

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084705.D
 Acq On : 1 Feb 2016 12:59
 Operator : SJ/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:17:28 PM

Quant Time: Feb 01 13:34:01 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	174489	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	686396	20.00	ng	0.01
38) Acenaphthene-d10	9.76	164	334386	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	598747	20.00	ng	0.00
75) Chrysene-d12	13.87	240	413053	20.00	ng	0.00
86) Perylene-d12	15.24	264	346995	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	990329	85.67	ng	0.00
7) Phenol-d6	6.36	99	1320709	95.33	ng	0.00
23) Nitrobenzene-d5	7.29	82	1119028	91.11	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	333874	95.27	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1827502	81.23	ng	0.00
78) Terphenyl-d14	12.82	244	1776125	97.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	230210	42.71	ng	# 77
3) Pyridine	2.88	79	672747	46.85	ng	# 71
4) n-Nitrosodimethylamine	2.83	42	314198	44.75	ng	80
6) Aniline	6.37	93	801345	45.06	ng	# 82
8) 2-Chlorophenol	6.50	128	591161	46.11	ng	90
9) Benzaldehyde	6.26	77	386427	48.17	ng	98
10) Phenol	6.38	94	761073	49.29	ng	96
11) bis(2-Chloroethyl)ether	6.45	93	554114	46.14	ng	# 82
12) 1,3-Dichlorobenzene	6.65	146	599405m	43.63	ng	
13) 1,4-Dichlorobenzene	6.73	146	586117	43.47	ng	98
14) 1,2-Dichlorobenzene	6.89	146	616147	49.63	ng	98
15) Benzyl Alcohol	6.86	79	413266	43.83	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.00	45	912226	44.38	ng	88
17) 2-Methylphenol	6.99	107	483806	48.67	ng	# 93
18) Hexachloroethane	7.23	117	254450	48.24	ng	# 86
19) n-Nitroso-di-n-propylamine	7.14	70	402249	47.53	ng	# 73
20) 3+4-Methylphenols	7.15	107	595802	49.40	ng	86
22) Acetophenone	7.14	105	903103	50.38	ng	# 97
24) Nitrobenzene	7.31	77	686900	52.62	ng	90
25) Isophorone	7.55	82	1146806	49.84	ng	98
26) 2-Nitrophenol	7.62	139	300217	48.36	ng	# 81
27) 2,4-Dimethylphenol	7.68	122	570397	52.43	ng	90
28) bis(2-Chloroethoxy)methane	7.77	93	704030	50.98	ng	97
29) 2,4-Dichlorophenol	7.87	162	492742	51.79	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	530805	48.78	ng	# 93
31) Naphthalene	8.02	128	1602064	46.24	ng	99
32) Benzoic acid	7.81	122	364950	43.70	ng	96
33) 4-Chloroaniline	8.08	127	644949	45.77	ng	99
34) Hexachlorobutadiene	8.14	225	301361	46.87	ng	100
35) Caprolactam	8.46	113	138139	50.59	ng	# 50
36) 4-Chloro-3-methylphenol	8.58	107	540148	51.56	ng	# 87
37) 2-Methylnaphthalene	8.72	142	1068651	50.24	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	492324	45.40	ng	99
40) Hexachlorocyclopentadiene	8.86	237	201022	40.77	ng	96

