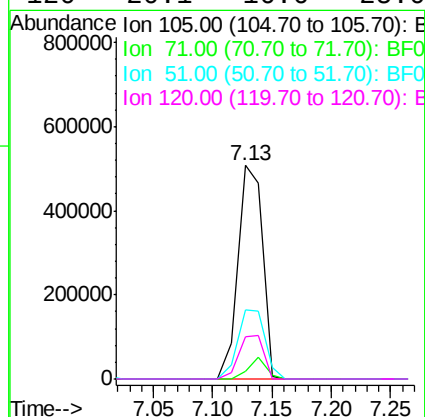
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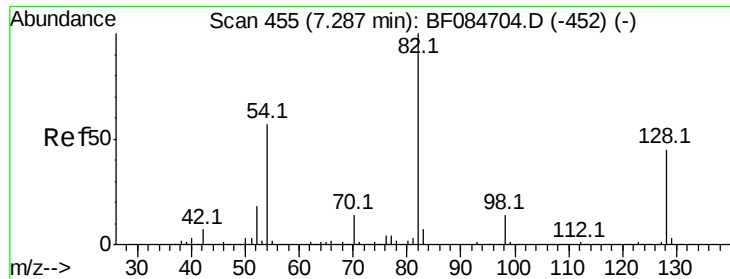
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#22
Acetophenone
Concen: 39.43 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.4	3.7	5.5#	
51	32.4	25.1	37.7	
120	20.1	16.6	25.0	





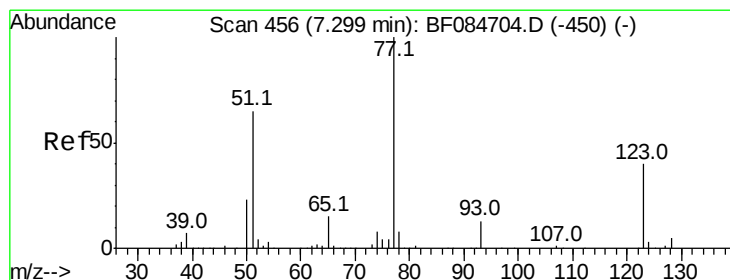
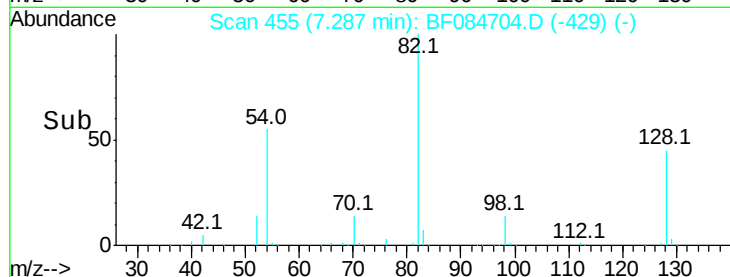
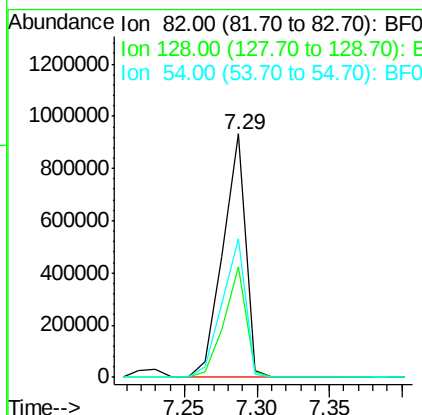
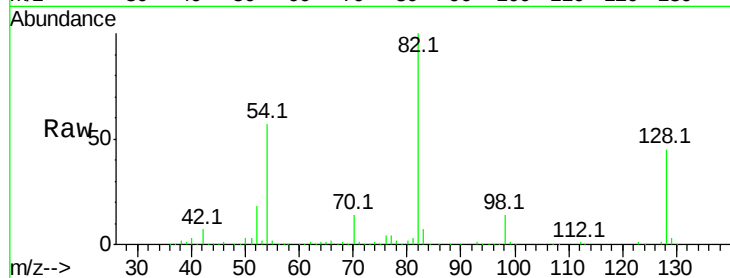
#23
 Nitrobenzene-d5
 Concen: 80.29 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	57.1	38.4	57.6

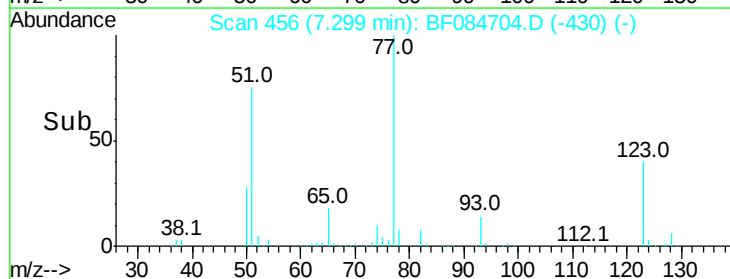
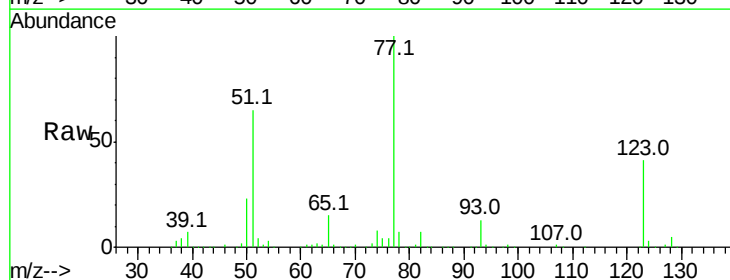
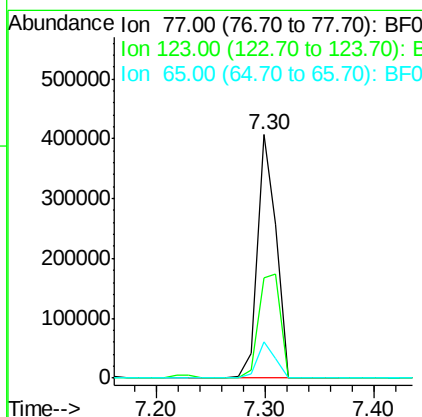
Manual Integrations
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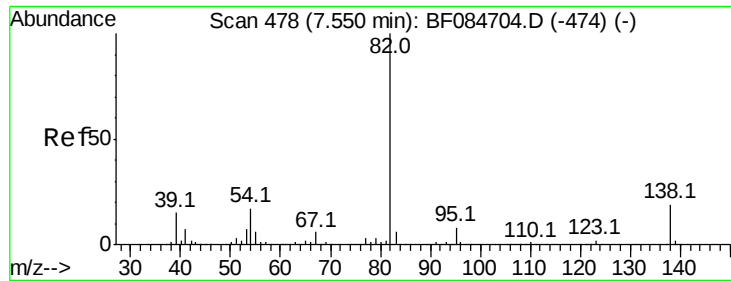
mohammad
 2/2/2016 4:17:25 PM



#24
 Nitrobenzene
 Concen: 35.97 ng
 RT: 7.30 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	37.4	56.2
65	14.8	10.9	16.3





#25

Isophorone

Concen: 41.52 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

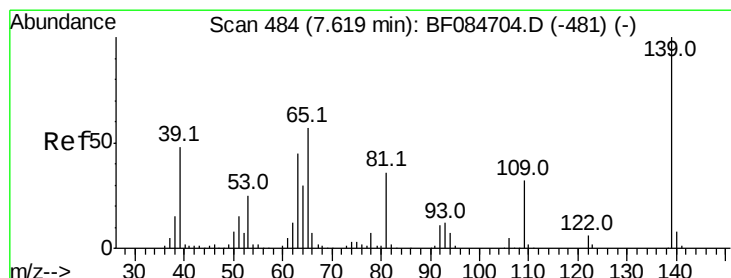
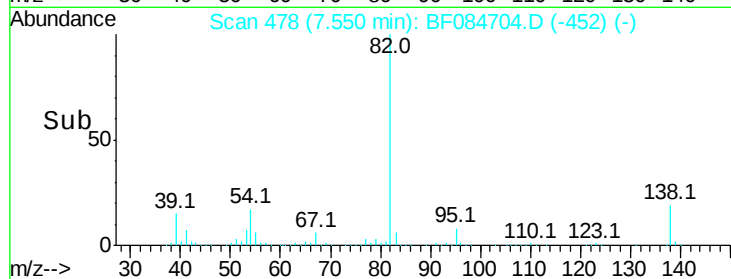
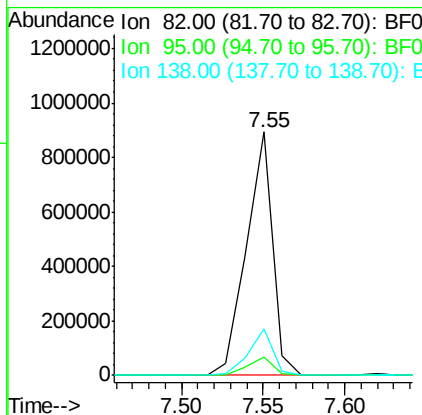
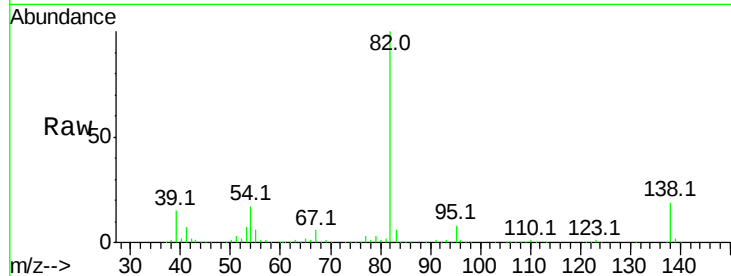
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	988192
Ion Ratio		Lower	Upper
82	100		
95	7.7	6.6	10.0
138	19.0	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.81 ng

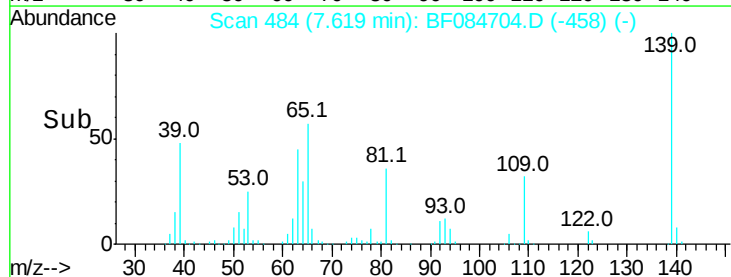
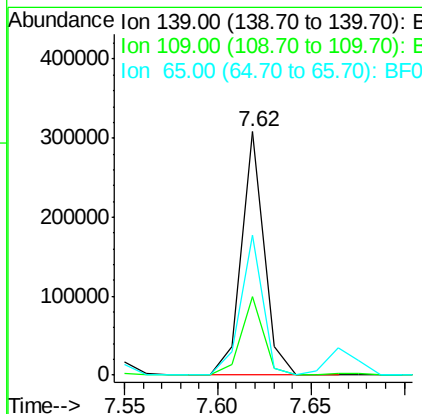
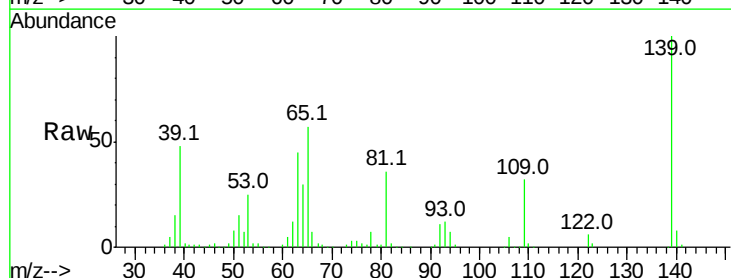
RT: 7.62 min Scan# 484

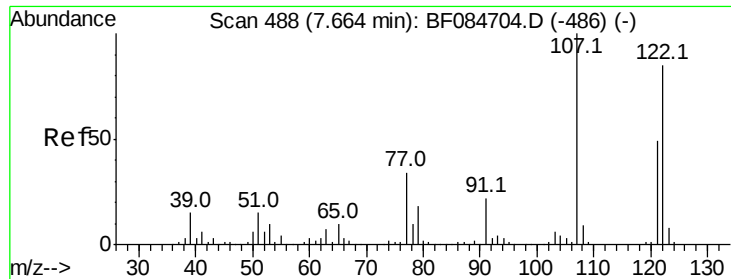
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:	139	Resp:	262011
Ion Ratio		Lower	Upper
139	100		
109	32.0	25.4	38.2
65	57.4	32.3	48.5#





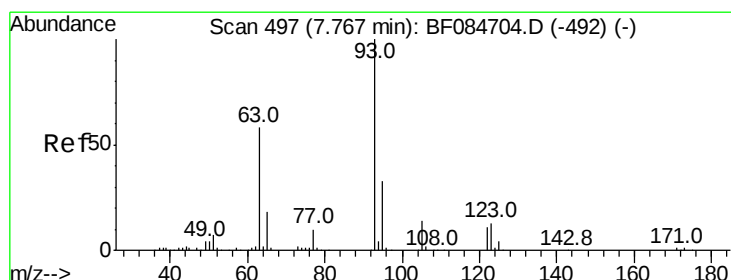
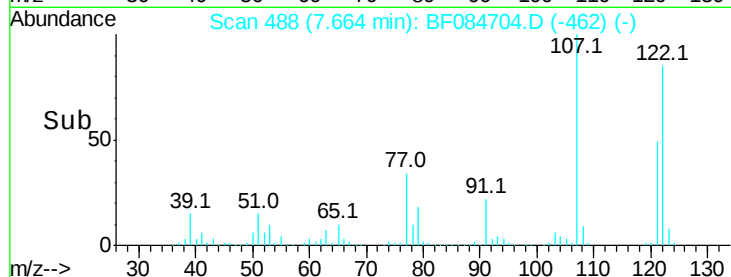
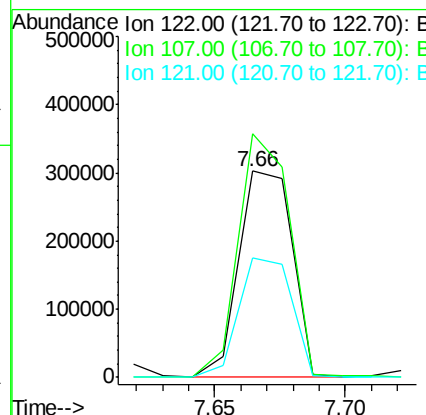
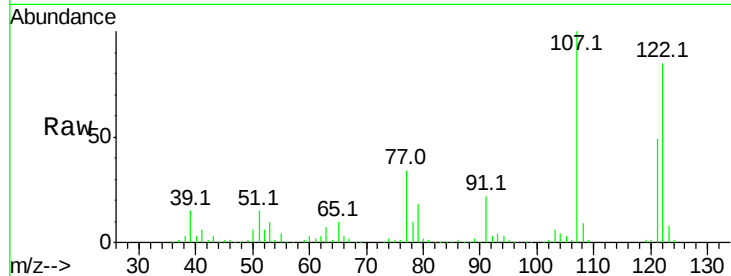
#27
2,4-Dimethylphenol
Concen: 38.41 ng
RT: 7.66 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	432177		
107	118.3	99.1	148.7	
121	58.1	47.9	71.9	

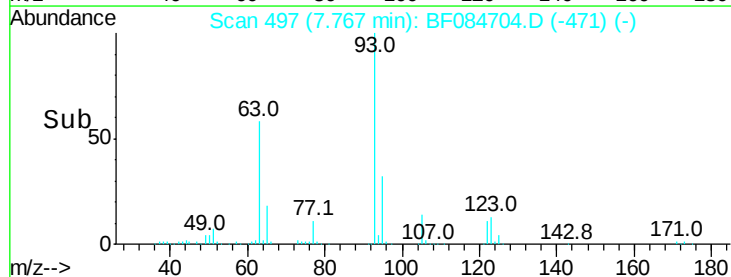
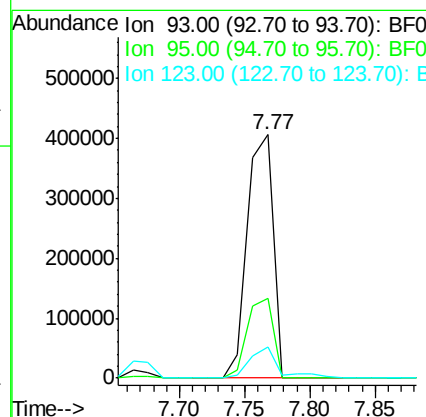
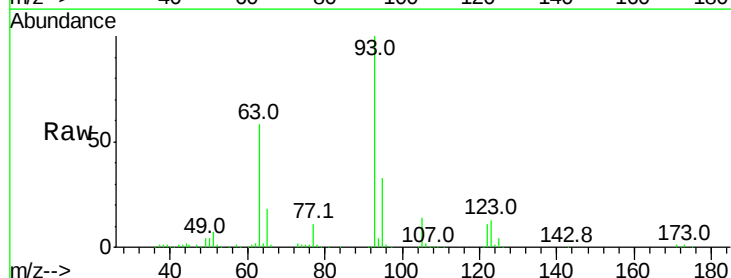
Manual Integrations
APPROVED

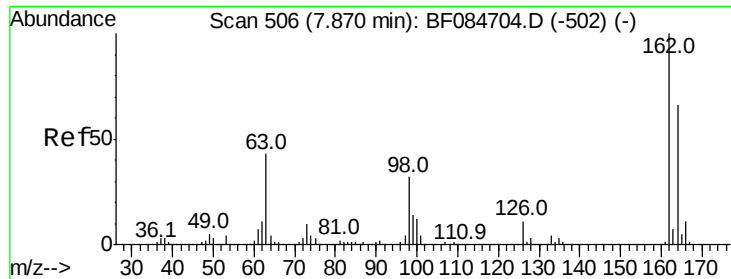
mohammad
2/2/2016 4:17:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.20 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	559931		
95	32.7	25.8	38.6	
123	13.0	8.6	12.8#	





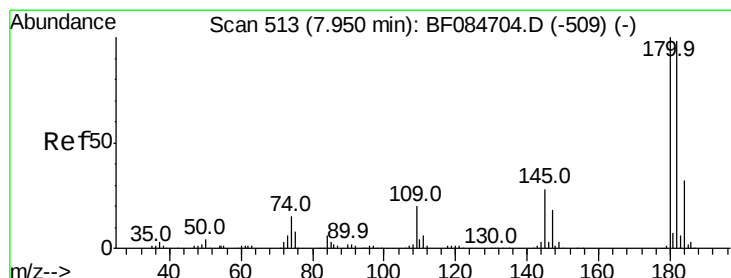
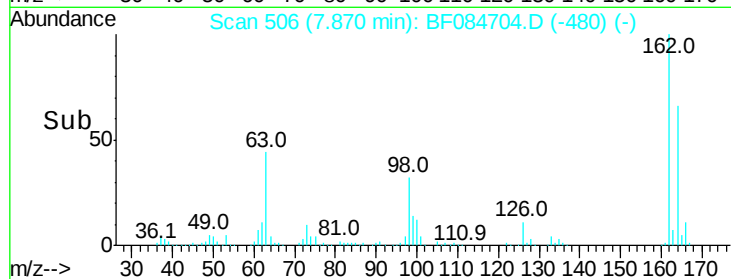
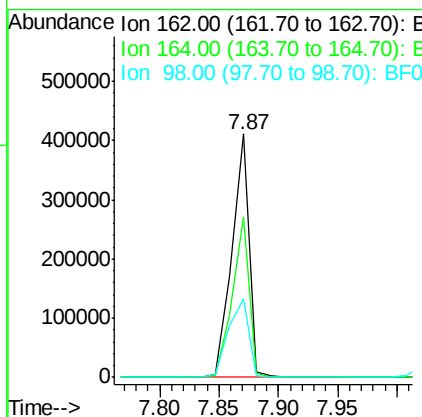
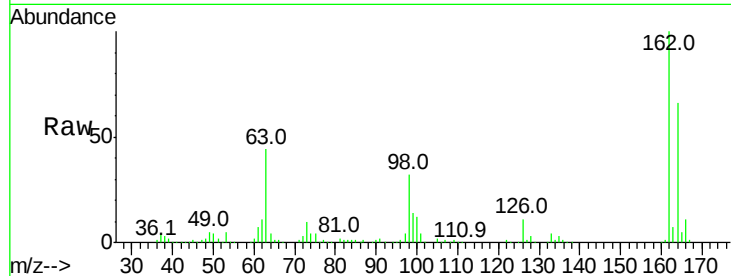
#29
 2,4-Dichlorophenol
 Concen: 41.75 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.8	44.1	84.1
98	32.2	20.2	60.2

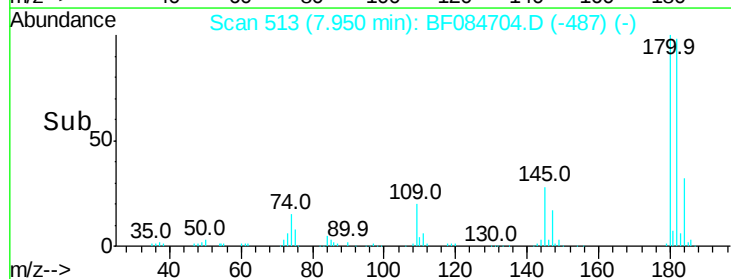
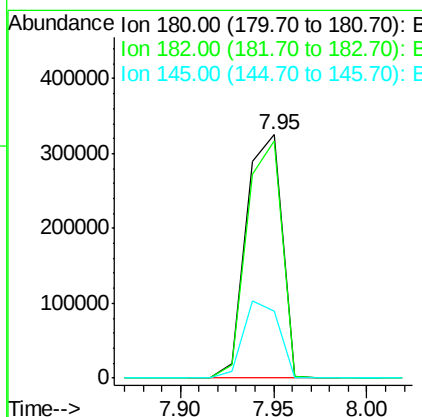
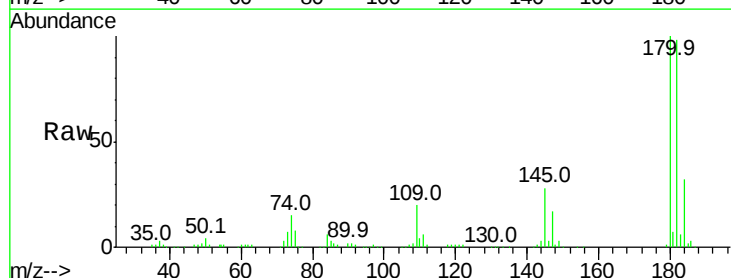
Manual Integrations
 APPROVED

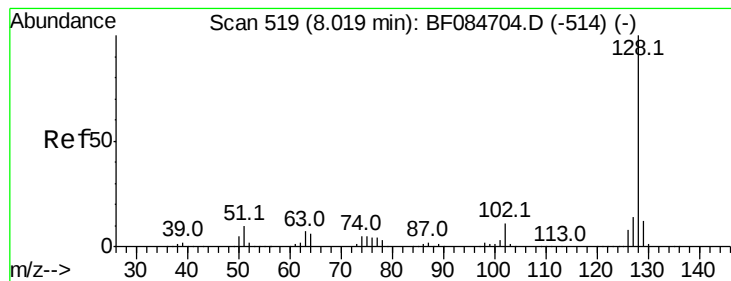
mohammad
 2/2/2016 4:17:25 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.71 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.5	76.4	114.6
145	27.6	31.6	47.4#