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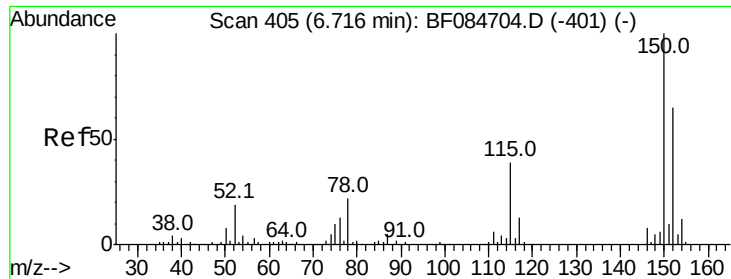
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	346317	51.41	nq	95
43) 2,4,5-Trichlorophenol	9.05	196	317210	45.61	nq #	92
45) 1,1'-Biphenyl	9.18	154	1488448	48.57	nq	98
46) 2-Chloronaphthalene	9.21	162	1072497	47.97	nq #	89
47) 2-Nitroaniline	9.30	65	332390	49.50	nq	97
48) Acenaphthylene	9.62	152	1609549	47.51	nq	97
49) Dimethylphthalate	9.49	163	1231326	49.06	nq #	90
50) 2,6-Dinitrotoluene	9.55	165	256271	46.41	nq #	59
51) Acenaphthene	9.79	154	1031749	45.48	nq	97
52) 3-Nitroaniline	9.72	138	336511	58.32	nq #	77
53) 2,4-Dinitrophenol	9.82	184	125398	46.02	nq	90
54) Dibenzofuran	9.96	168	1313473	48.51	nq	96
55) 4-Nitrophenol	9.89	139	229494	54.15	nq #	84
56) 2,4-Dinitrotoluene	9.95	165	313776	43.74	nq #	84
57) Fluorene	10.30	166	1127486	49.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	262176	49.86	nq	87
59) Diethylphthalate	10.19	149	1225602	49.89	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	454769	44.14	nq	88
61) 4-Nitroaniline	10.33	138	282270	51.68	nq	91
62) Azobenzene	10.45	77	1078049	45.85	nq	88
64) 4,6-Dinitro-2-methylphenol	10.36	198	202045	51.66	nq	96
65) n-Nitrosodiphenylamine	10.42	169	920414	47.41	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	328235	48.68	nq #	86
67) Hexachlorobenzene	10.84	284	350098	47.73	nq #	77
68) Atrazine	10.94	200	301825	51.89	nq	98
69) Pentachlorophenol	11.05	266	182126	51.39	nq	98
70) Phenanthrene	11.25	178	1529386	46.19	nq	98
71) Anthracene	11.31	178	1652506	49.09	nq	99
72) Carbazole	11.47	167	1492864	51.46	nq	98
73) Di-n-butylphthalate	11.80	149	1728158	48.98	nq #	96
74) Fluoranthene	12.44	202	1634727	49.94	nq	97
76) Benzidine	12.57	184	719057	45.77	nq	97
77) Pyrene	12.67	202	1733802	55.65	nq	99
79) Butylbenzylphthalate	13.30	149	784850	58.97	nq #	95
80) Benzo(a)anthracene	13.86	228	1302939	50.60	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	502449	55.46	nq #	97
82) Chrysene	13.89	228	1323457	52.15	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	944251	54.69	nq	98
84) Di-n-octyl phthalate	14.47	149	1527876	56.01	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.56	276	1048960	46.75	nq	98
87) Benzo(b)fluoranthene	14.87	252	1169610m	52.05	nq	
88) Benzo(k)fluoranthene	14.89	252	907684m	48.91	nq	
89) Benzo(a)pyrene	15.20	252	990890	50.98	nq	99
90) Dibenzo(a,h)anthracene	16.57	278	868107	49.56	nq	96
91) Benzo(g,h,i)perylene	16.95	276	881890	49.87	nq	98

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



#1

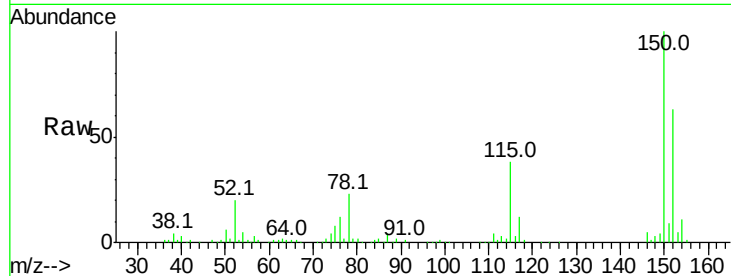
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	59.7	51.4	77.2