#31

Naphthalene

Concen: 37.17 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

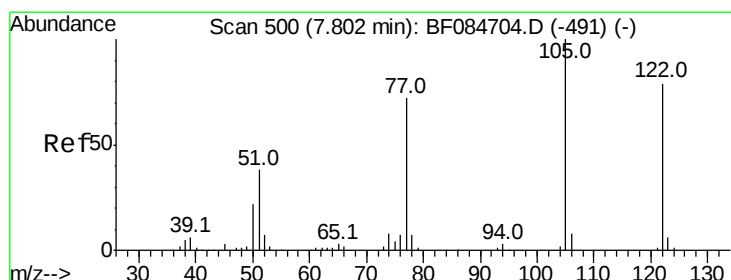
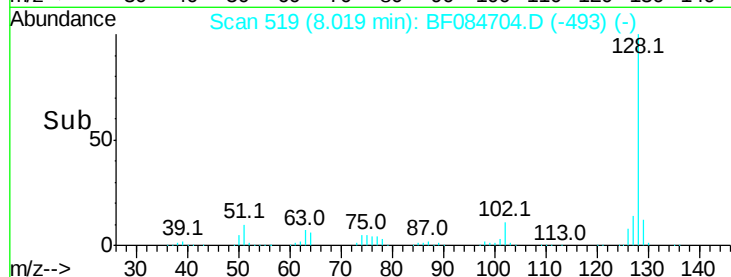
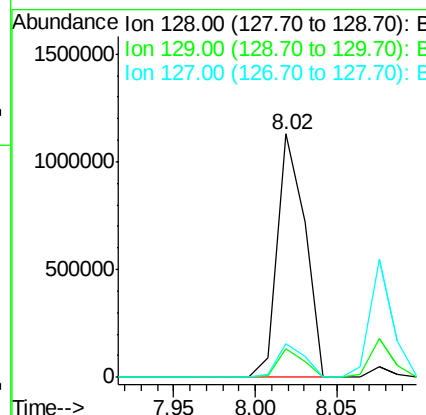
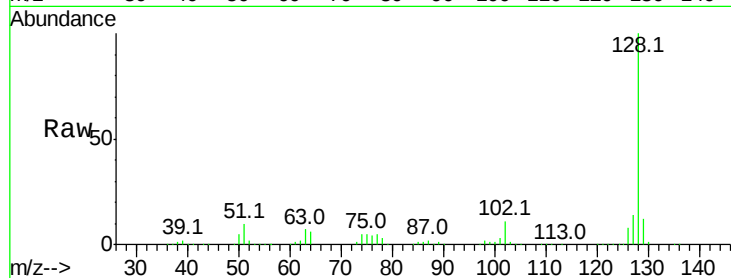
ClientSampleId :

SSTDICCC040

Tot Ion:	128	Resp:	1332225
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.6	11.1	16.7

Manual Integrations
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#32

Benzoic acid

Concen: 34.36 ng

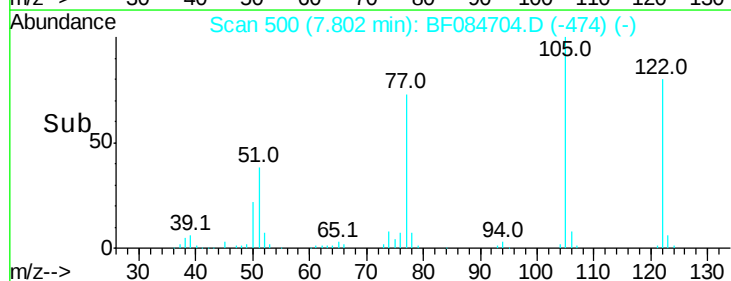
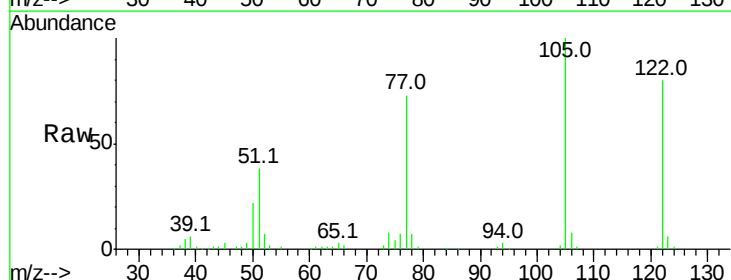
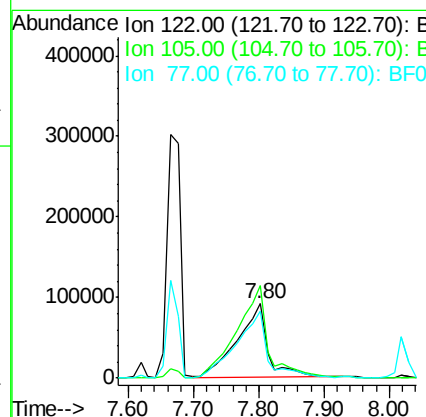
RT: 7.80 min Scan# 500

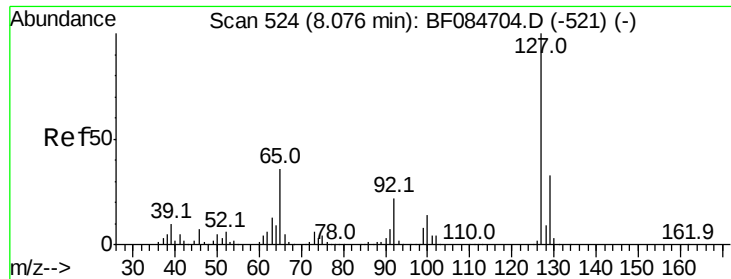
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:	122	Resp:	296816
Ion	Ratio	Lower	Upper
122	100		
105	124.5	100.3	140.3
77	90.7	63.5	103.5





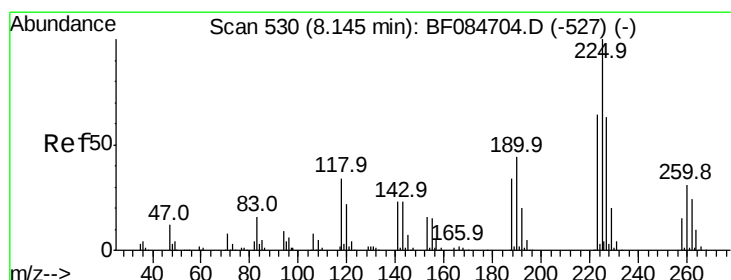
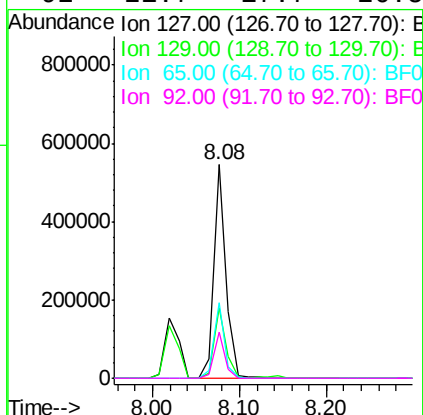
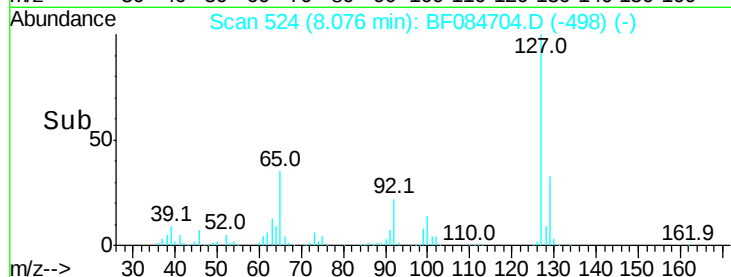
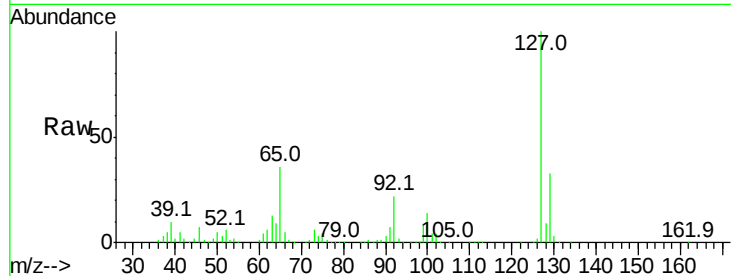
#33
4-Chloroaniline
Concen: 36.78 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.5	39.7		
65	35.6	27.2	40.8		
92	21.7	17.7	26.5		

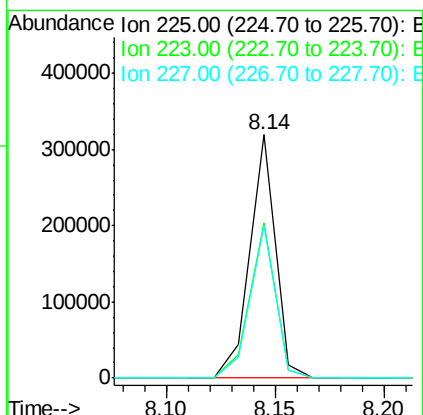
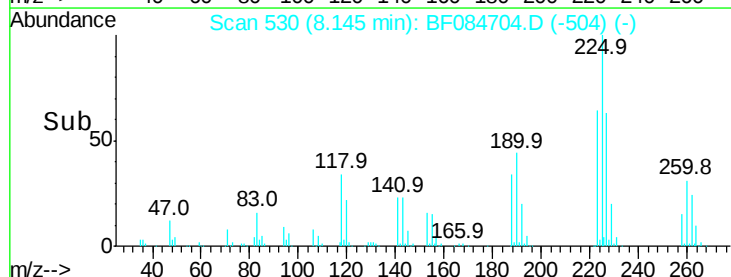
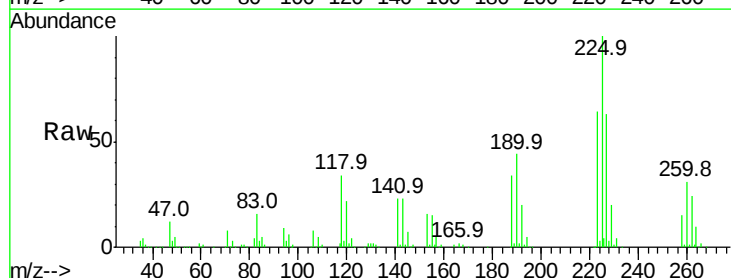
Manual Integrations
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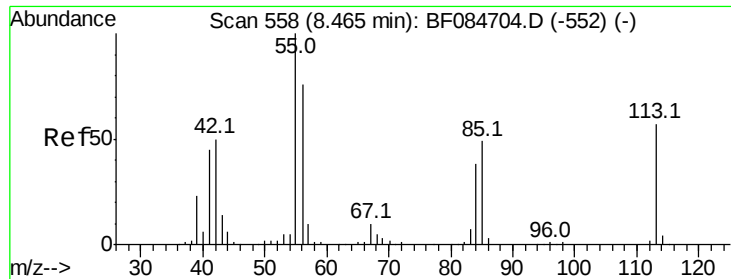
mohammad
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#34
Hexachlorobutadiene
Concen: 39.31 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	49.4	74.0		
227	62.7	50.8	76.2		





#35

Caprolactam

Concen: 49.14 ng

RT: 8.46 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

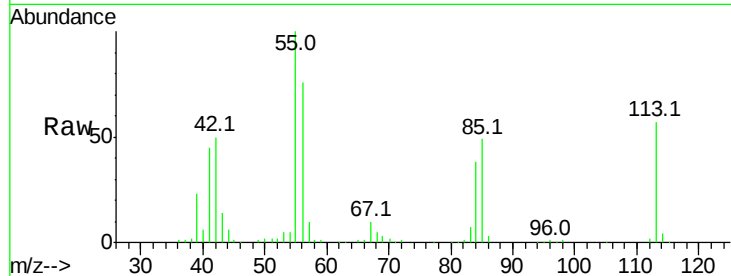
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.9	116.9	156.9#
56	133.1	93.8	133.8

Manual Integrations
APPROVED

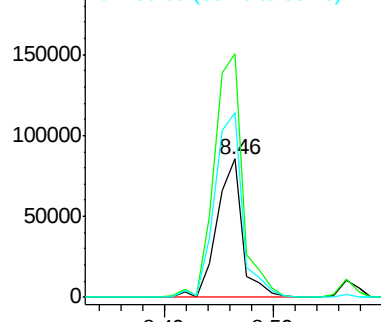
mohammad
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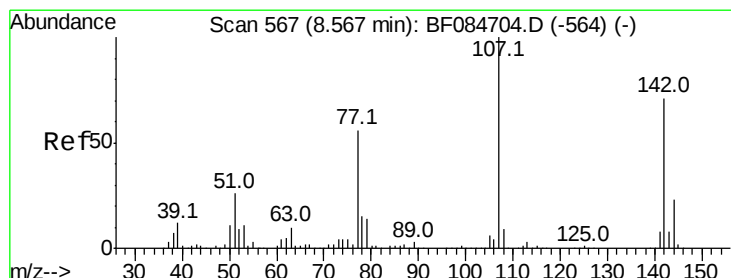
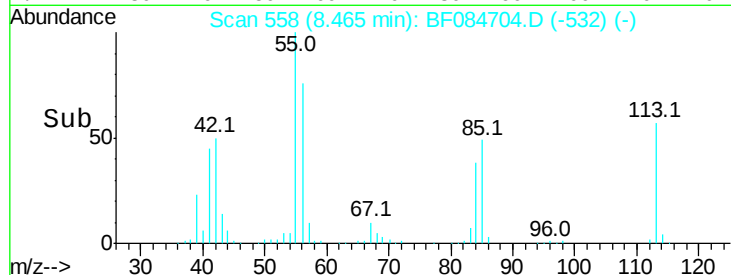
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 38.75 ng

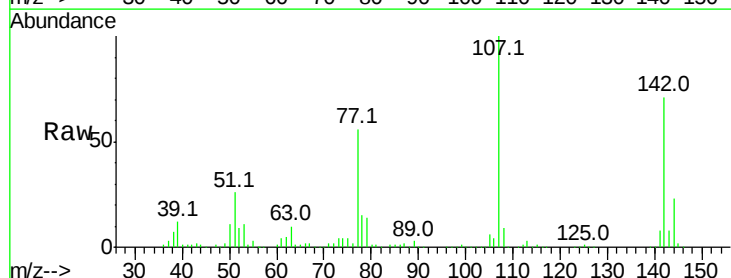
RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

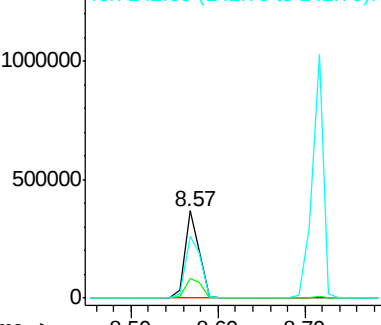
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.7	29.5
142	70.9	61.8	92.6



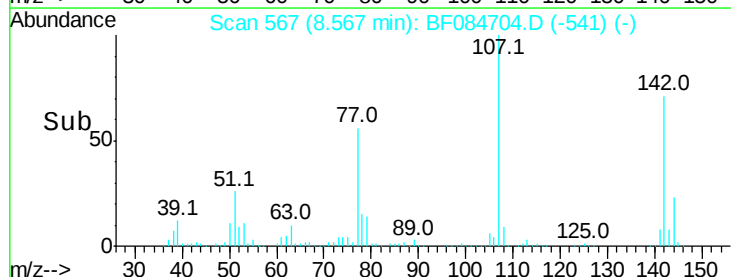
Abundance Ion 107.00 (106.70 to 107.70): E

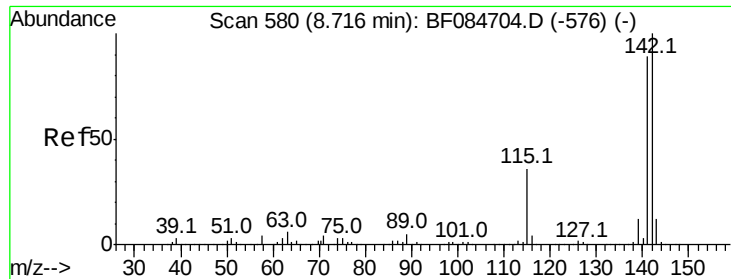
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





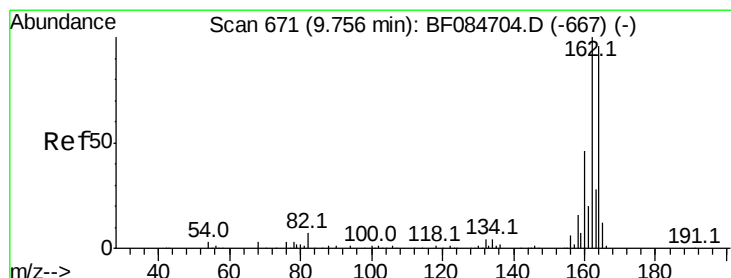
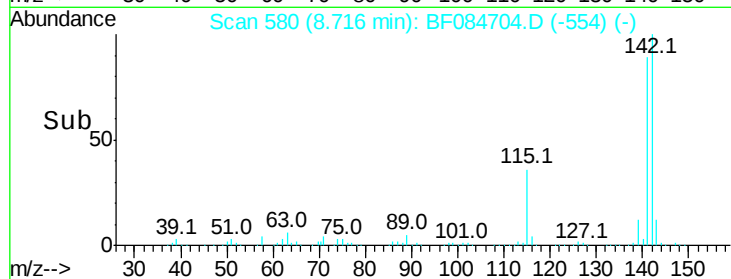
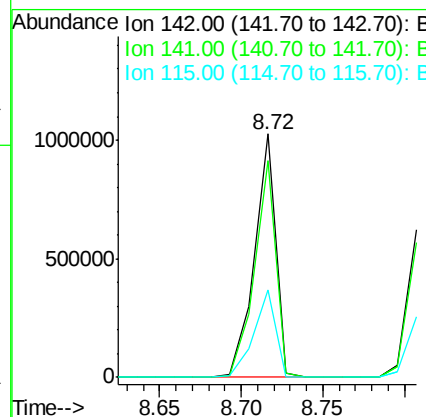
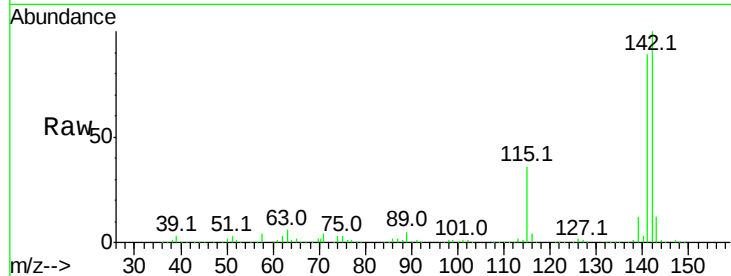
#37
2-Methylnaphthalene
Concen: 42.34 ng
RT: 8.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	931525		
141	89.1	72.4	108.6	
115	36.0	27.9	41.9	

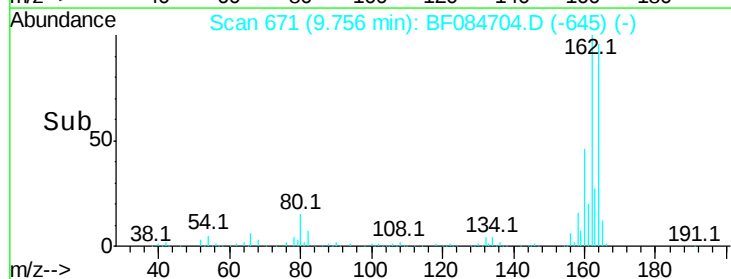
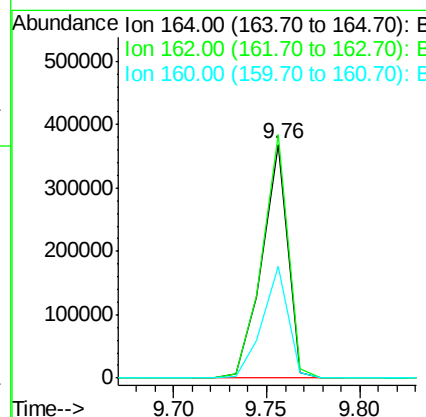
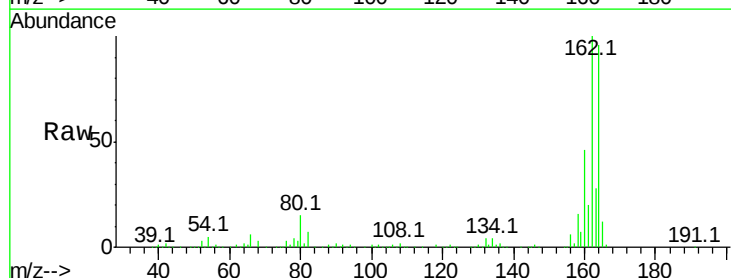
Manual Integrations
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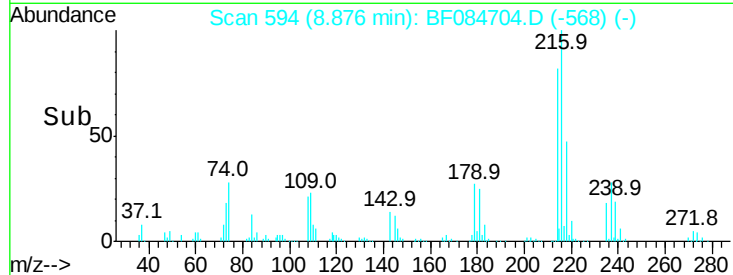
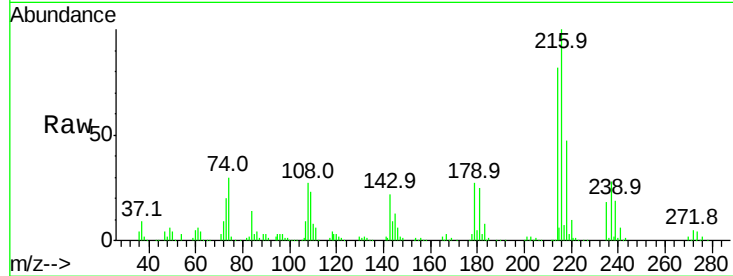
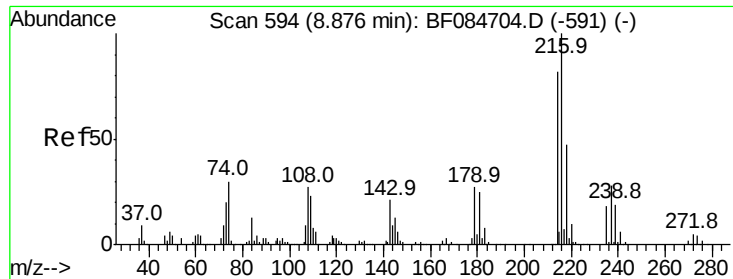
mohammad
2/2/2016 4:17:25 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	352022		
162	104.3	85.1	127.7	
160	47.8	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.54 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

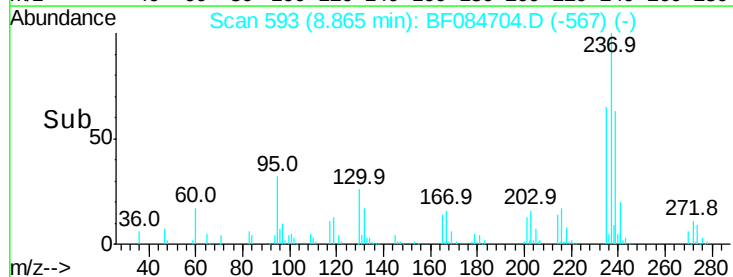
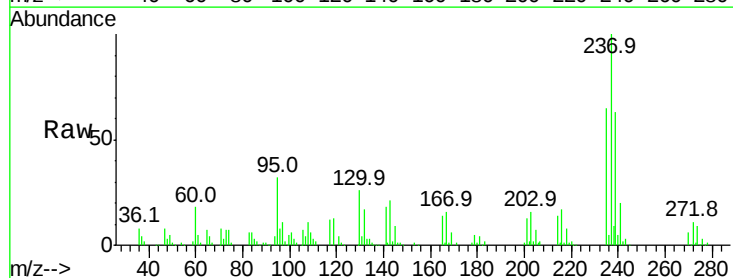
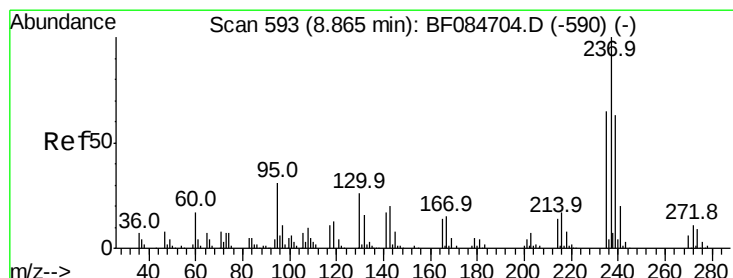
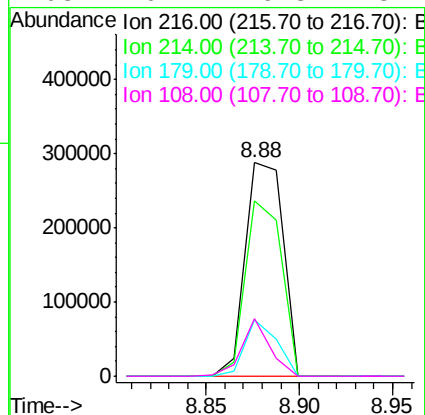
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	405733		
214	78.8	64.2	96.2	
179	22.4	18.7	28.1	
108	20.4	16.8	25.2	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 30.38 ng

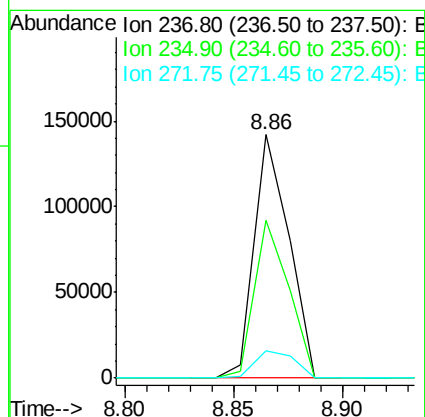
RT: 8.86 min Scan# 593

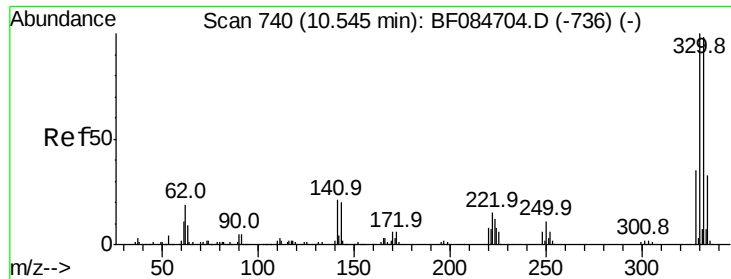
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	157705		
235	64.8	43.1	83.1	
272	11.3	0.0	35.1	





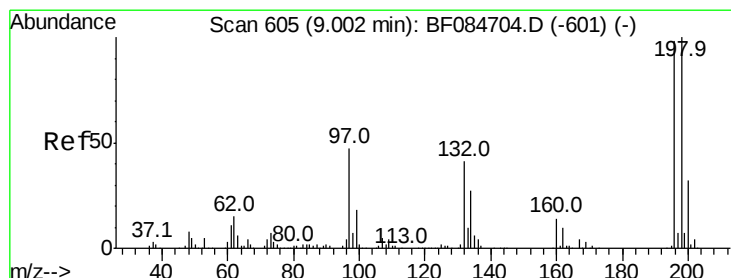
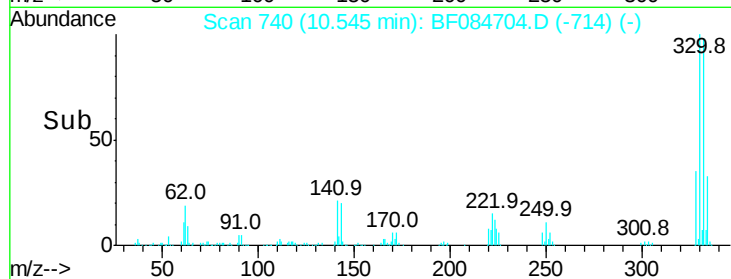
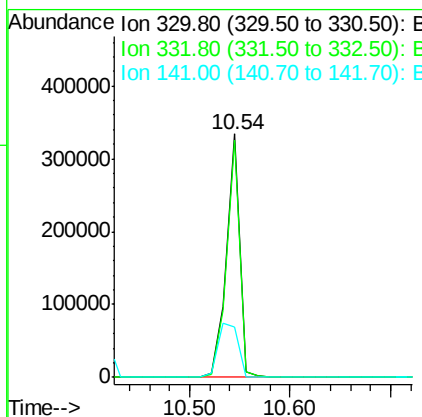
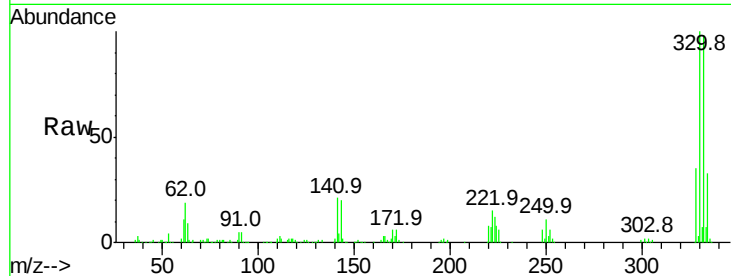
#41
 2,4,6-Tribromophenol
 Concen: 83.24 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	307094		
332	96.7	76.6	114.8	
141	33.8	27.8	41.6	

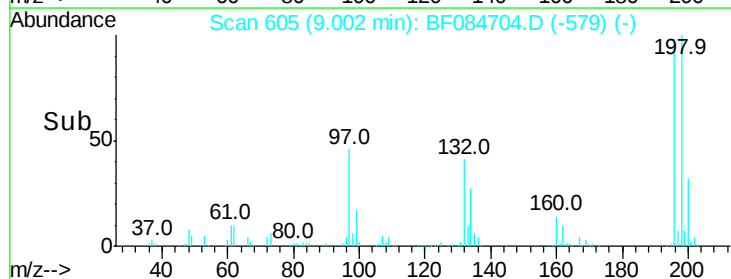
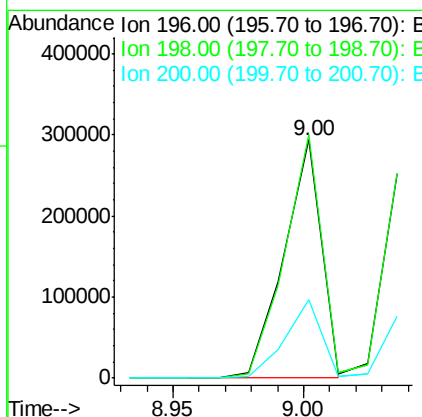
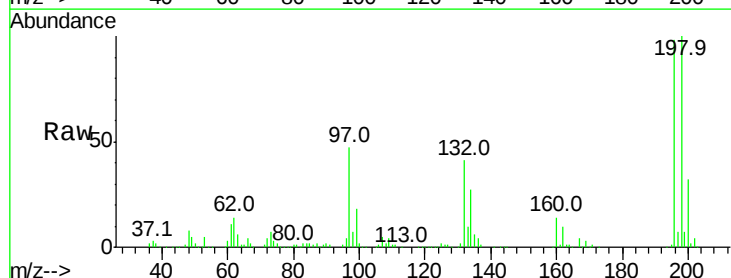
Manual Integrations
 APPROVED

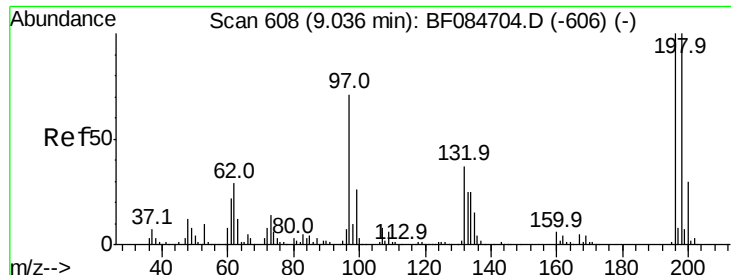
mohammad
 2/2/2016 4:17:25 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.15 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291793		
198	102.2	77.7	116.5	
200	33.2	24.6	37.0	





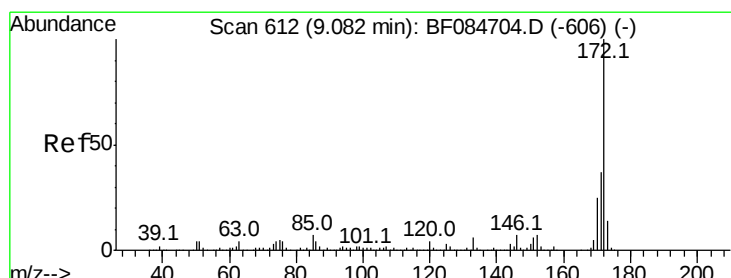
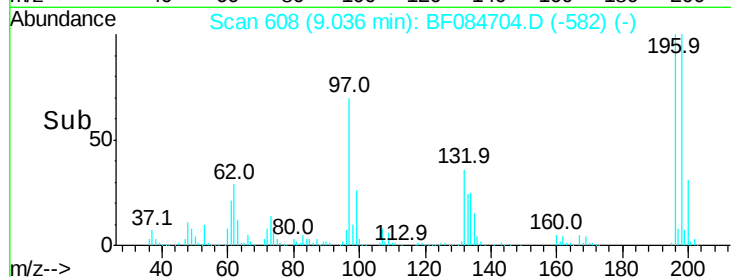
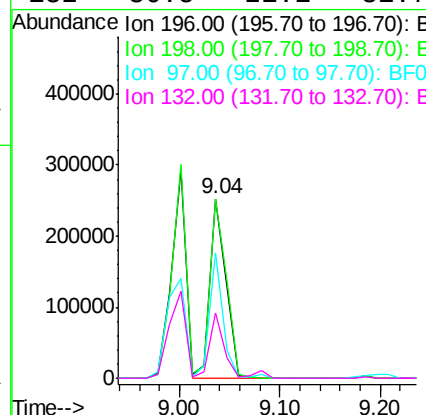
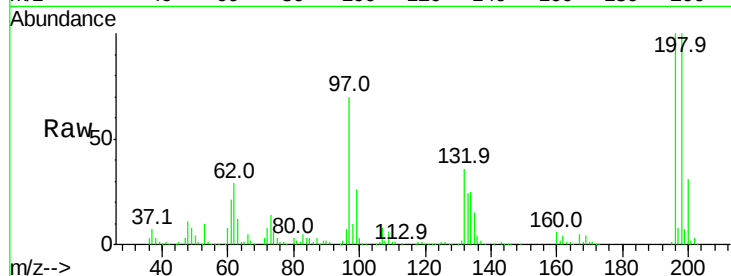
#43
 2,4,5-Trichlorophenol
 Concen: 38.23 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	279909		
198	100.1	79.0	118.6	
97	70.2	33.0	49.6	#
132	36.5	21.1	31.7	#

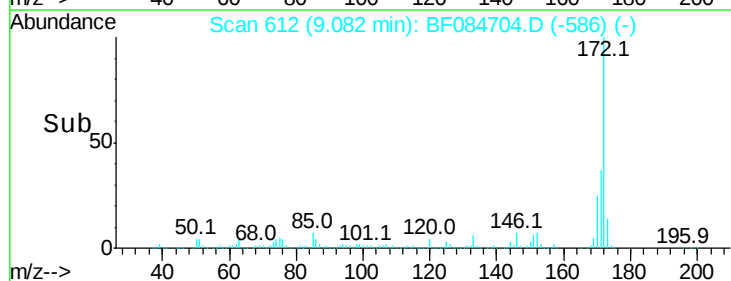
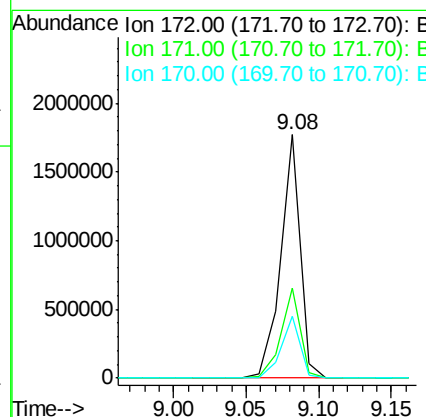
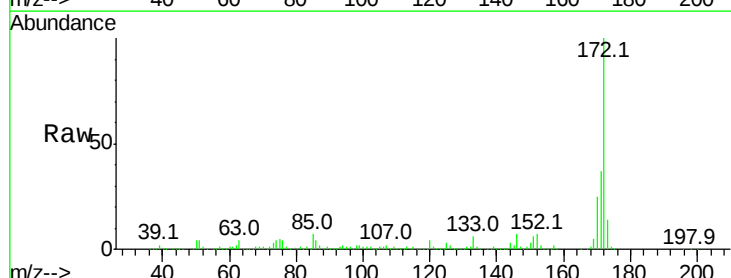
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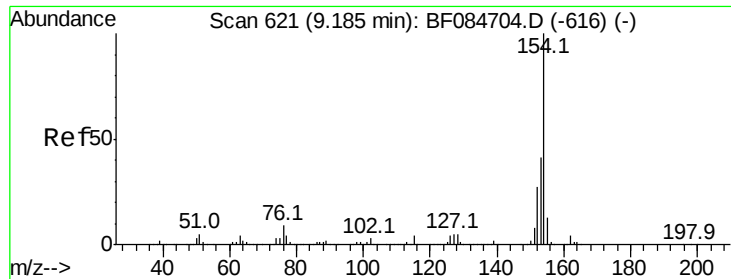
mohammad
 2/2/2016 4:17:25 PM



#44
 2-Fluorobiphenyl
 Concen: 69.58 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1647972		
171	36.9	28.9	43.3	
170	25.2	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 39.00 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 1258351

Ion Ratio Lower Upper

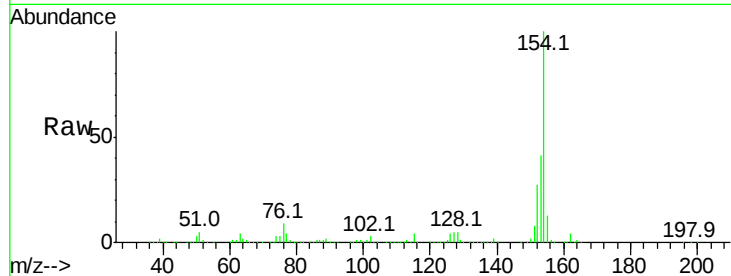
154 100

153 40.8 21.6 61.6

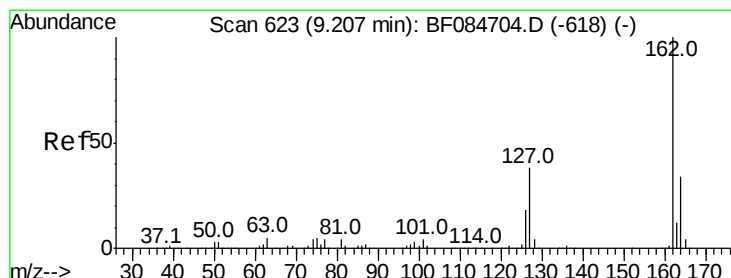
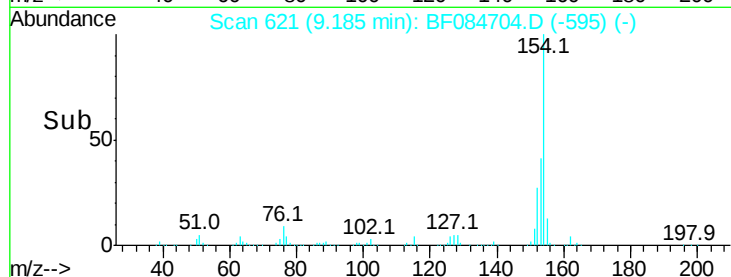
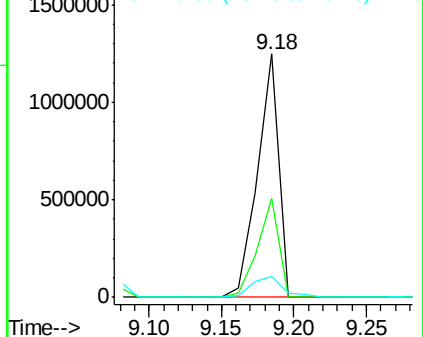
76 8.7 0.0 32.7

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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: 38.14 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

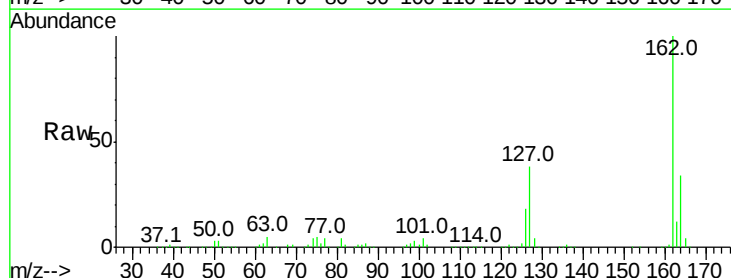
Tgt Ion:162 Resp: 897739

Ion Ratio Lower Upper

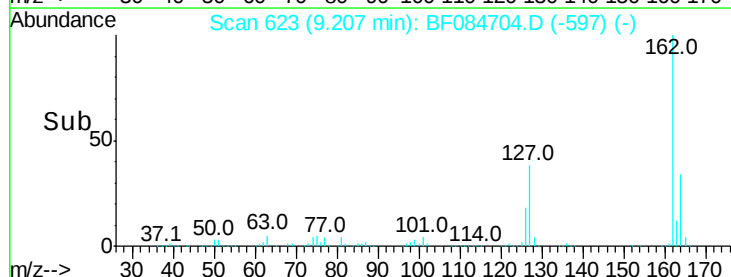
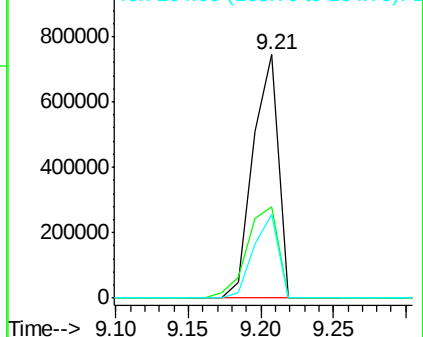
162 100

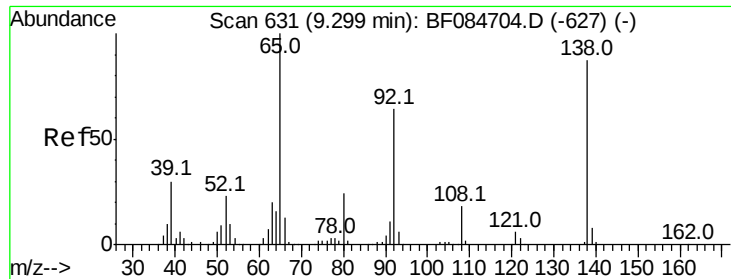
127 37.5 40.2 60.4#

164 34.3 25.7 38.5



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





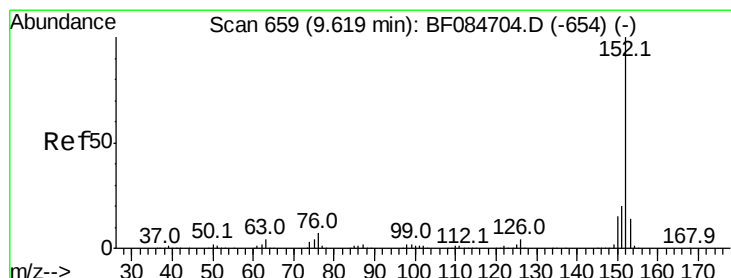
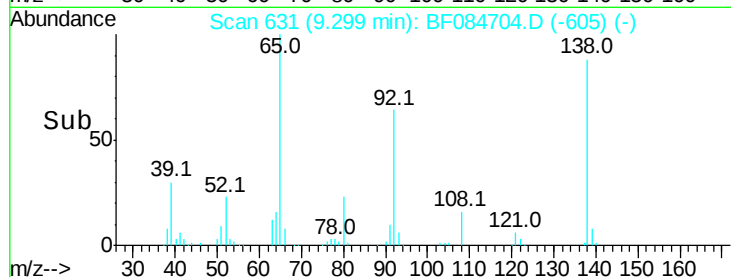
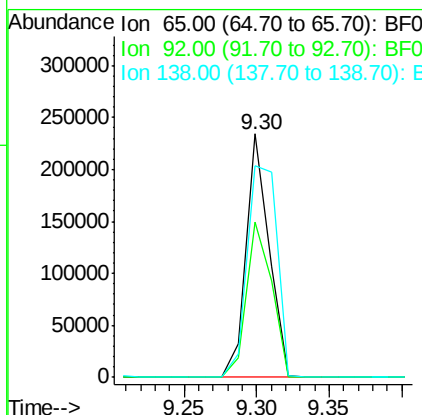
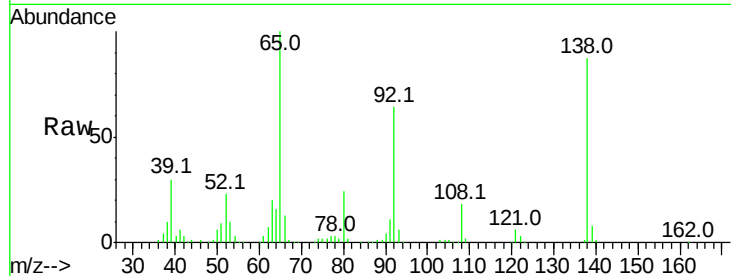
#47
2-Nitroaniline
Concen: 36.41 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.6	53.4	80.2
138	87.0	71.1	106.7