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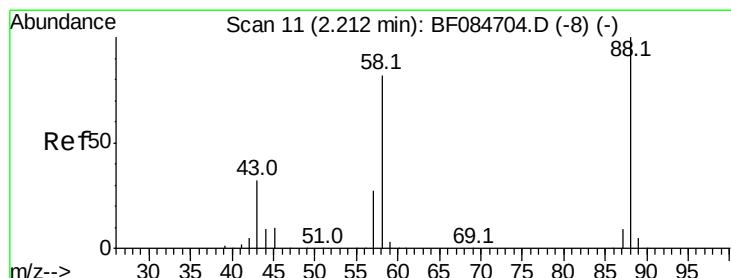
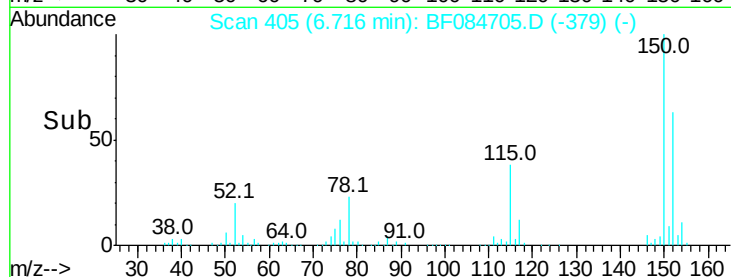
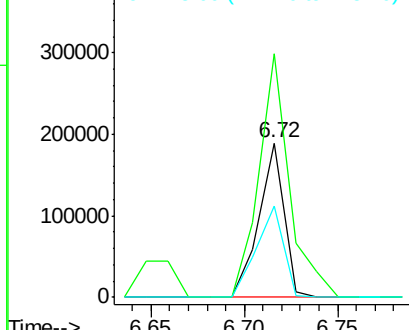


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

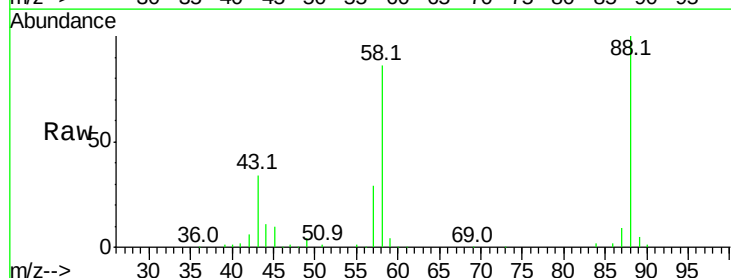
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.71 ng
RT: 2.20 min Scan# 10
Delta R.T. -0.01 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	51.2	76.8#
43	33.8	19.5	29.3#

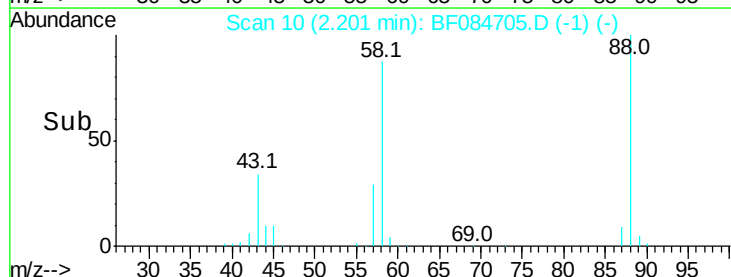
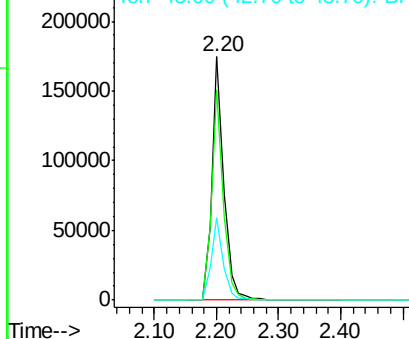


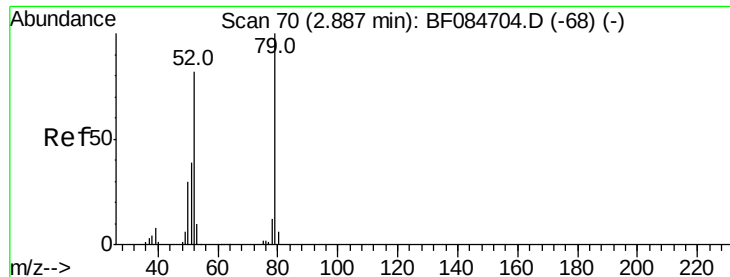
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 46.85 ng

RT: 2.88 min Scan# 69

Delta R.T. -0.01 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 79 Resp: 672747

Ion Ratio Lower Upper

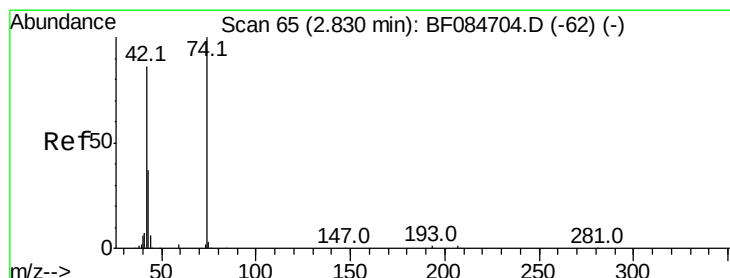
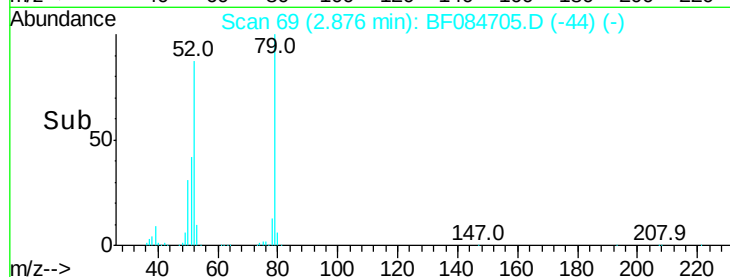
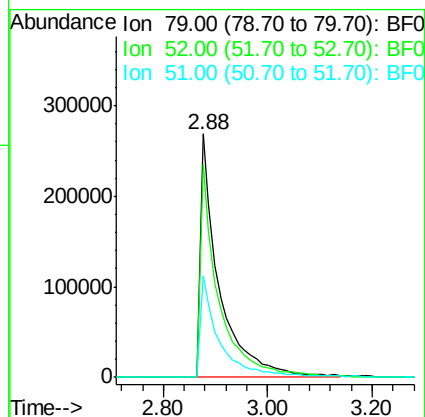
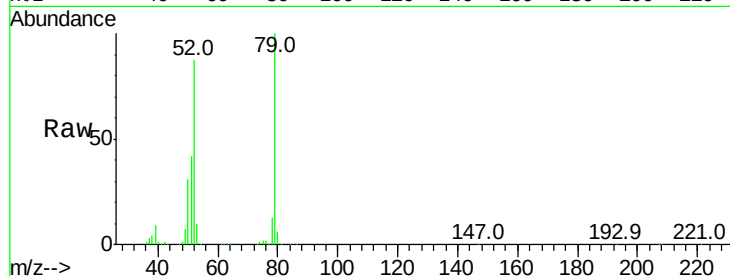
79 100

52 87.4 49.0 73.4#

51 41.9 25.2 37.8#

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#4

n-Nitrosodimethylamine

Concen: 44.75 ng

RT: 2.83 min Scan# 65

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

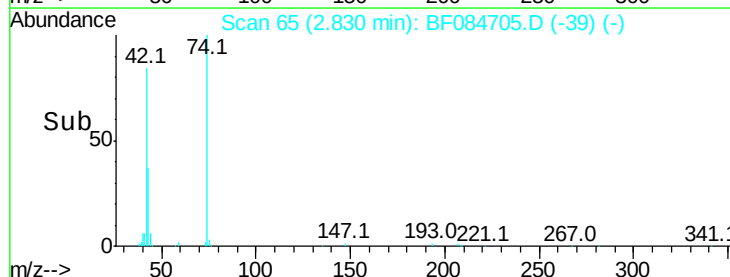
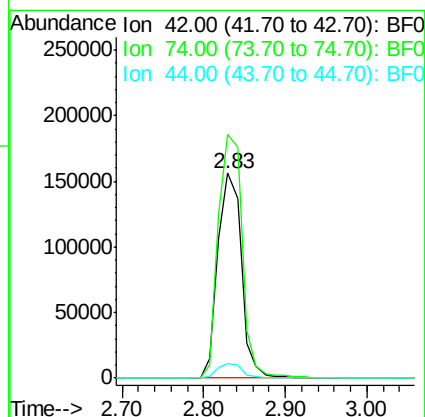
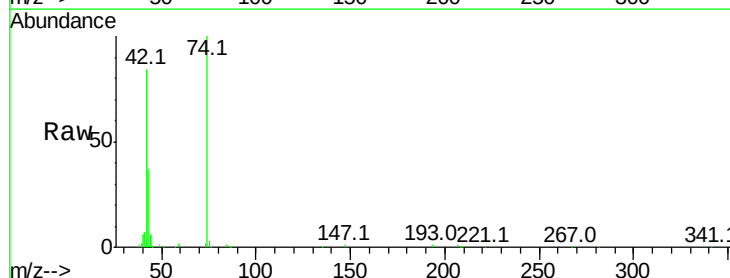
Tgt Ion: 42 Resp: 314198