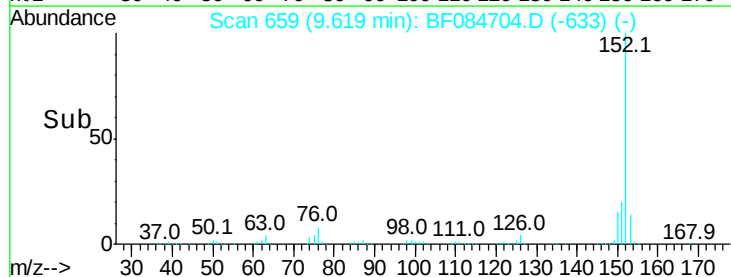
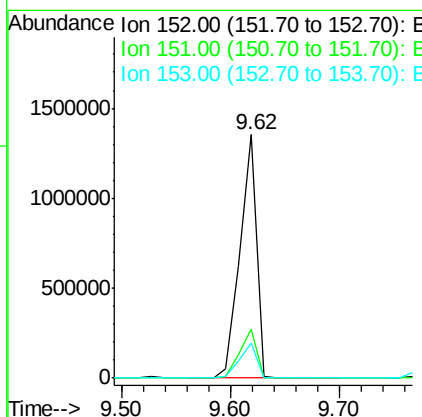
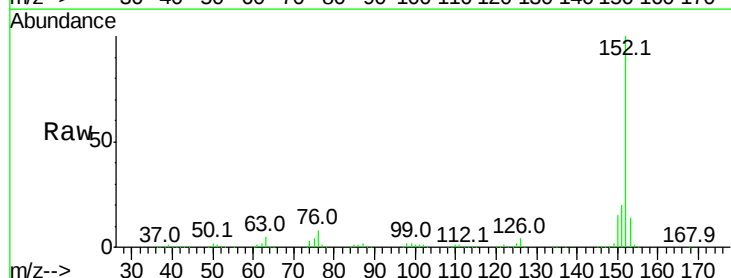
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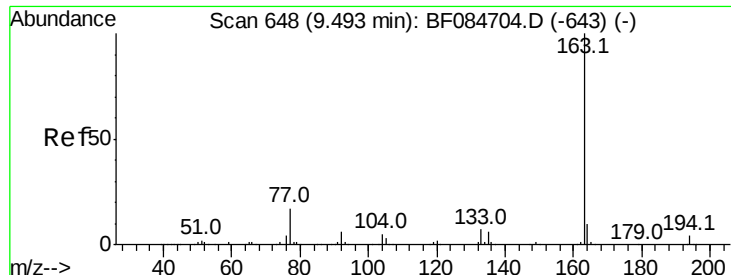
mohammad
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#48
Acenaphthylene
Concen: 39.26 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	14.2	10.4	15.6





#49

Dimethylphthalate

Concen: 40.84 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:163 Resp: 1079145

Ion Ratio Lower Upper

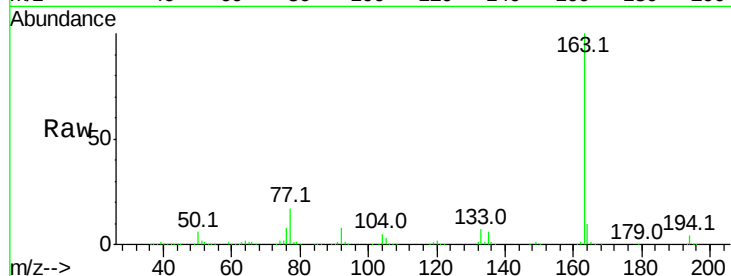
163 100

194 3.5 8.0 12.0#

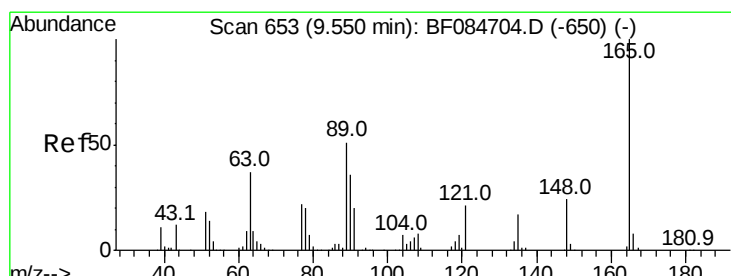
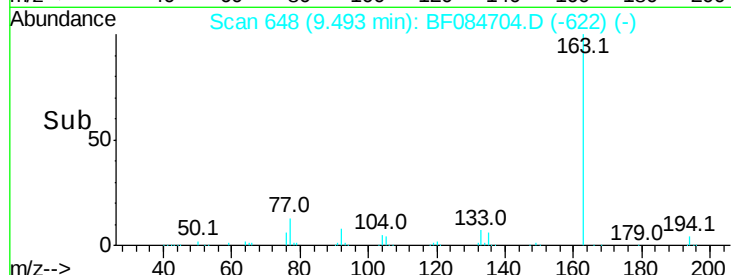
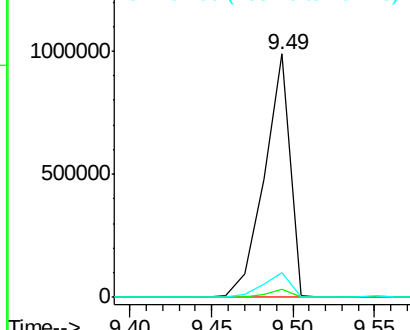
164 10.2 8.0 12.0

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



#50

2,6-Dinitrotoluene

Concen: 42.26 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

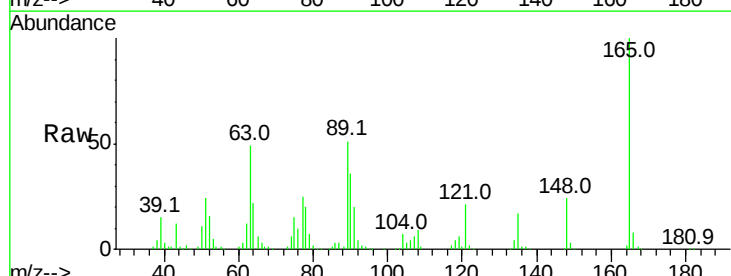
Tgt Ion:165 Resp: 245652

Ion Ratio Lower Upper

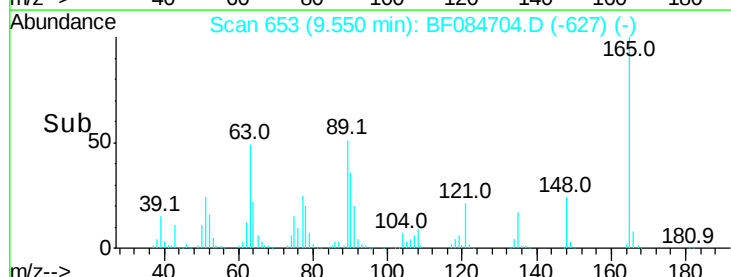
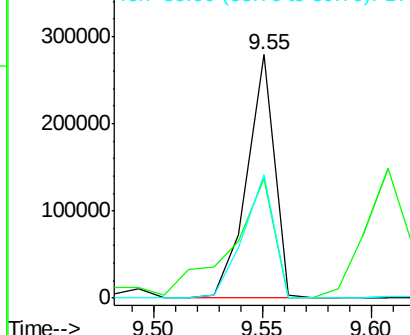
165 100

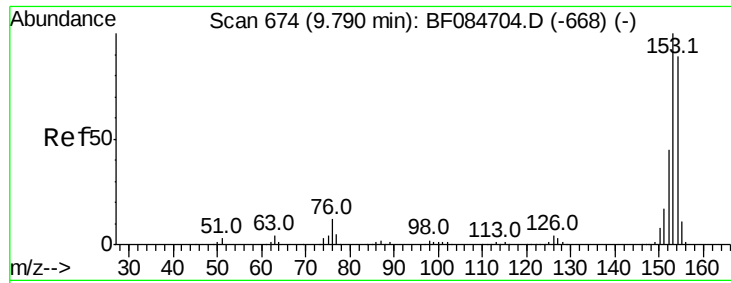
63 49.1 28.8 43.2#

89 50.9 35.1 52.7



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





#51

Acenaphthene

Concen: 37.78 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

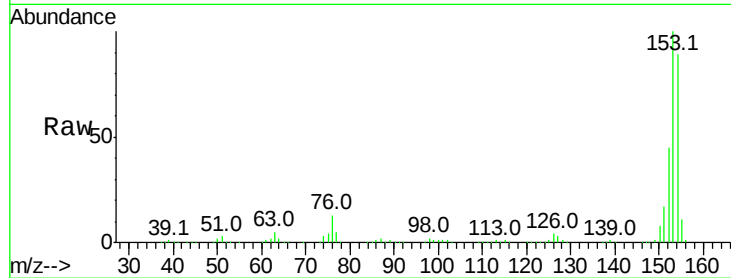
ClientSampleId :

SSTDICCC040

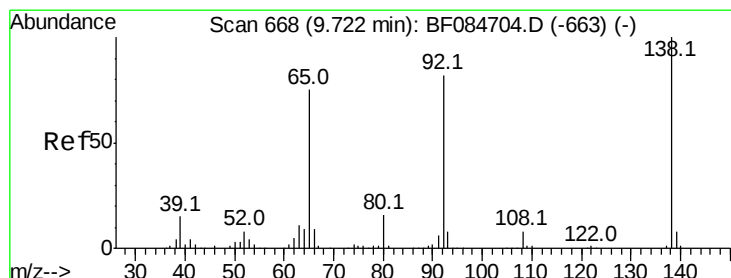
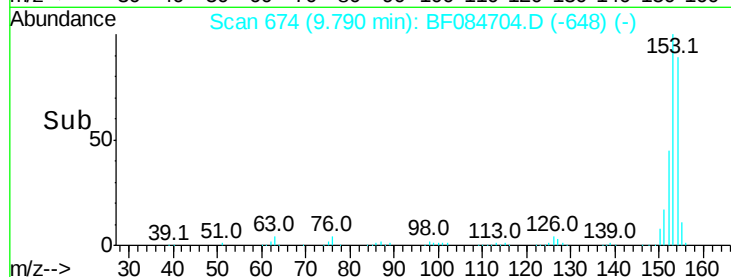
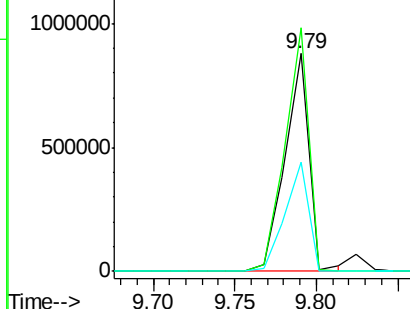
Tot Ion:	154	Resp:	902379
Ion Ratio	Lower	Upper	
154	100		
153	111.8	91.5	137.3
152	50.3	43.0	64.6

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



#52

3-Nitroaniline

Concen: 41.62 ng

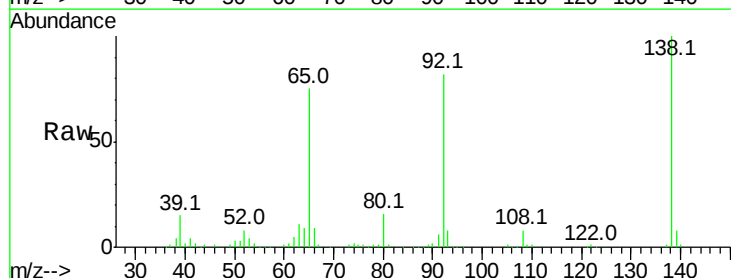
RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

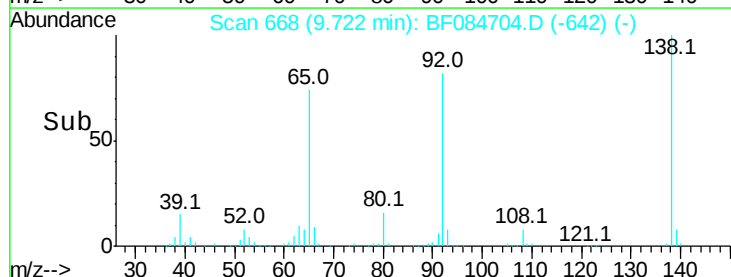
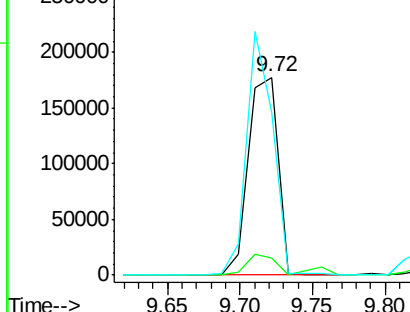
Lab File: BF084704.D

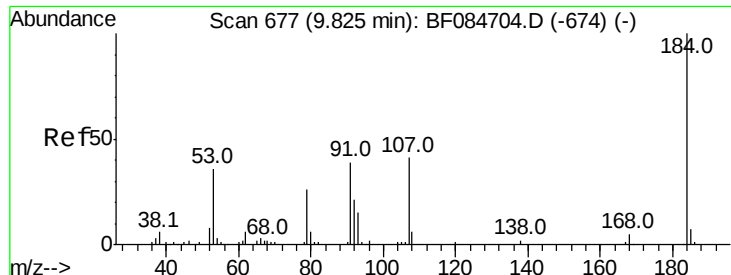
Acq: 1 Feb 2016 12:30

Tgt Ion:	138	Resp:	252834
Ion Ratio	Lower	Upper	
138	100		
108	8.5	10.5	15.7#
92	82.2	103.9	155.9#



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





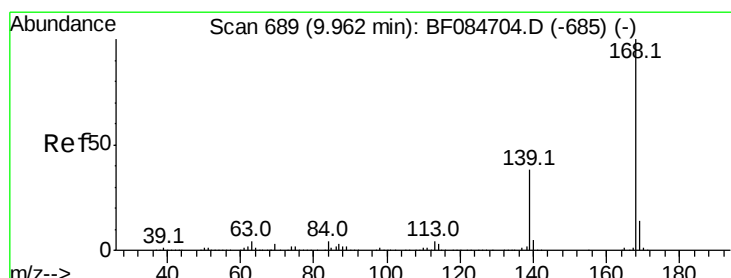
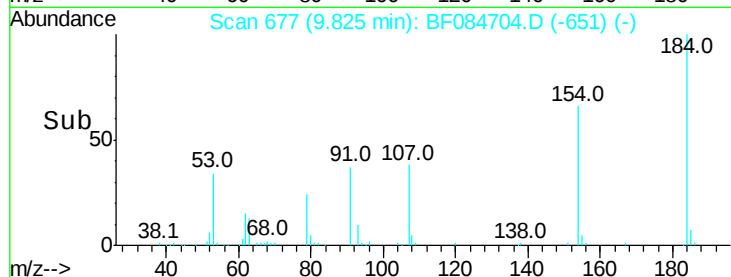
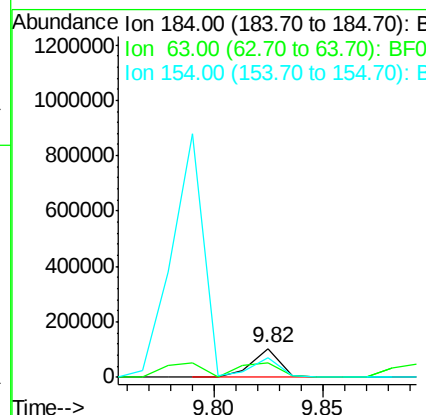
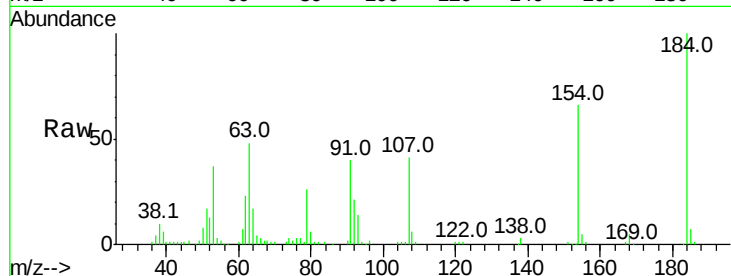
#53
 2,4-Dinitrophenol
 Concen: 34.65 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	99386		
63	47.5		43.1	64.7
154	65.9		60.5	90.7

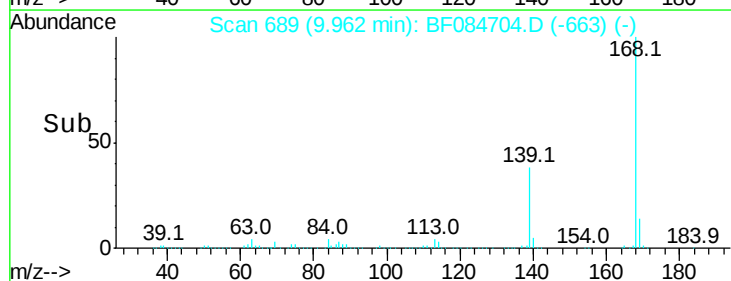
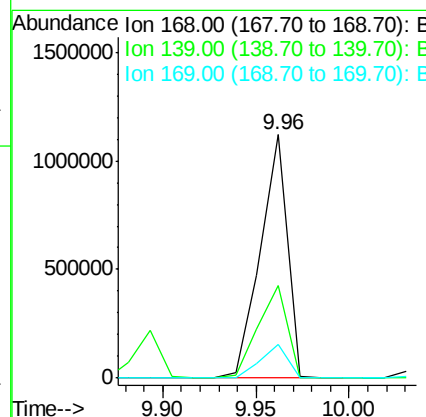
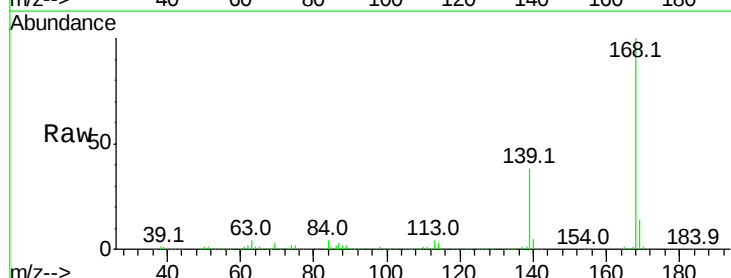
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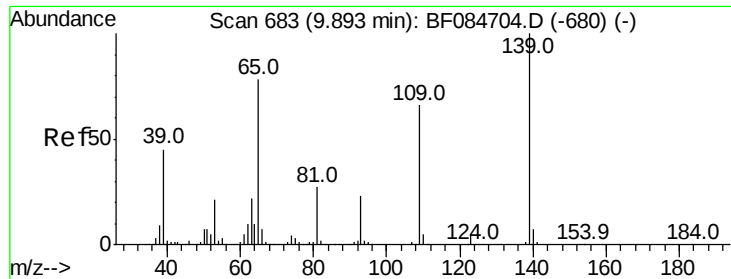
mohammad
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#54
 Dibenzofuran
 Concen: 39.20 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1117226		
139	38.1		30.5	45.7
169	13.6		10.4	15.6





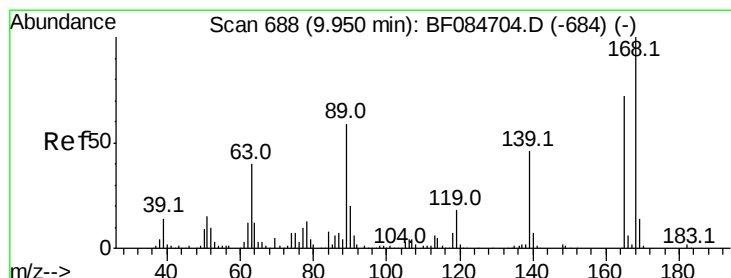
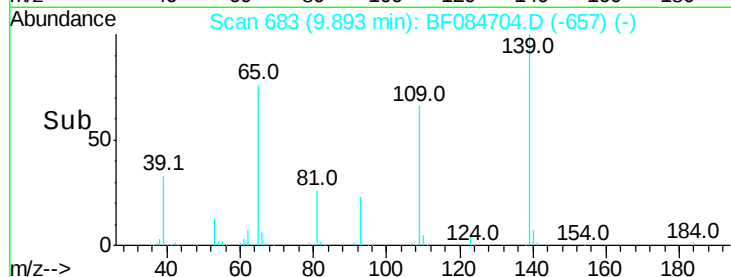
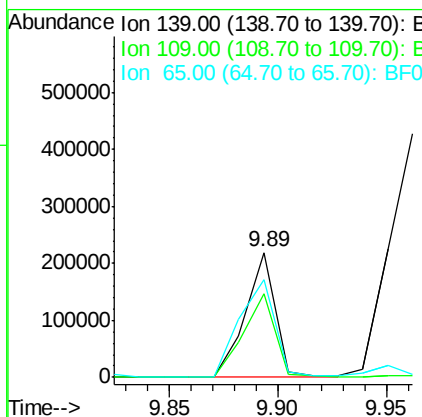
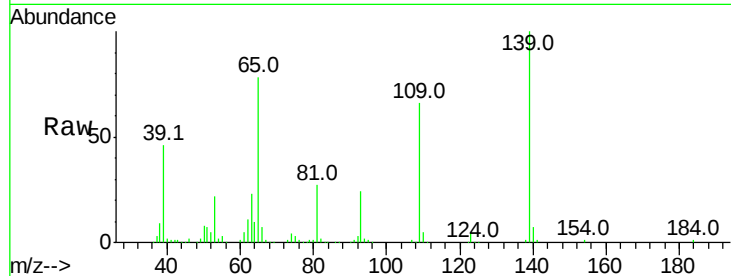
#55
4-Nitrophenol
Concen: 47.47 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	211797		
109	66.3	58.5	98.5	
65	77.9	57.6	97.6	

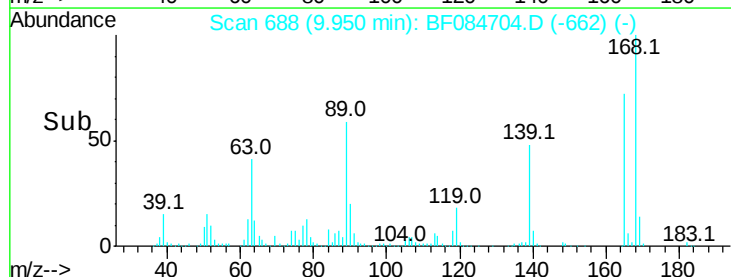
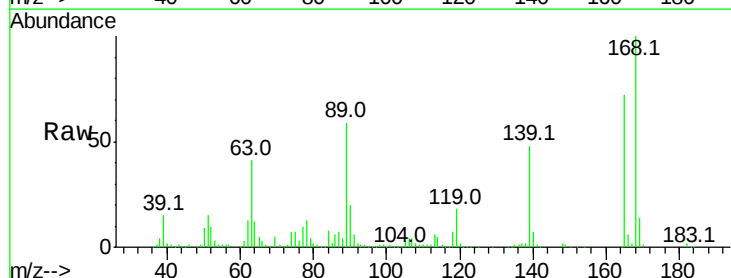
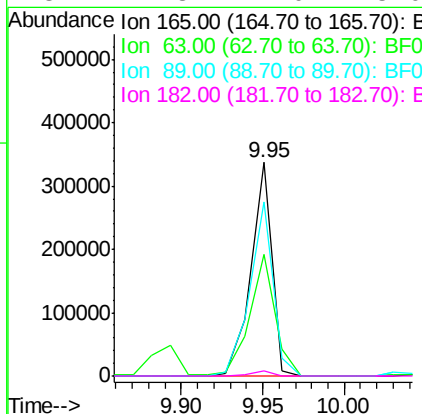
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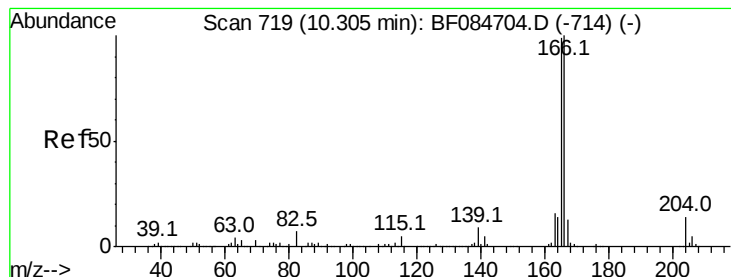
mohammad
2/2/2016 4:17:25 PM