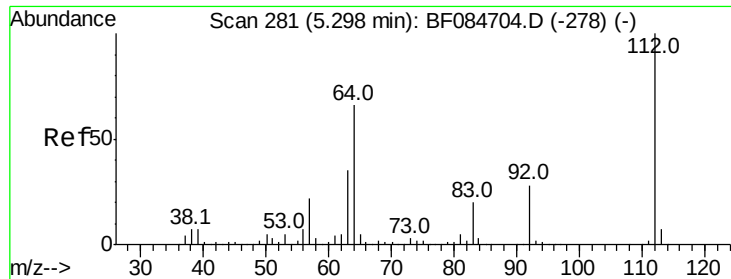
Ion Ratio Lower Upper

42 100

74 118.7 115.7 173.5

44 6.9 5.1 7.7





#5

2-Fluorophenol

Concen: 85.67 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

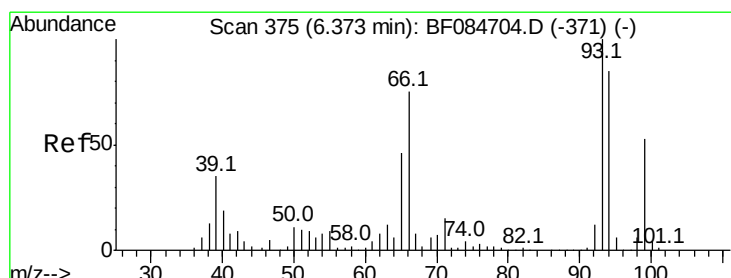
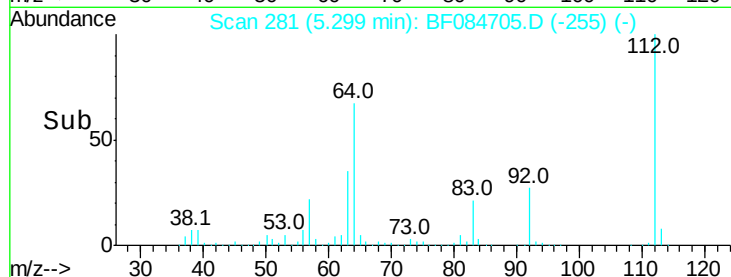
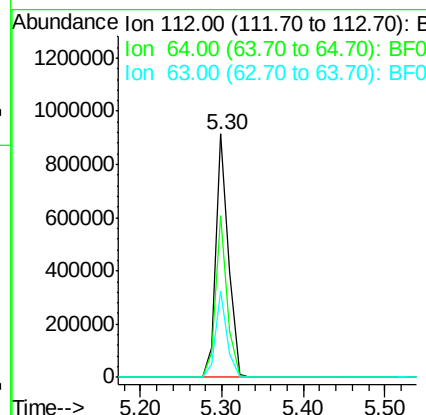
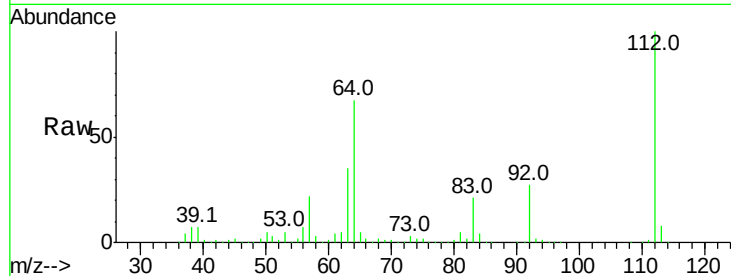
ClientSampleId :

SSTDIC050

Tot Ion:	112	Resp:	990329
Ion Ratio	Lower	Upper	
112	100		
64	66.6	36.6	55.0#
63	35.2	19.4	29.0#

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#6

Aniline

Concen: 45.06 ng

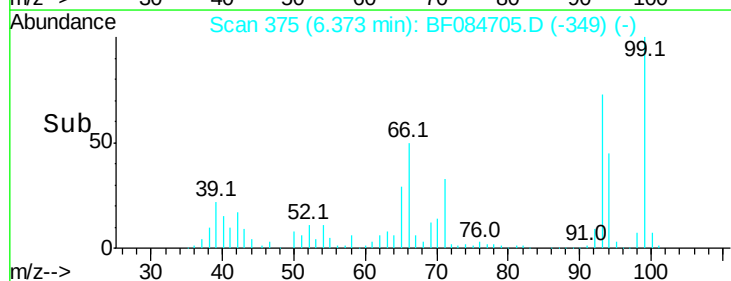
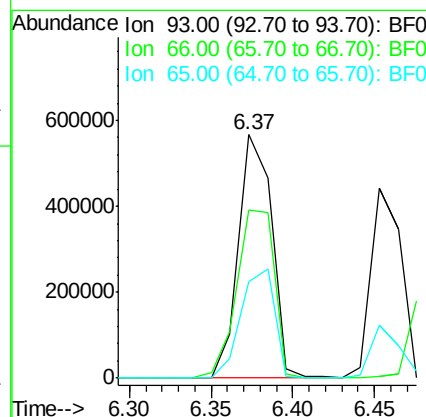
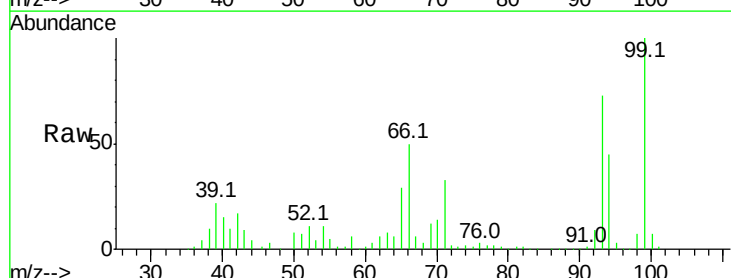
RT: 6.37 min Scan# 375

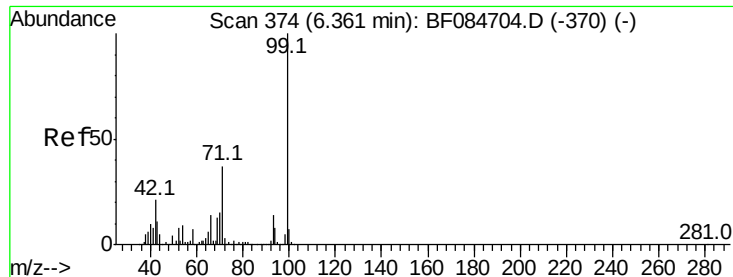
Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Tgt Ion:	93	Resp:	801345
Ion Ratio	Lower	Upper	
93	100		
66	69.0	44.9	67.3#
65	39.5	23.7	35.5#