#56
2,4-Dinitrotoluene
Concen: 39.92 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	301445		
63	57.2	36.7	55.1#	
89	81.8	61.9	92.9	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 39.23 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

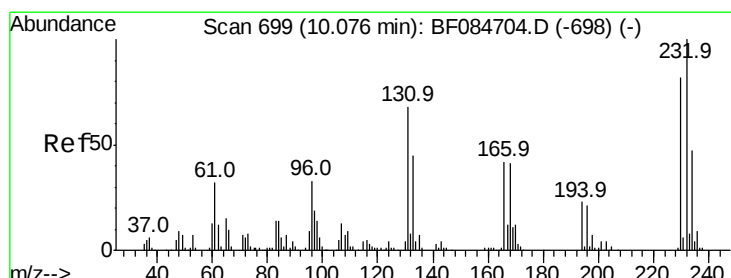
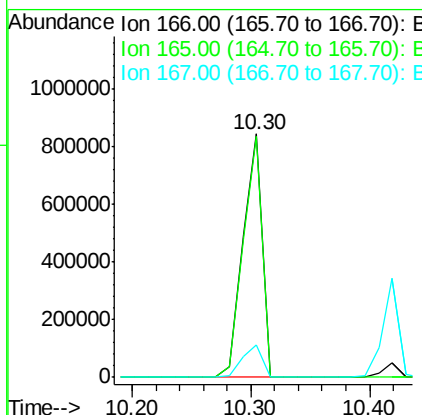
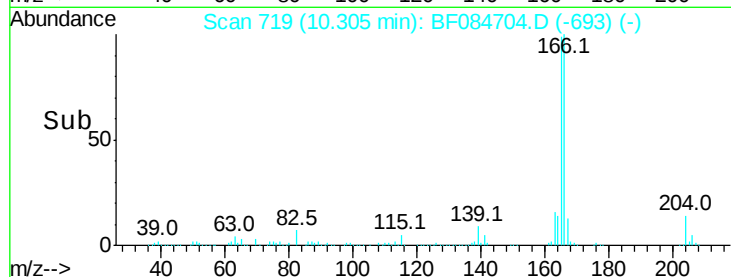
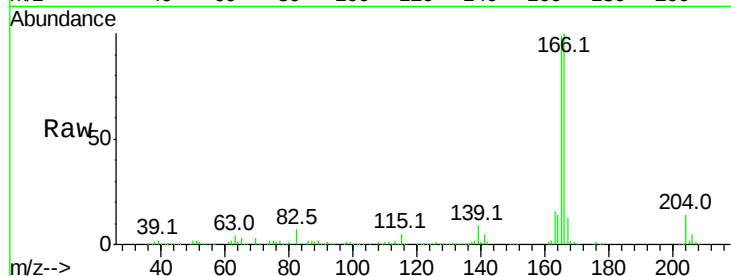
ClientSampleId :

SSTDICCC040

Tot Ion:	166	Resp:	947849
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.1	118.7
167	13.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.70 ng

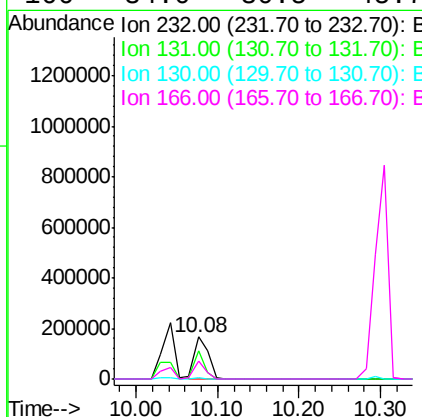
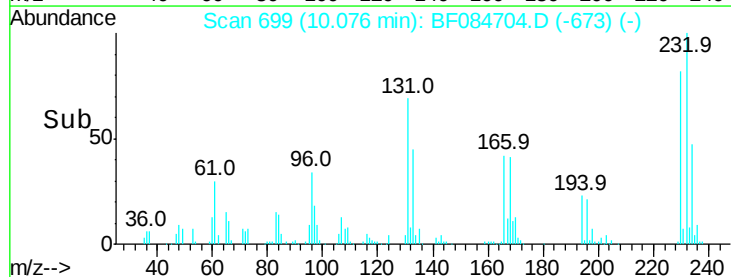
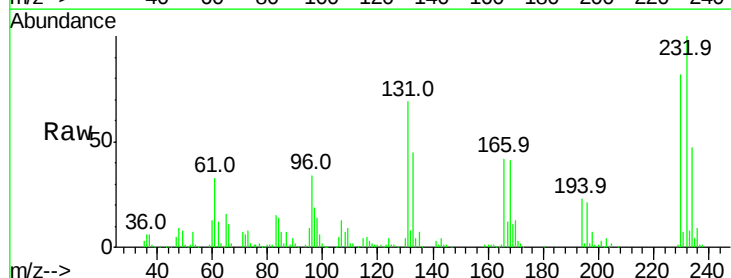
RT: 10.08 min Scan# 699

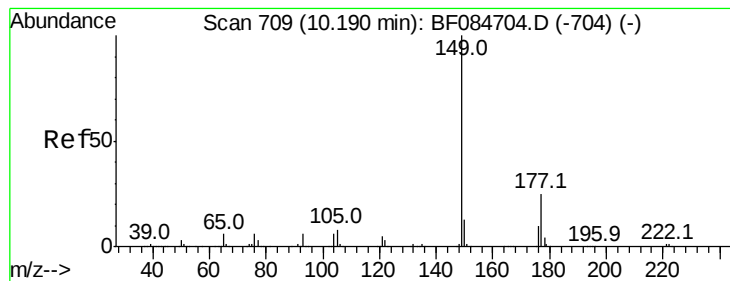
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:	232	Resp:	197625
Ion Ratio	Lower	Upper	
232	100		
131	53.3	47.0	70.6
130	2.8	2.0	3.0
166	34.0	30.5	45.7





#59

Diethylphthalate

Concen: 38.97 ng

RT: 10.19 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion:149 Resp: 1007980

Ion Ratio Lower Upper

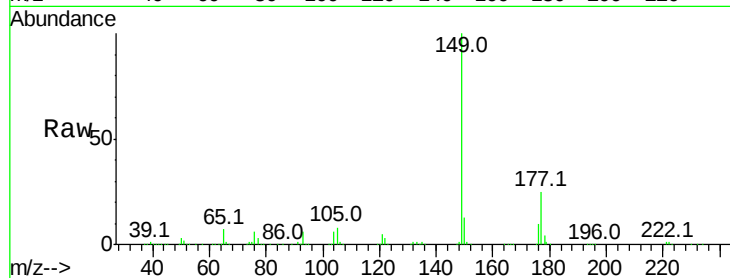
149 100

177 24.6 17.3 25.9

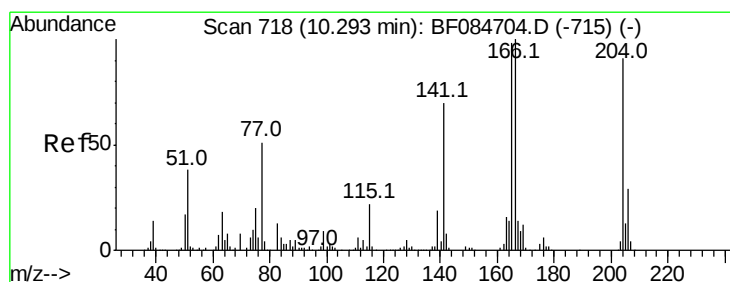
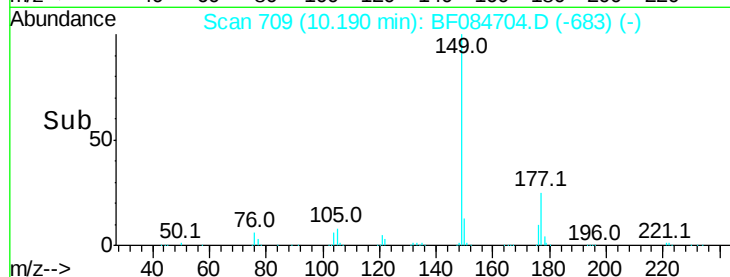
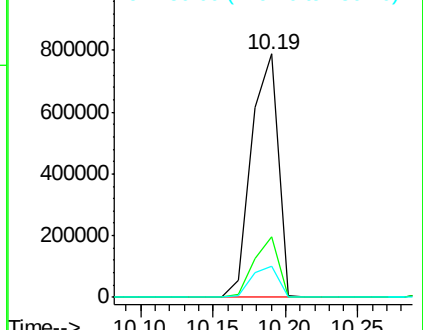
150 12.5 9.8 14.8

Manual Integrations
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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: 37.42 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

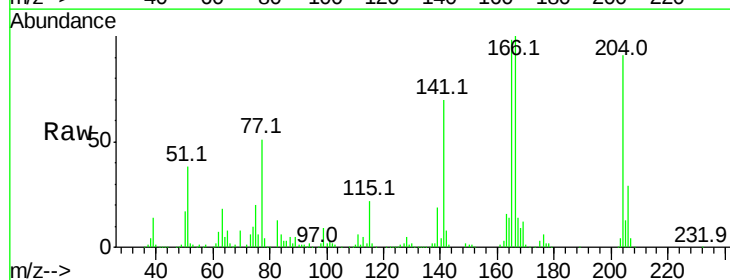
Tgt Ion:204 Resp: 405882

Ion Ratio Lower Upper

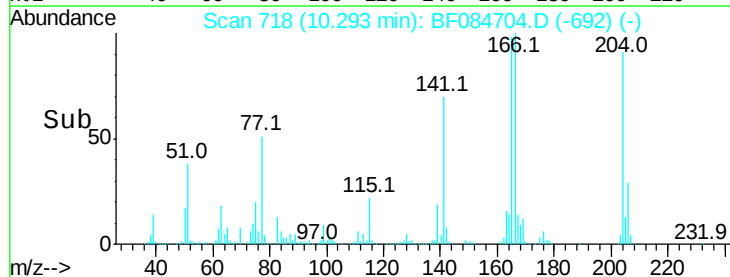
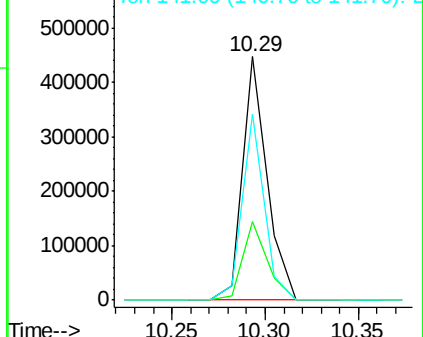
204 100

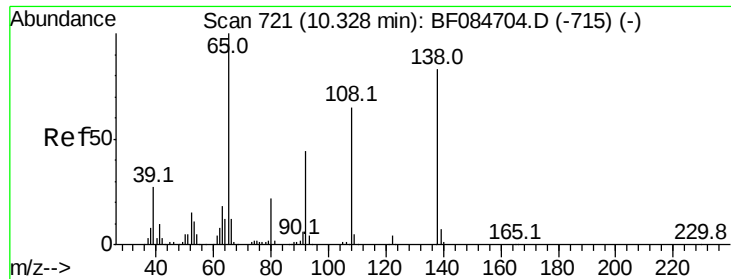
206 32.4 25.7 38.5

141 76.6 55.1 82.7



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: 43.15 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:138 Resp: 248075

Ion Ratio Lower Upper

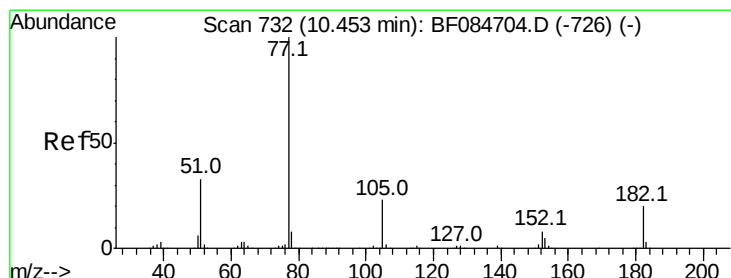
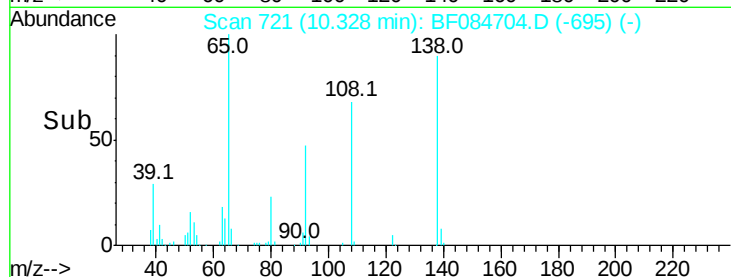
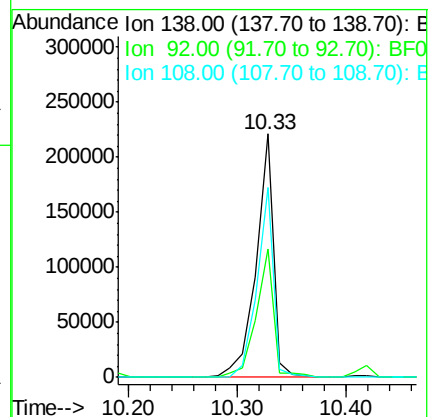
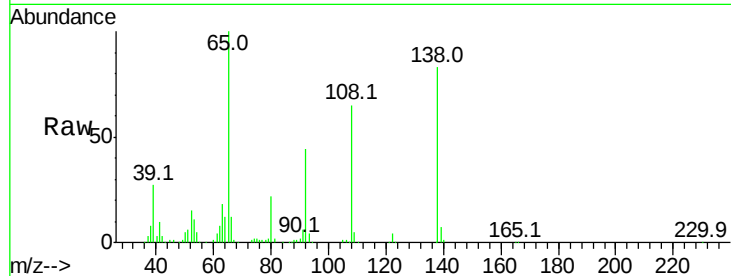
138 100

92 52.5 32.6 72.6

108 78.0 68.6 108.6

Manual Integrations
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#62

Azobenzene

Concen: 39.83 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion: 77 Resp: 986050

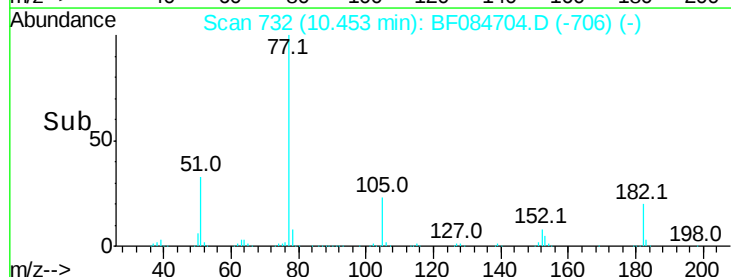
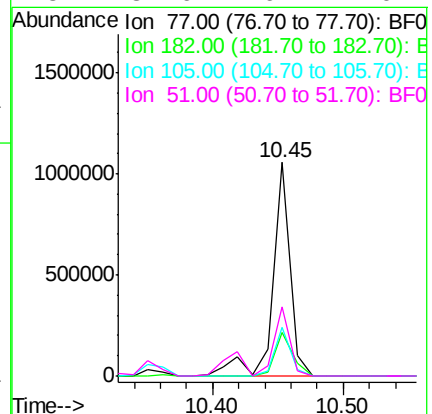
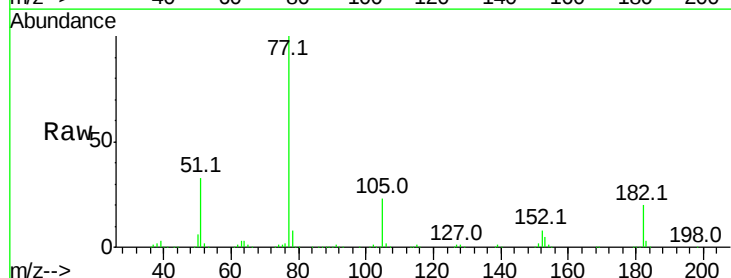
Ion Ratio Lower Upper

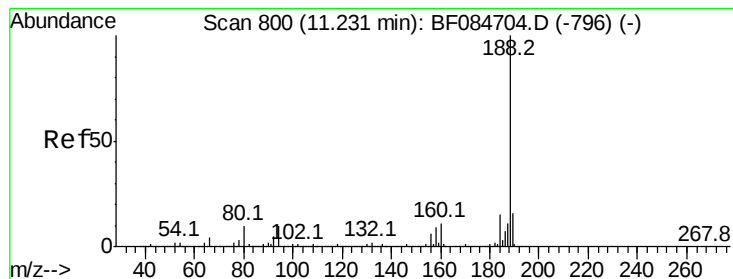
77 100

182 20.2 8.3 48.3

105 22.8 4.6 44.6

51 32.6 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

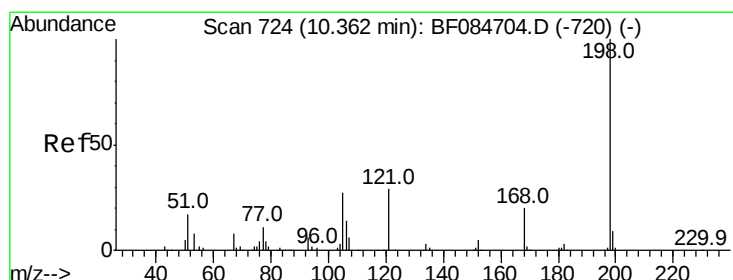
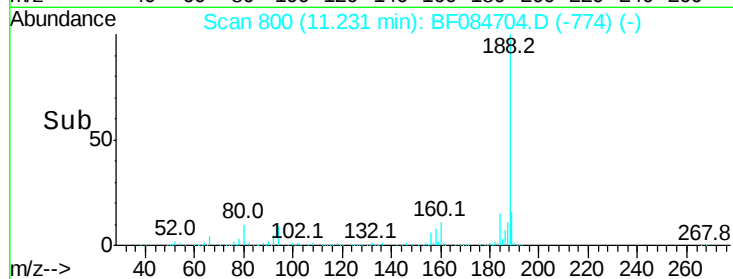
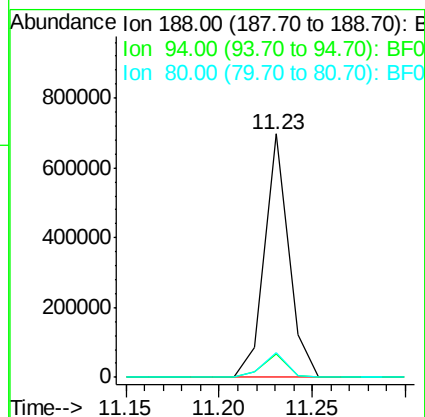
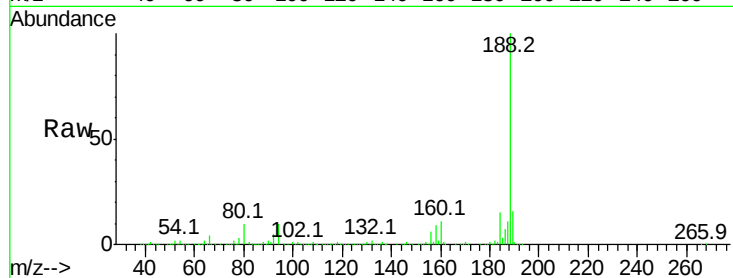
ClientSampleId :

SSTDICCC040

Tot Ion:	188	Resp:	622875
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.0	13.4
80	10.3	9.6	14.4

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 39.96 ng

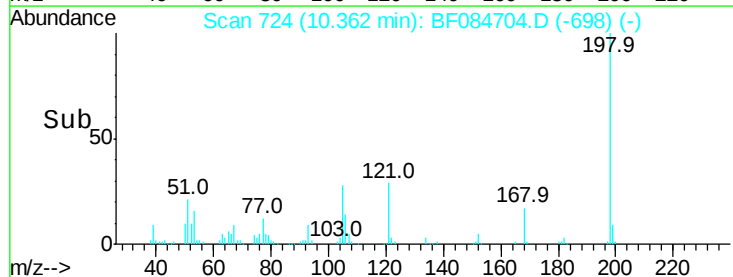
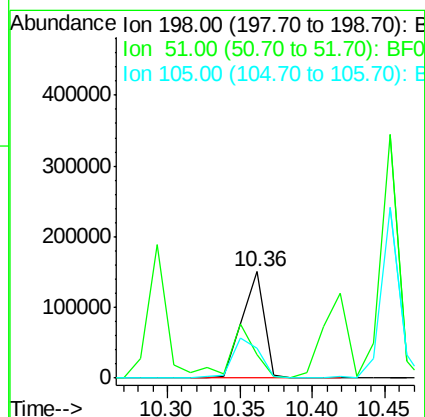
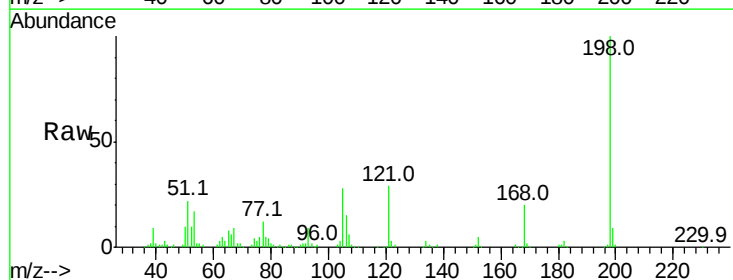
RT: 10.36 min Scan# 724

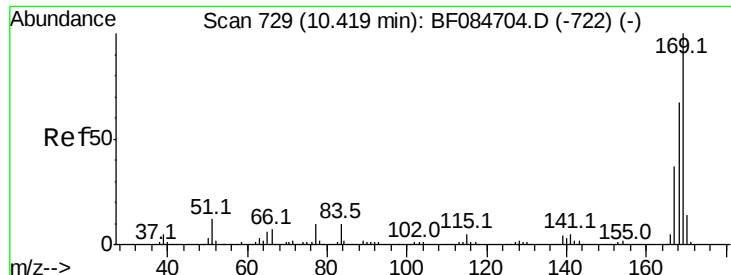
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:	198	Resp:	162585
Ion Ratio	Lower	Upper	
198	100		
51	21.6	18.9	58.9
105	28.2	26.4	66.4