#7

Phenol-d6

Concen: 95.33 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1320709

Ion Ratio Lower Upper

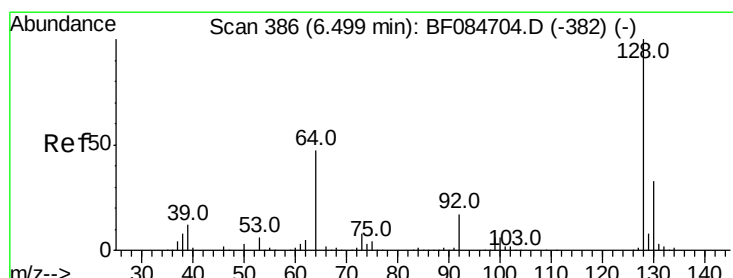
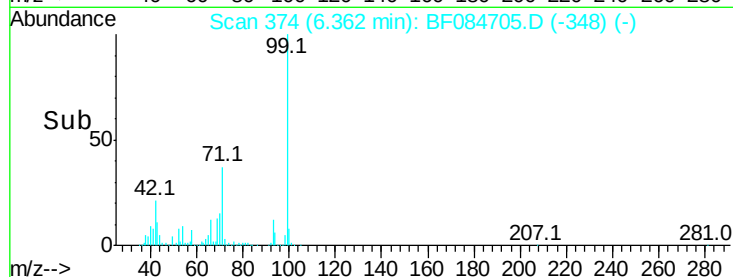
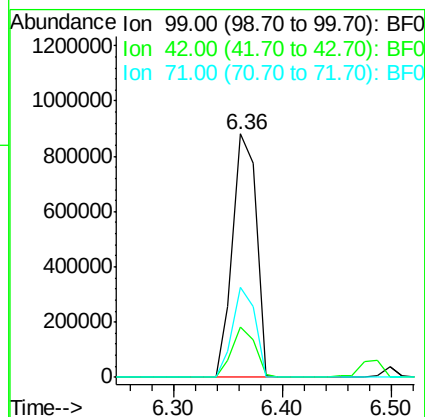
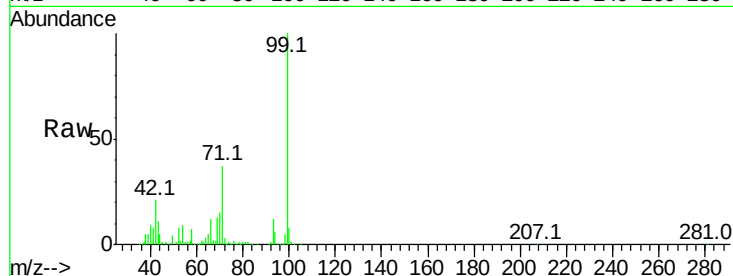
99 100

42 20.6 12.8 19.2#

71 36.7 30.9 46.3

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#8

2-Chlorophenol

Concen: 46.11 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

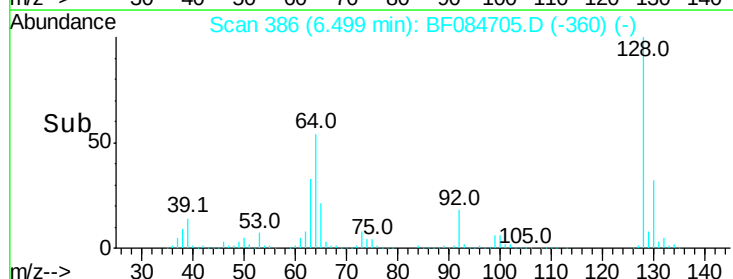
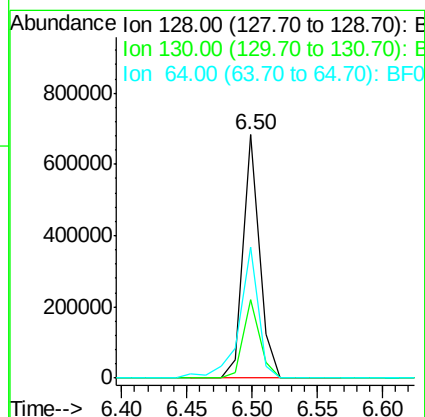
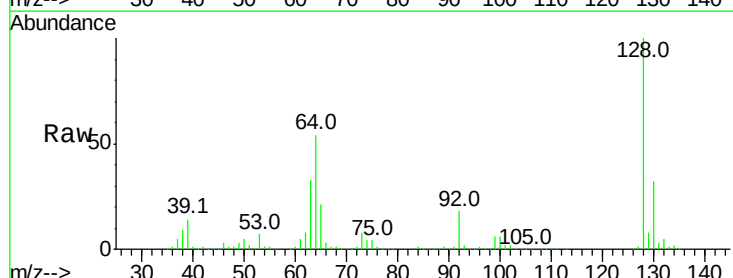
Tgt Ion:128 Resp: 591161