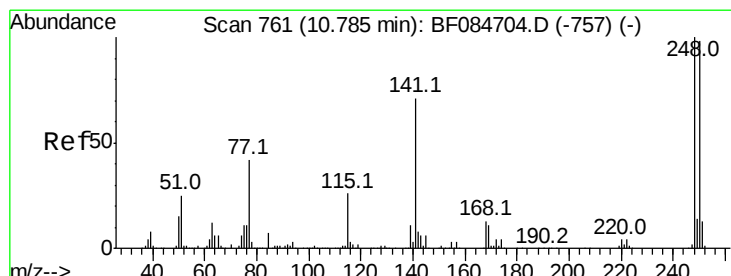
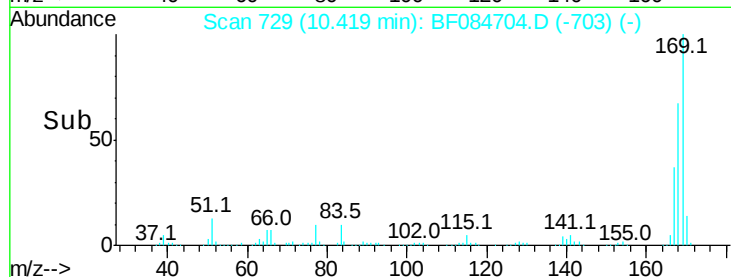
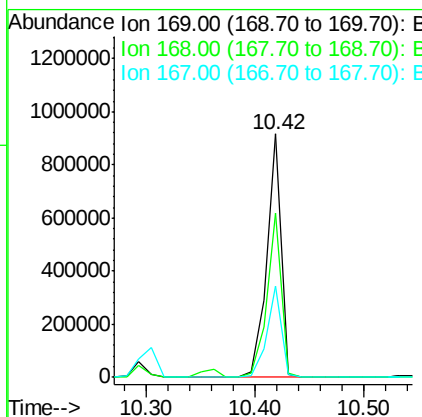
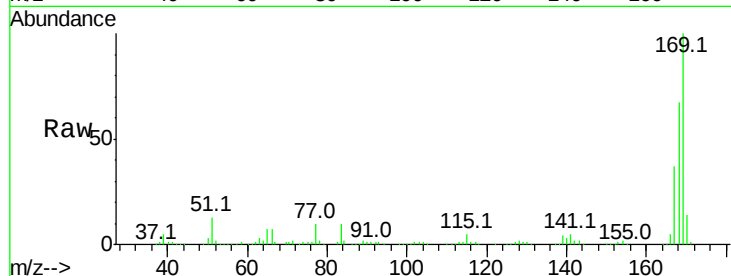
#65
 n-Nitrosodiphenylamine
 Concen: 42.30 ng
 RT: 10.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	854297		
168	67.5		55.1	82.7
167	37.3		30.0	45.0

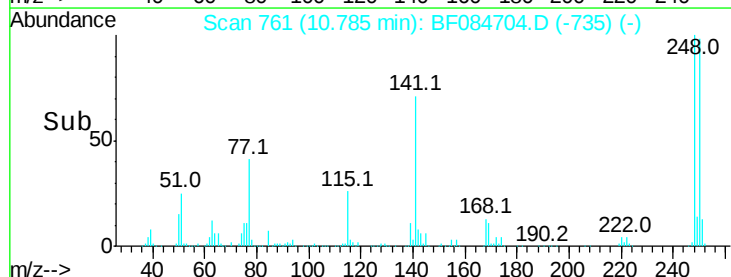
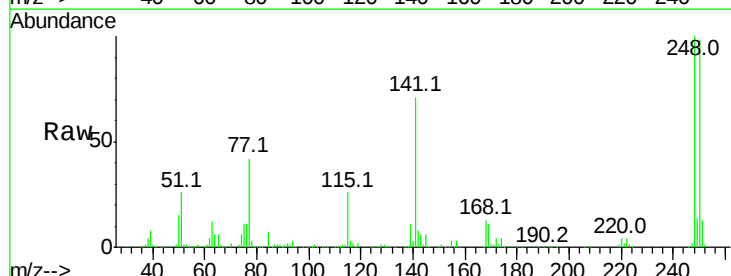
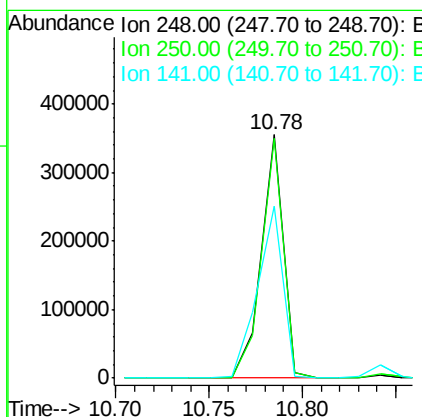
Manual Integrations
 APPROVED

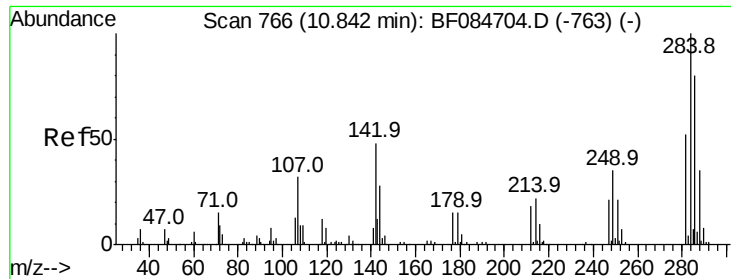
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 42.11 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	295432		
250	98.5		78.4	117.6
141	70.8		44.0	66.0#





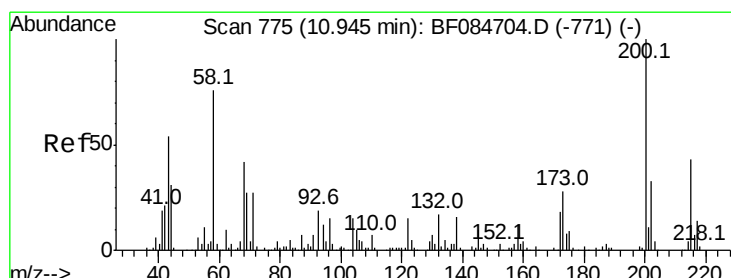
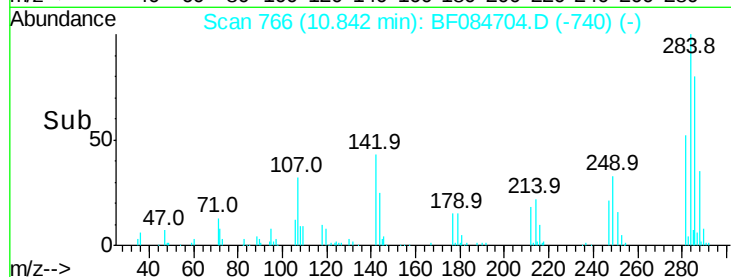
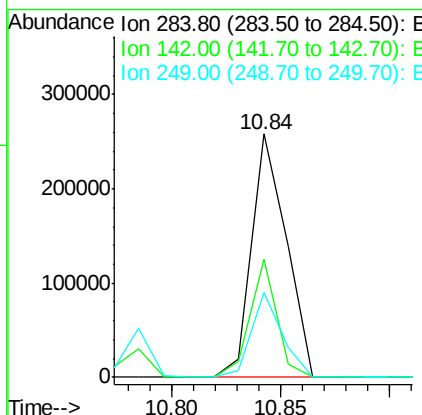
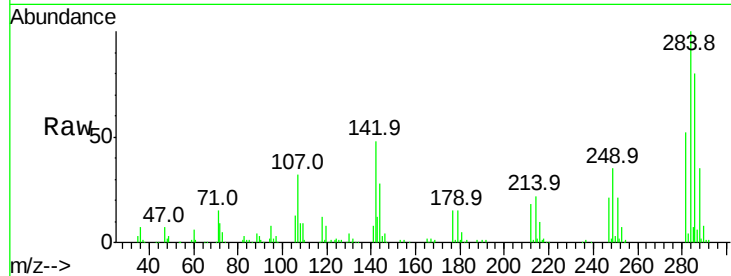
#67
Hexachlorobenzene
Concen: 37.51 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	48.4	22.2	33.4#
249	34.7	24.6	37.0

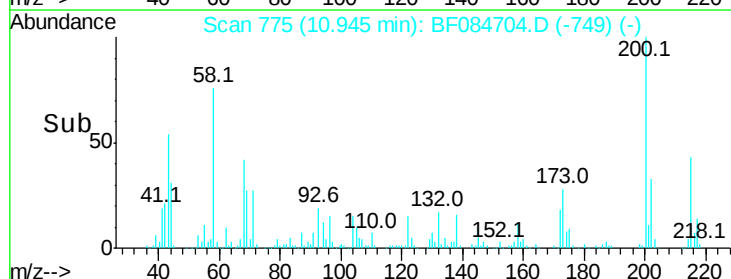
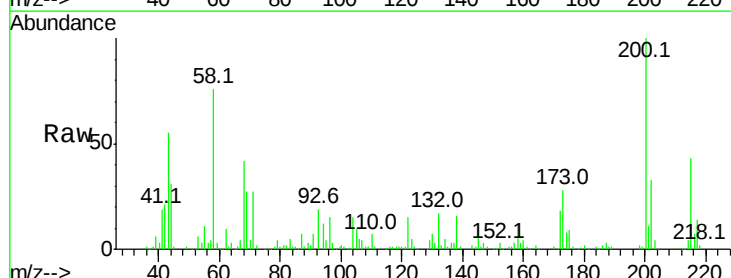
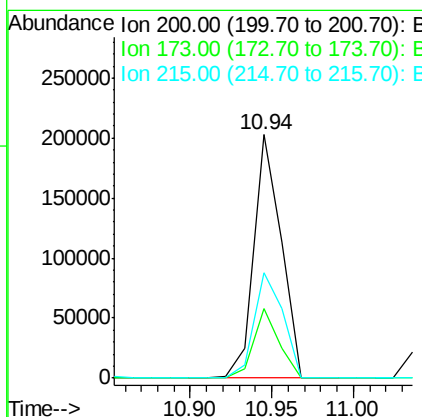
Manual Integrations
APPROVED

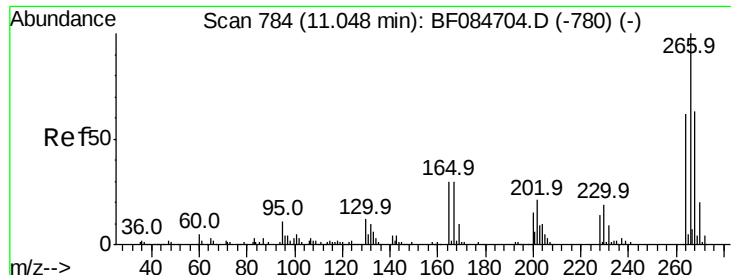
mohammad
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#68
Atrazine
Concen: 38.84 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	9.5	49.5
215	43.3	23.8	63.8





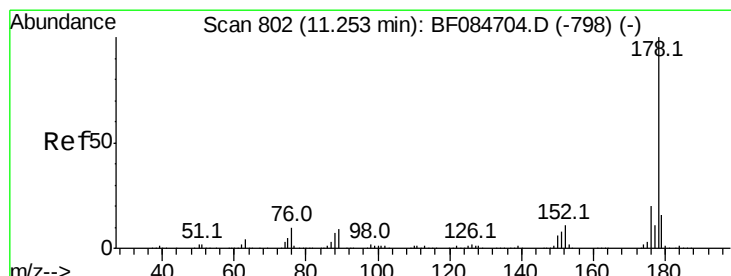
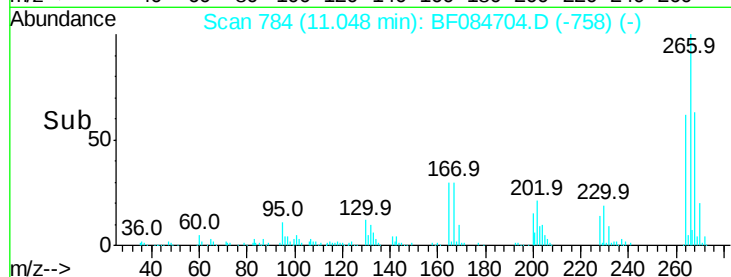
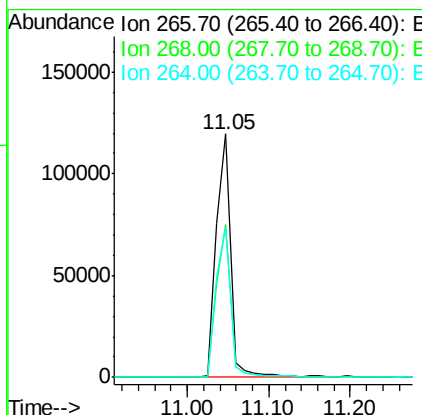
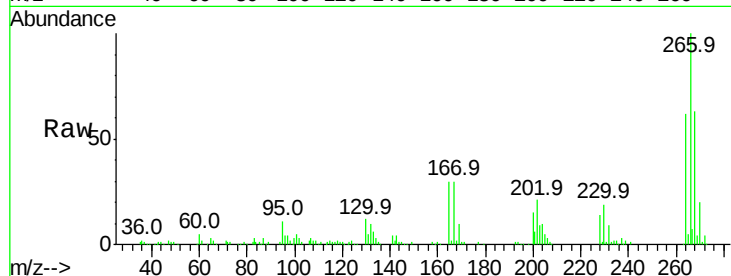
#69
 Pentachlorophenol
 Concen: 40.03 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	147577		
268	62.9	52.4	78.6	
264	61.8	50.2	75.2	

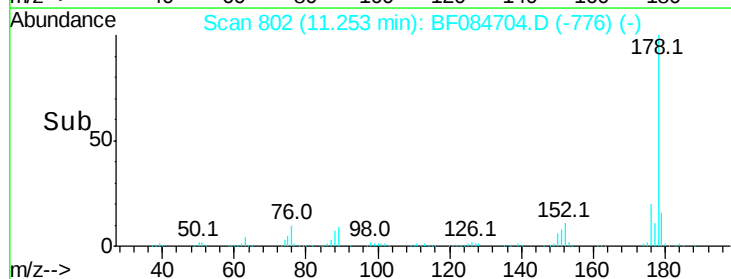
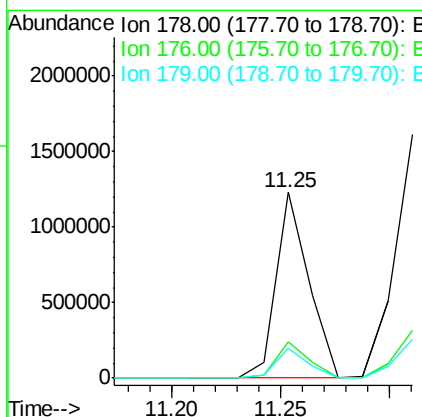
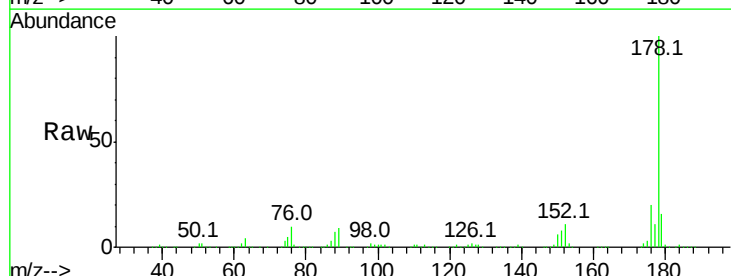
Manual Integrations
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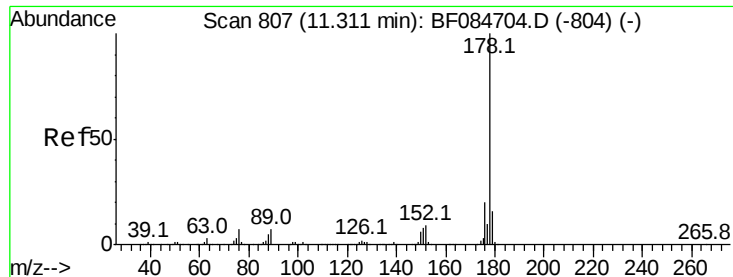
mohammad
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#70
 Phenanthrene
 Concen: 37.53 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1292473		
176	19.6	15.3	22.9	
179	16.2	12.0	18.0	





#71

Anthracene

Concen: 42.55 ng

RT: 11.31 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1489997

Ion Ratio Lower Upper

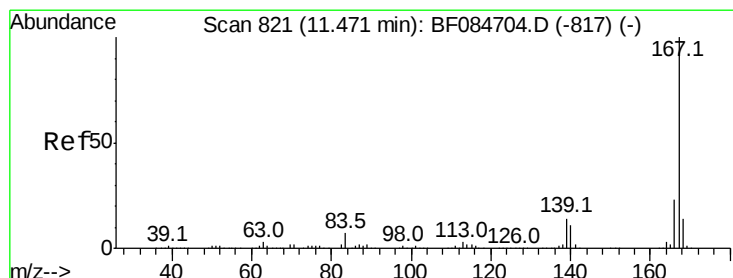
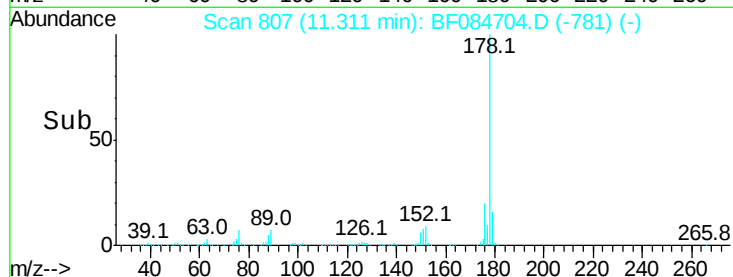
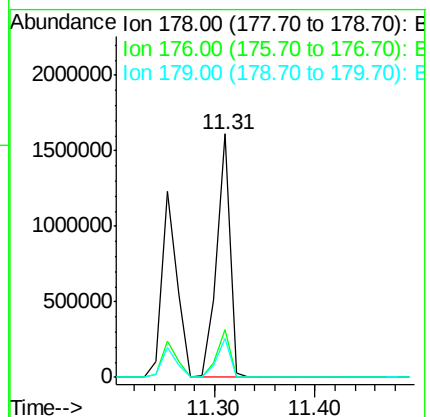
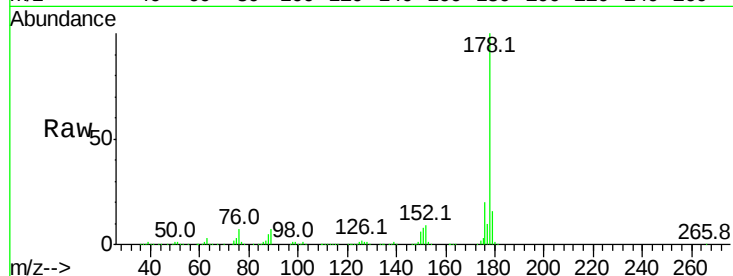
178 100

176 19.9 15.4 23.0

179 16.1 12.5 18.7

Manual Integrations
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#72

Carbazole

Concen: 43.49 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

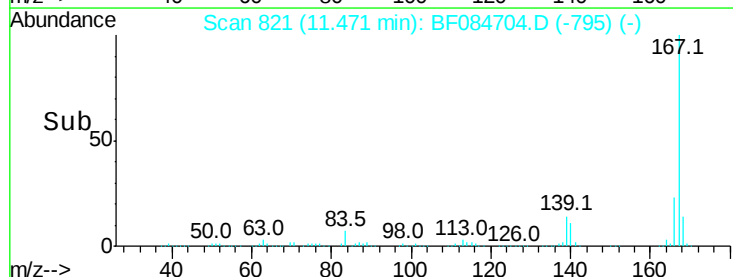
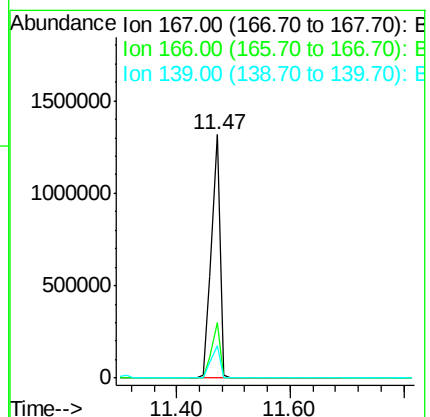
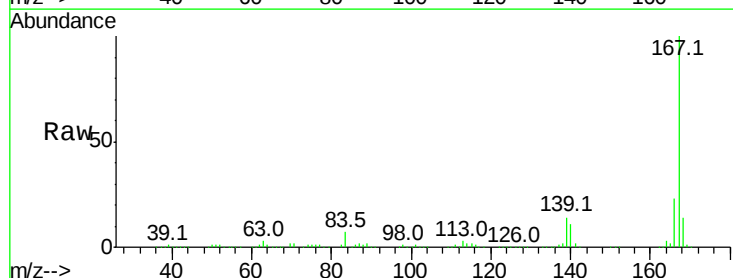
Tgt Ion:167 Resp: 1312589

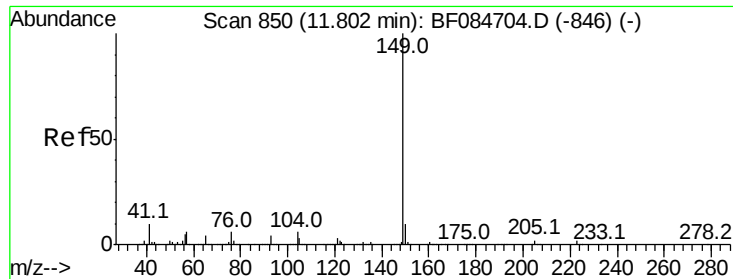
Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

139 13.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 40.47 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1485626

Ion Ratio Lower Upper

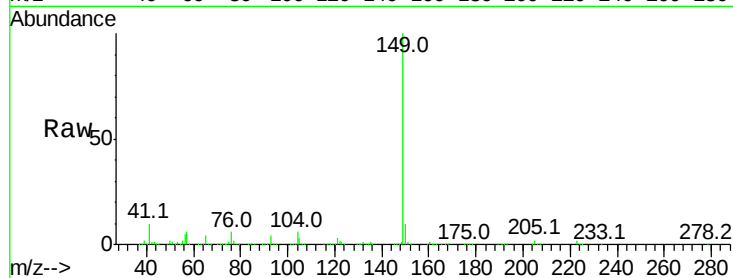
149 100

150 10.1 7.1 10.7

104 5.9 3.2 4.8#

Manual Integrations
APPROVED

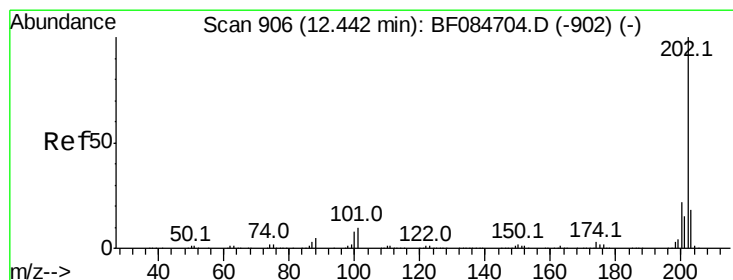
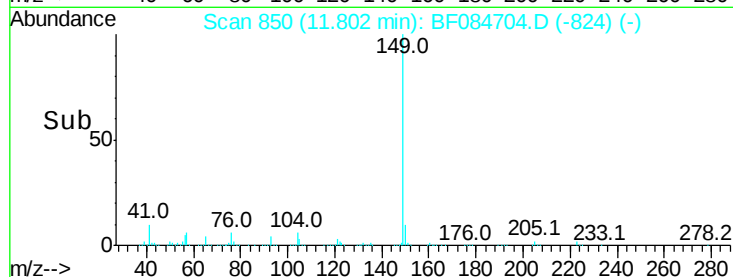
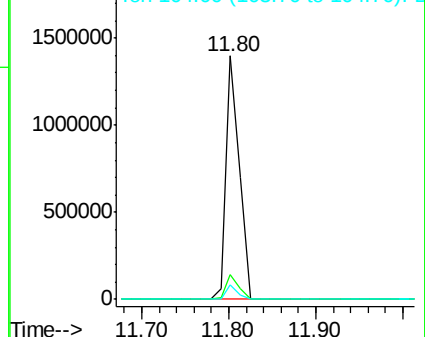
mohammad
2/2/2016 4:17:25 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.91 ng

RT: 12.44 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

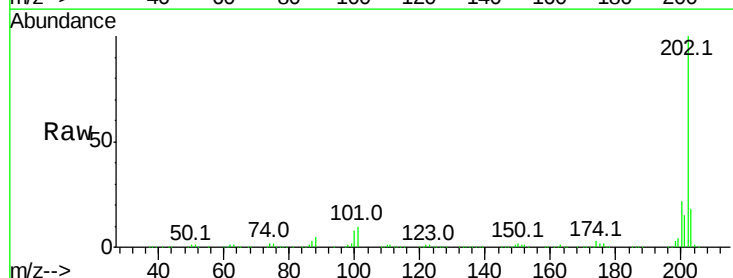
Tgt Ion:202 Resp: 1461159

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.8

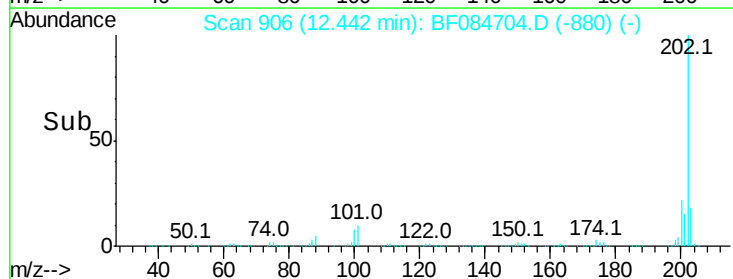
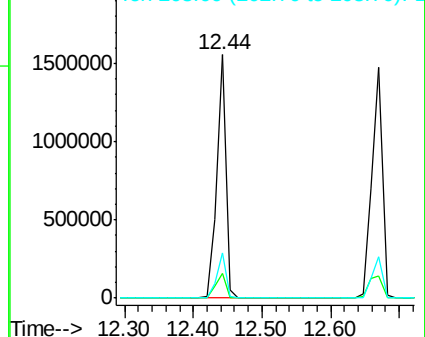
203 18.5 0.0 37.9

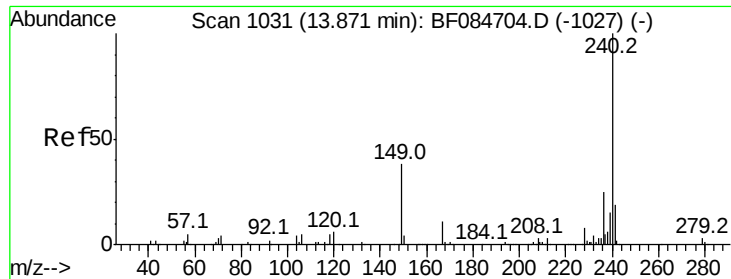


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

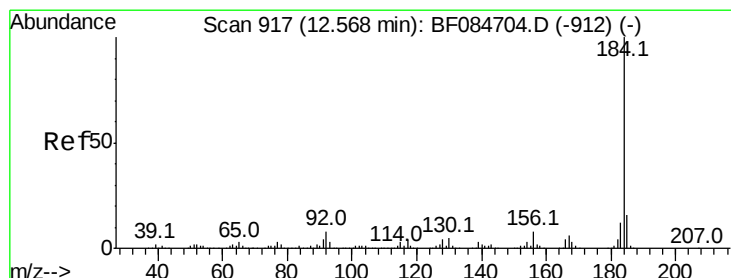
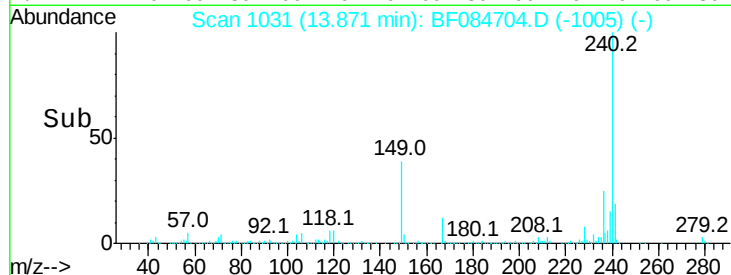
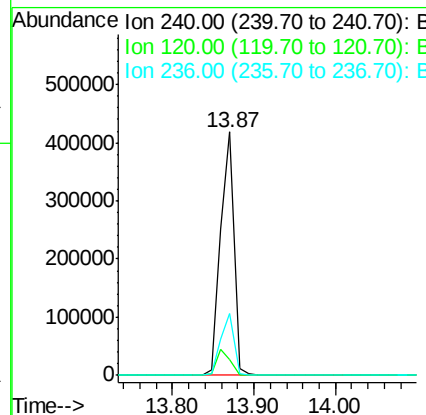
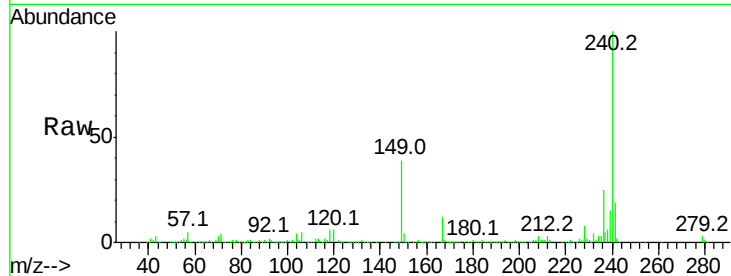
ClientSampled :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.2	9.5	14.3	
236	25.2	20.6	31.0	

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#76

Benzidine

Concen: 37.55 ng

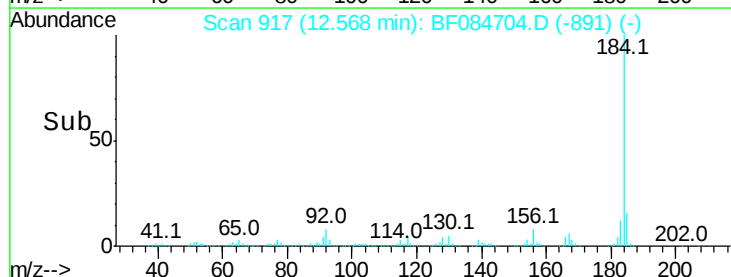
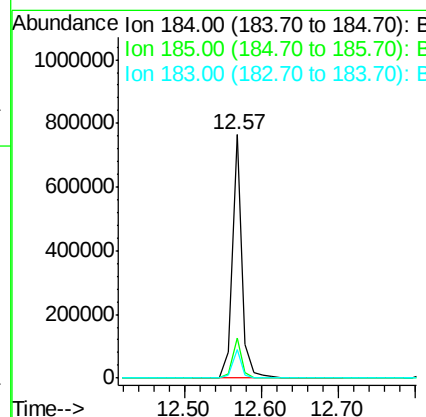
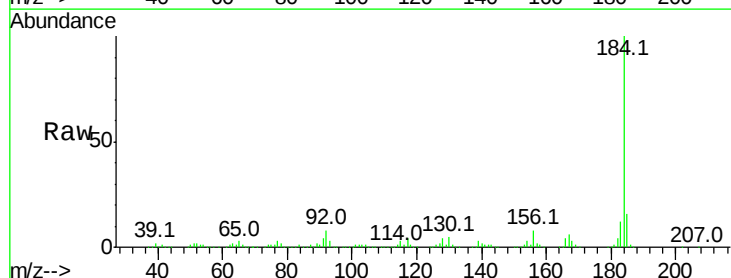
RT: 12.57 min Scan# 917

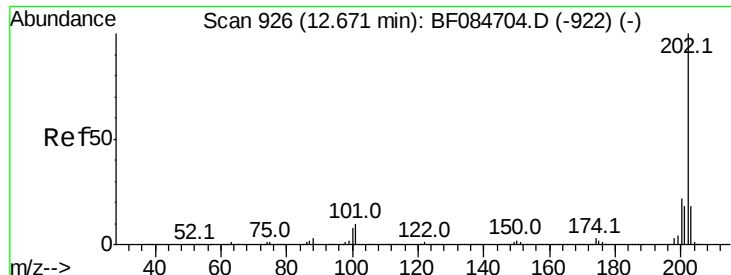
Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	16.3	12.2	18.2	
183	11.6	9.8	14.8	





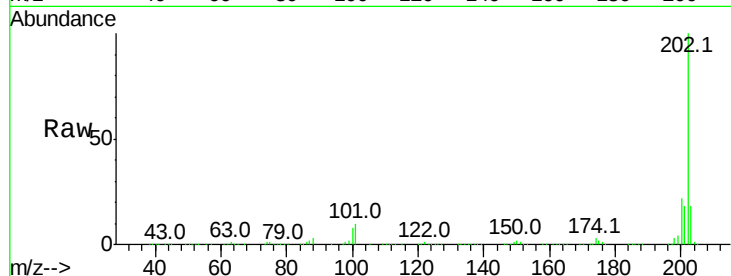
#77
Pvrene
Concen: 42.39 ng
RT: 12.67 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

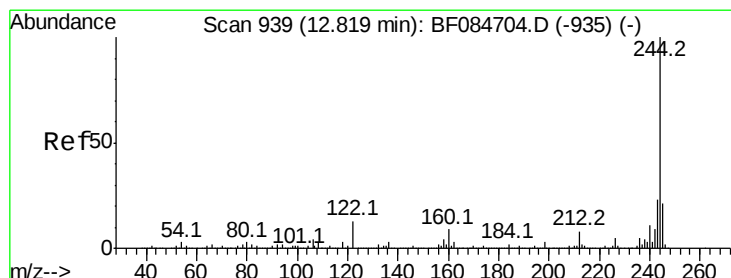
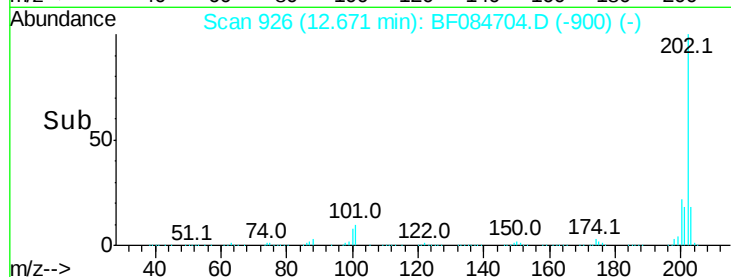
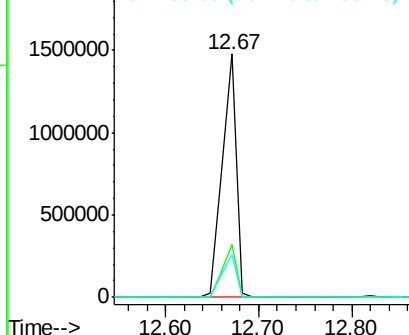
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.8	14.3	21.5

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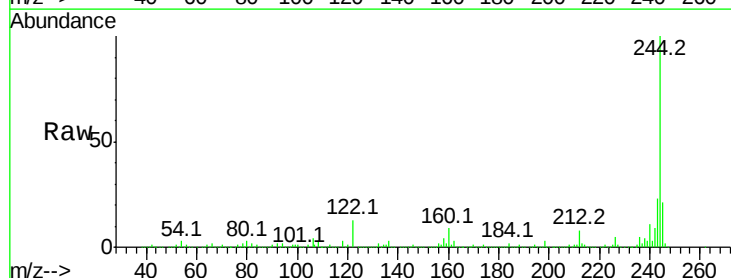


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

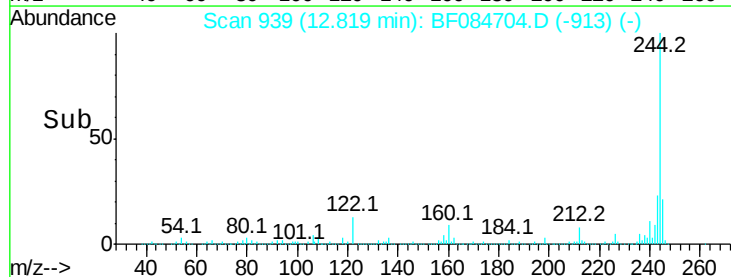
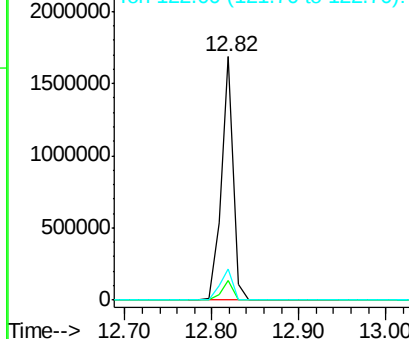


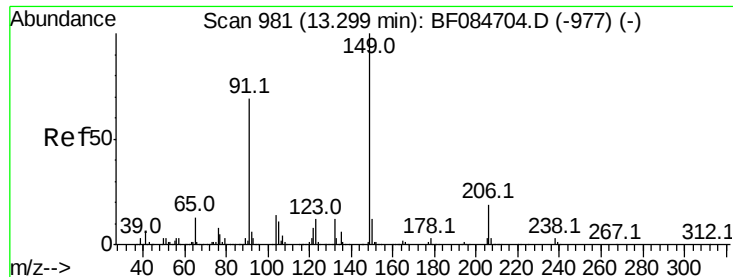
#78
Terphenyl-d14
Concen: 76.23 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	12.8	7.4	11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





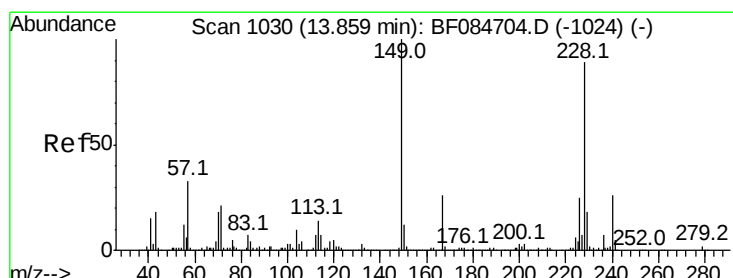
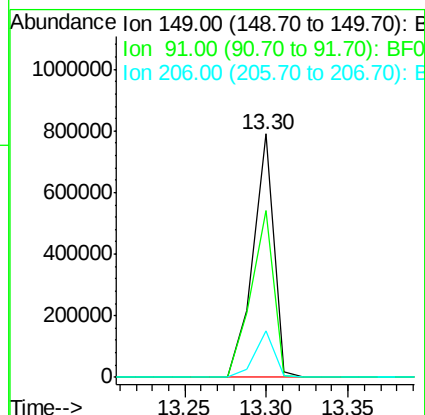
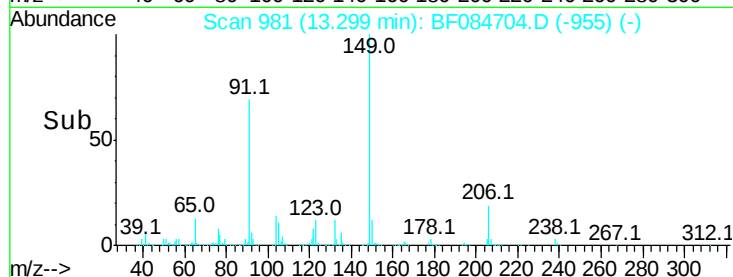
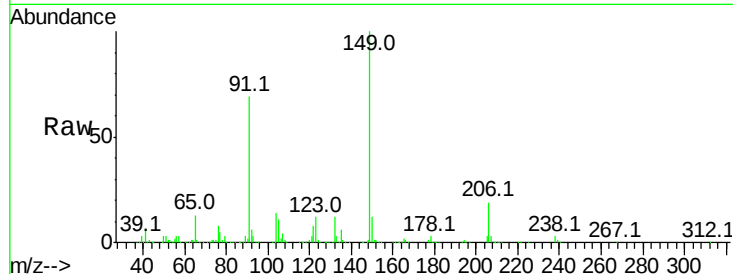
#79
Butylbenzylphthalate
Concen: 45.93 ng
RT: 13.30 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	707981		
91	68.6	57.6	86.4	
206	19.1	13.2	19.8	

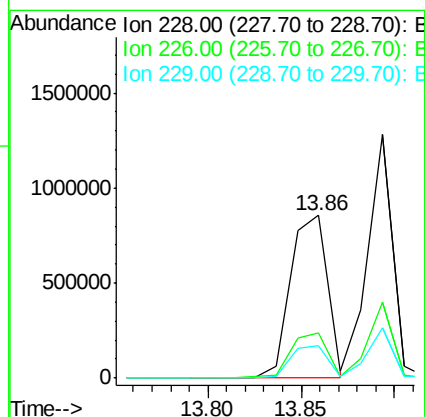
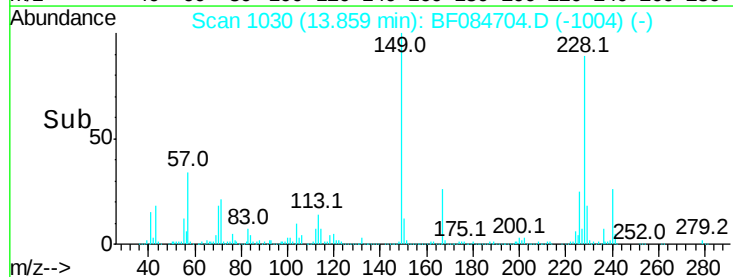
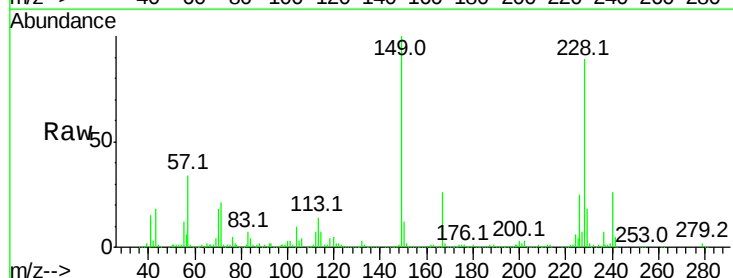
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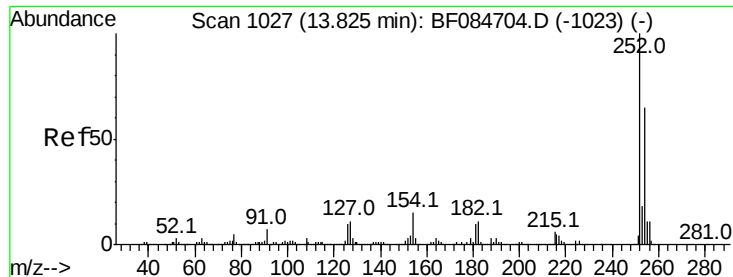
mohammad
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#80
Benzo(a)anthracene
Concen: 39.84 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1188250		
226	27.6	21.8	32.6	
229	19.9	15.8	23.8	





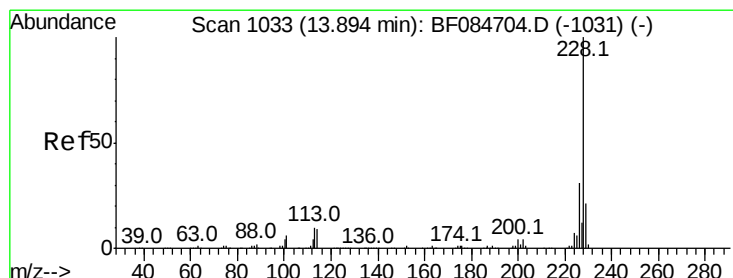
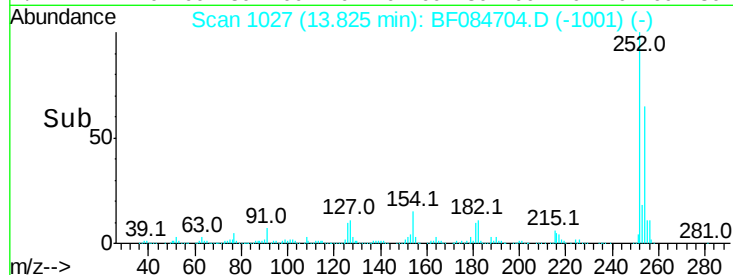
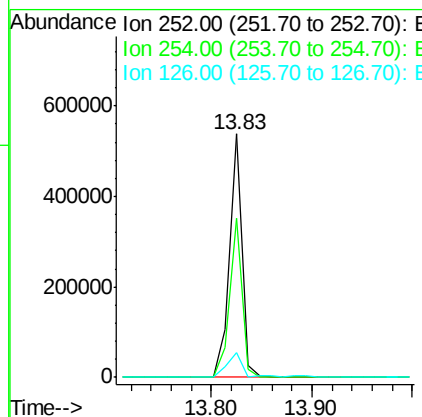
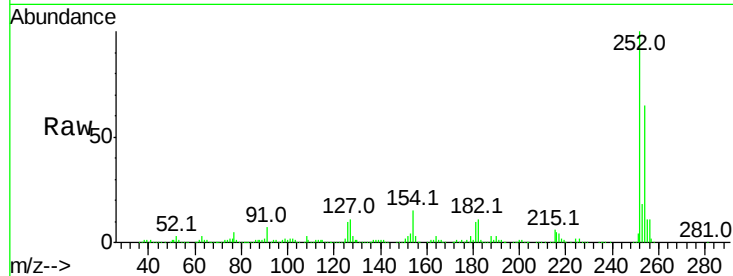
#81
 3,3'-Dichlorobenzidine
 Concen: 44.21 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	463910		
254	65.2	53.5	80.3	
126	10.2	4.9	7.3	

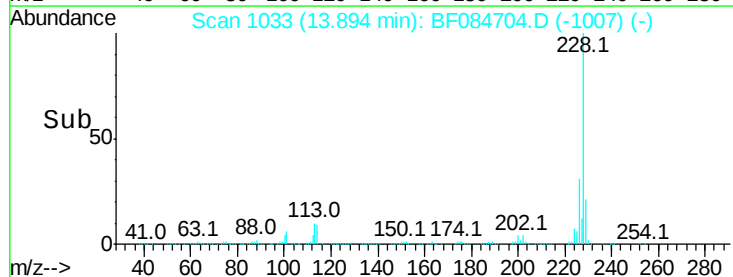
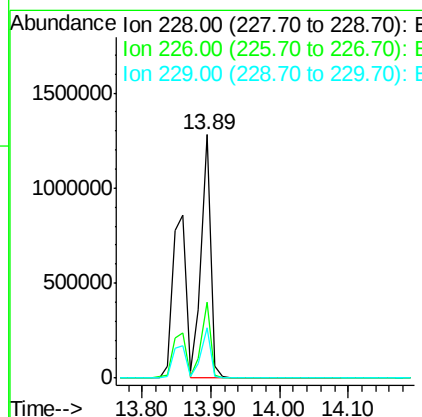
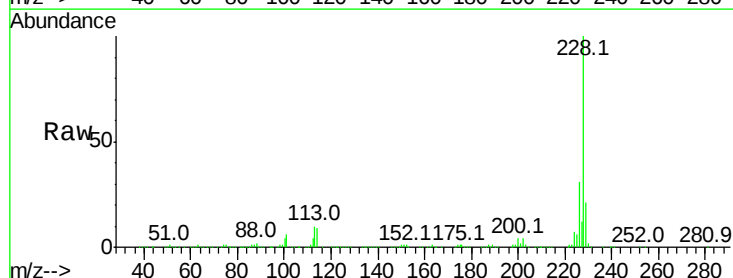
Manual Integrations
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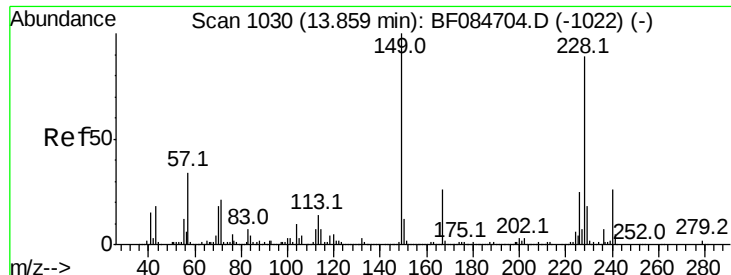
mohammad
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#82
 Chrysene
 Concen: 40.35 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1186296		
226	31.3	24.3	36.5	
229	20.6	16.1	24.1	





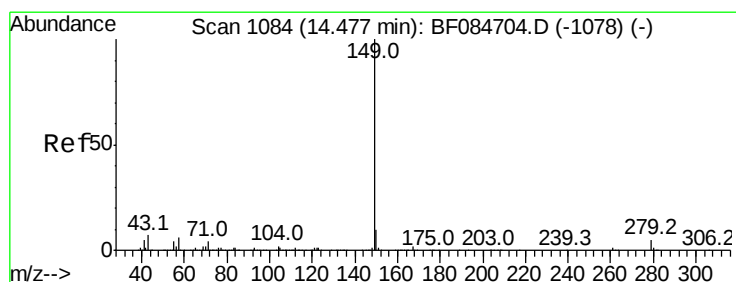
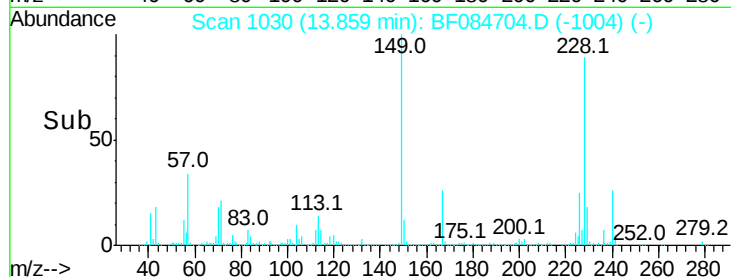
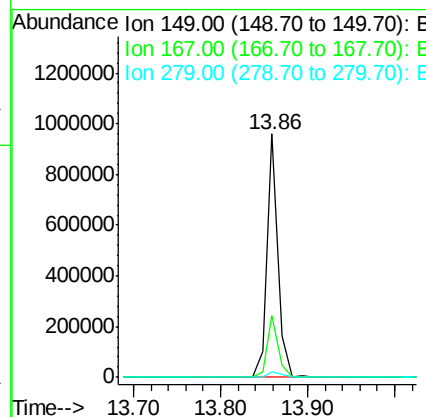
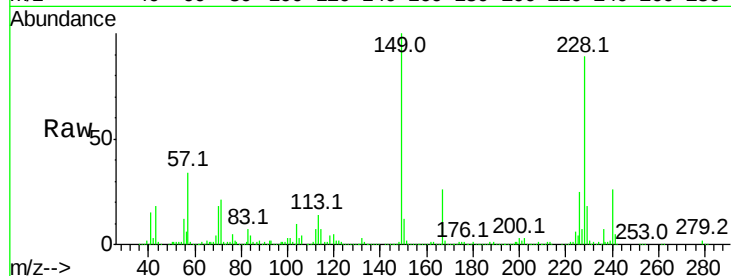
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.42 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.5	19.7	29.5	
279	2.4	1.8	2.6	

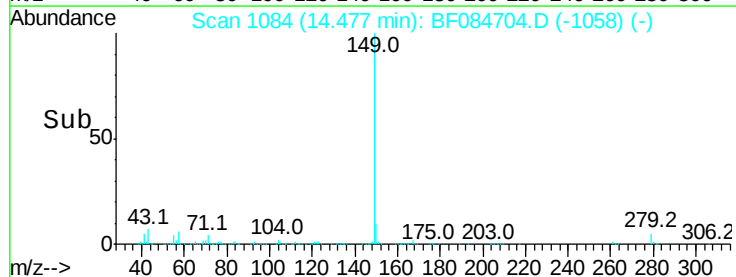
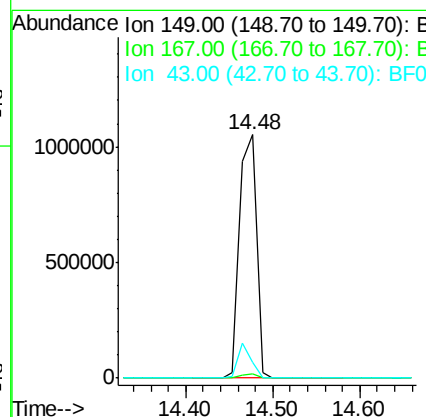
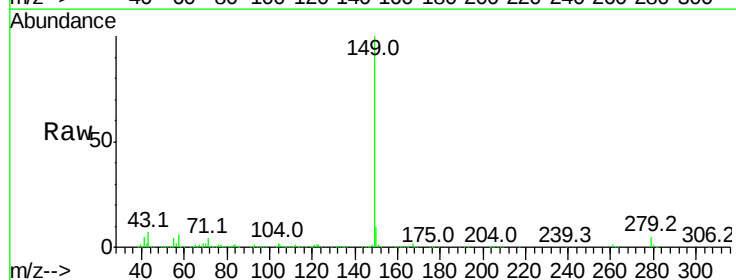
Manual Integrations
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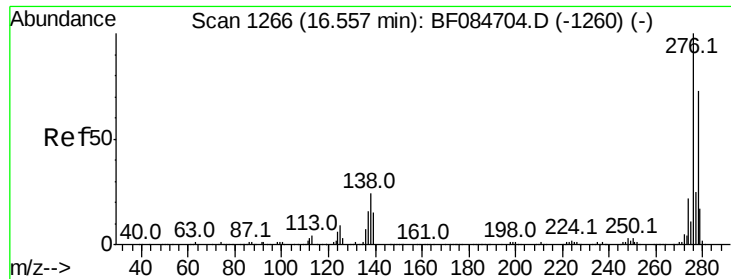
mohammad
2/2/2016 4:17:25 PM



#84
Di-n-octyl phthalate
Concen: 44.47 ng
RT: 14.48 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	11.1	5.6	8.4#	





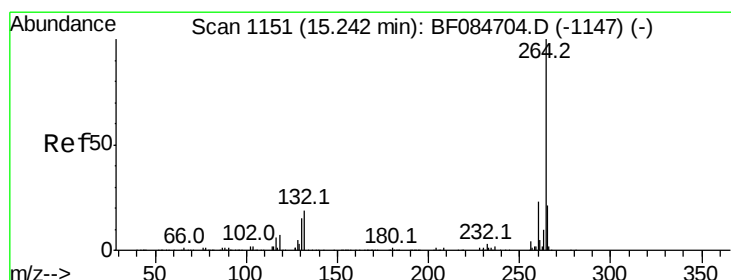
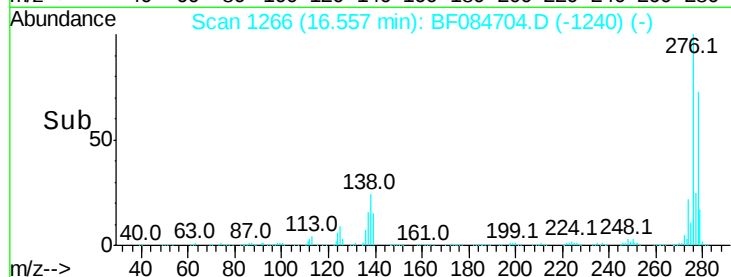
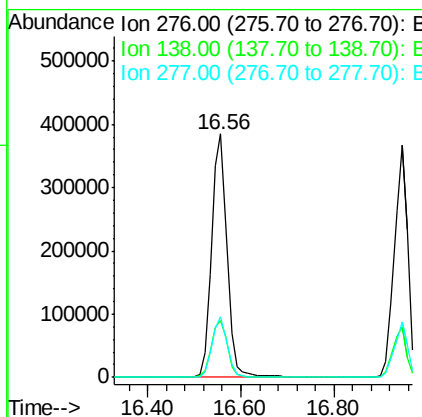
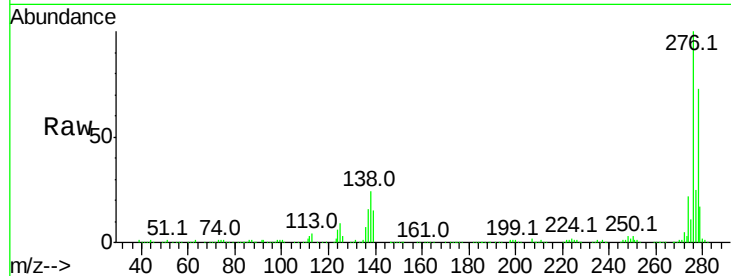
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.24 ng
RT: 16.56 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.6	30.8
277	24.7	20.1	30.1

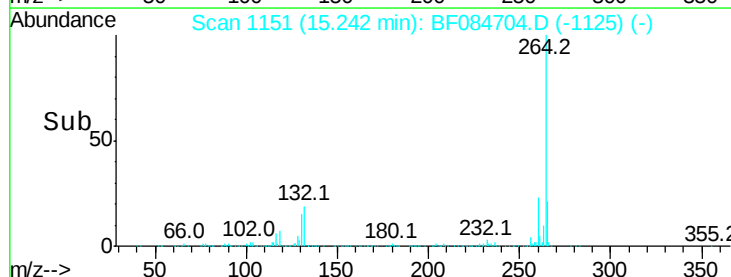
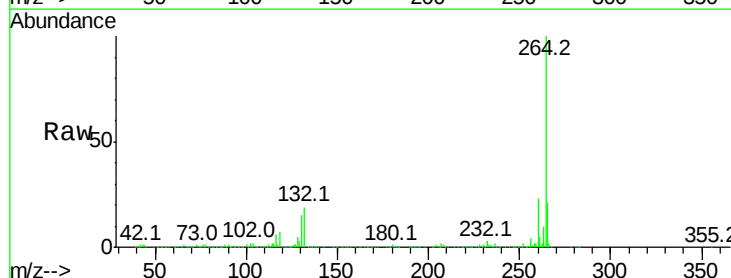
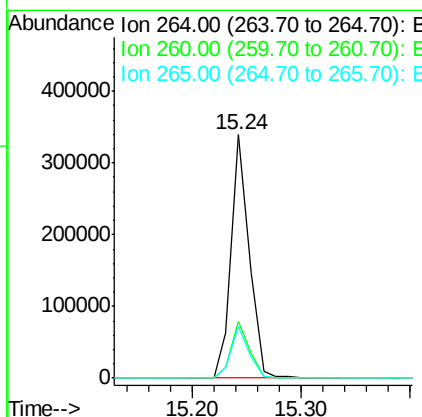
Manual Integrations
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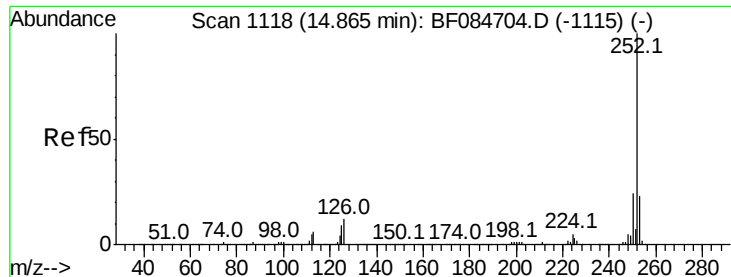
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 41.91 ng m

RT: 14.87 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:252 Resp: 1059506

Ion Ratio Lower Upper

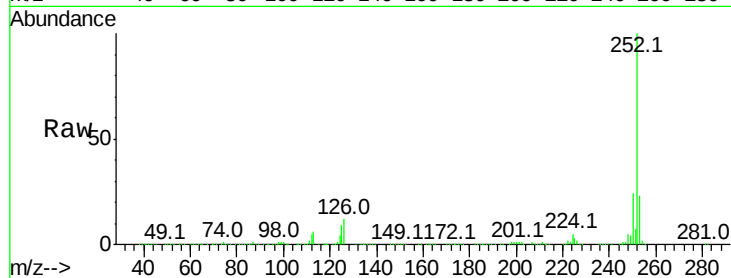
252 100

253 22.5 17.3 25.9

125 8.7 6.5 9.7

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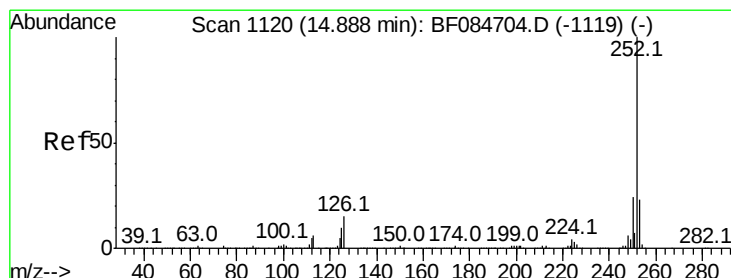
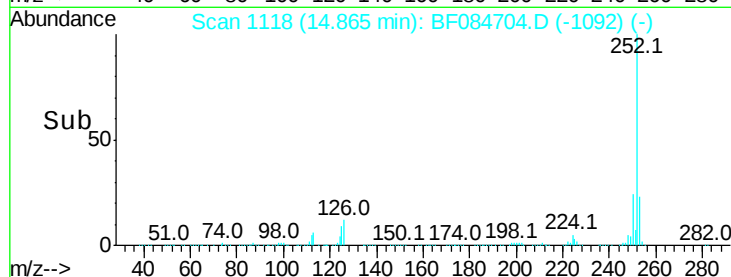
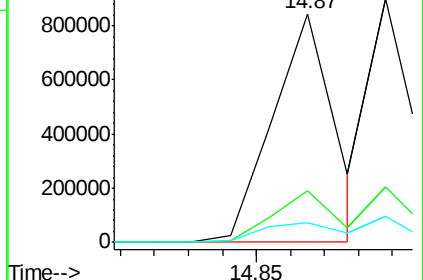
mohammad
2/2/2016 4:17:25 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.37 ng m

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF084704.D

Acq: 1 Feb 2016 12:30

Tgt Ion:252 Resp: 842993

Ion Ratio Lower Upper

252 100

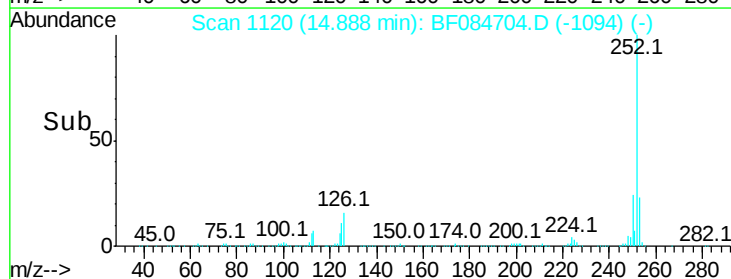
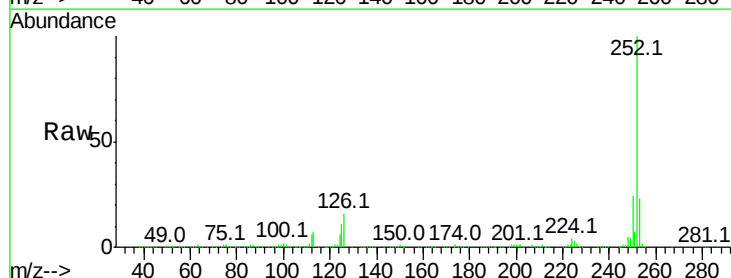
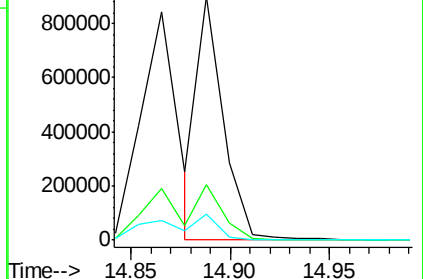
253 22.8 18.1 27.1

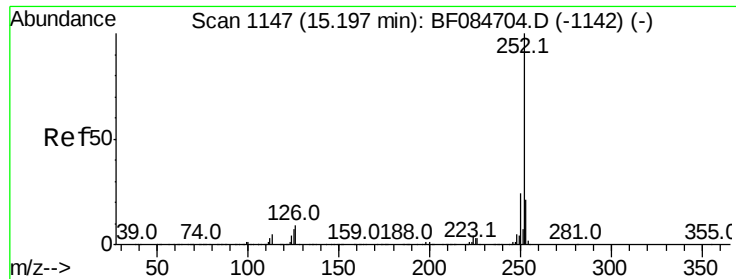
125 10.7 9.0 13.6

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





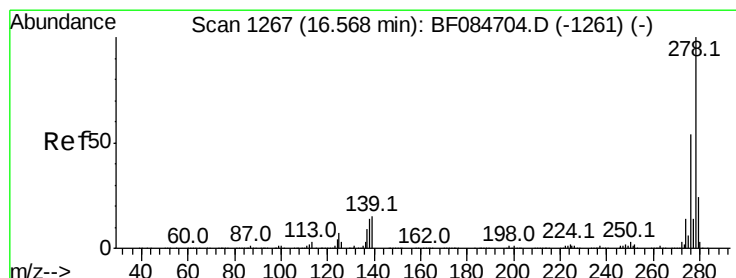
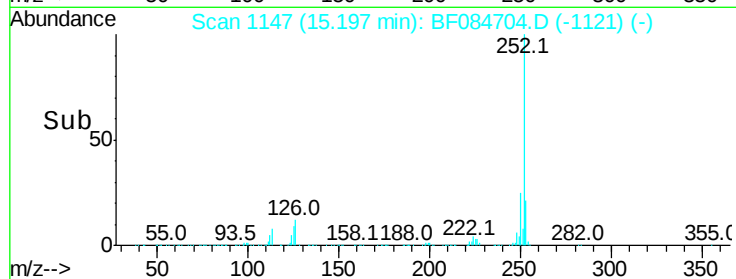
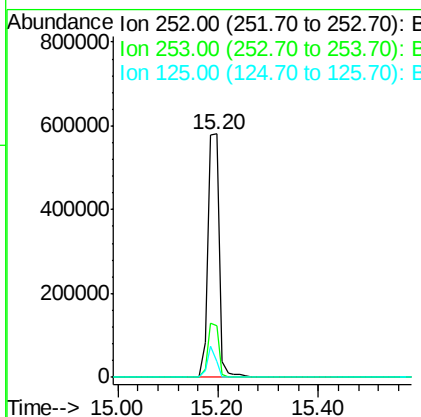
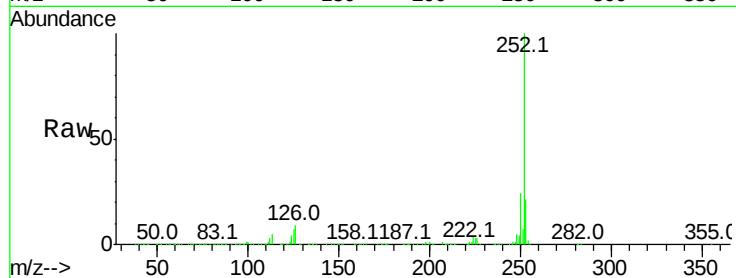
#89
Benzo(a)pyrene
Concen: 41.29 ng
RT: 15.20 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.3	25.9
125	6.6	7.0	10.4

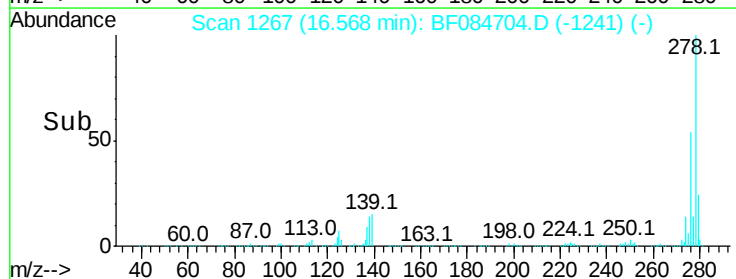
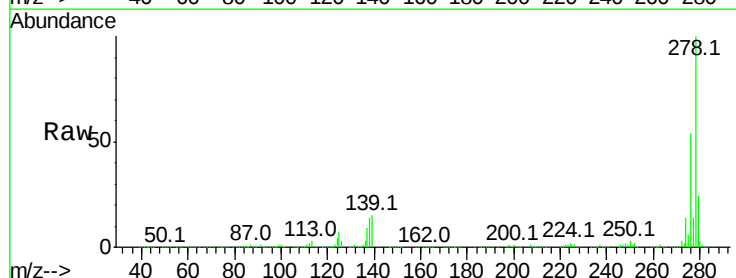
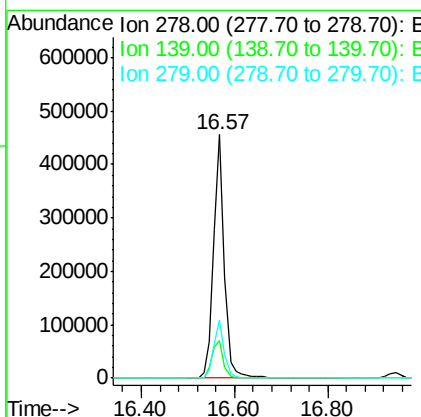
Manual Integrations
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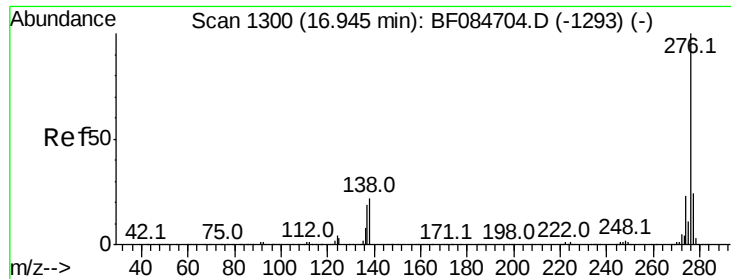
mohammad
2/2/2016 4:17:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.61 ng
RT: 16.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF084704.D
Acq: 1 Feb 2016 12:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.0	22.4
279	23.8	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 37.55 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF084704.D
 Acq: 1 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.7	17.8	26.6

Manual Integrations
 APPROVED

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 2/2/2016 4:17:25 PM