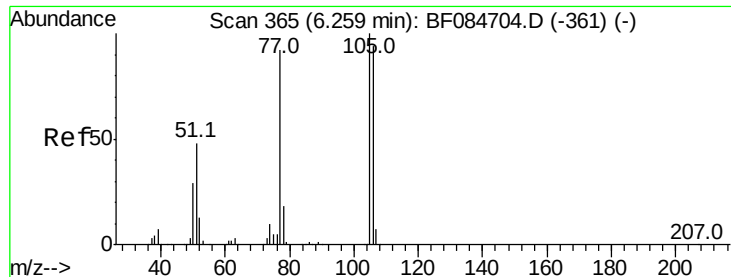
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 53.6 23.8 63.8





#9

Benzaldehyde

Concen: 48.17 ng

RT: 6.26 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

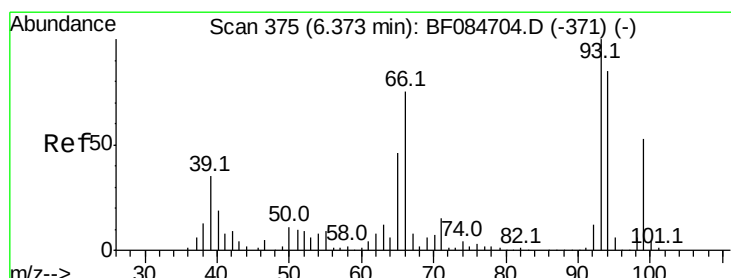
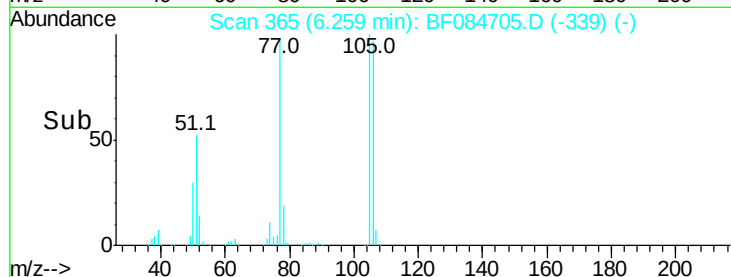
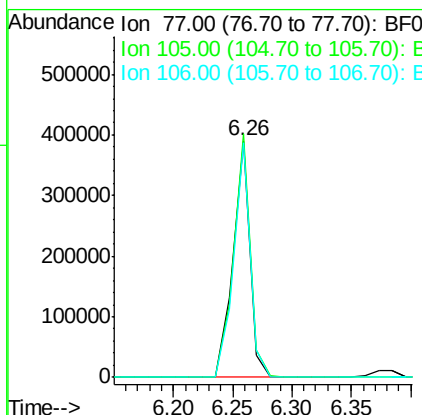
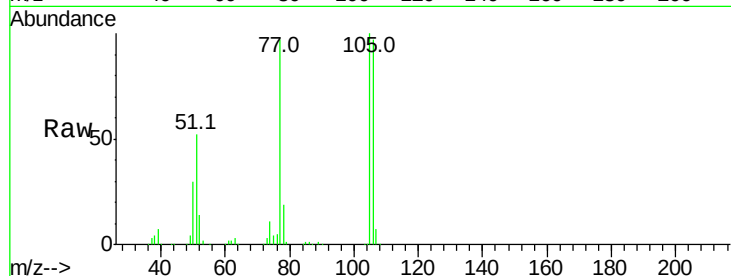
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.1	83.0	123.0
106	99.5	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 49.29 ng

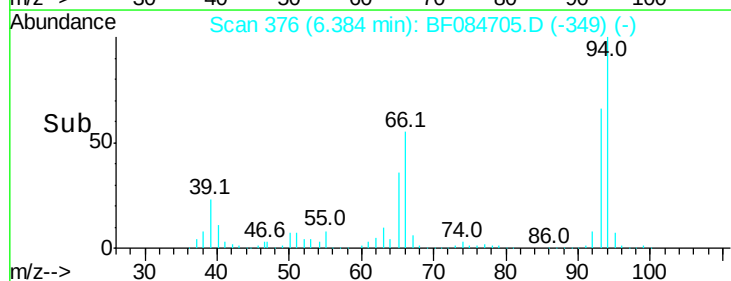
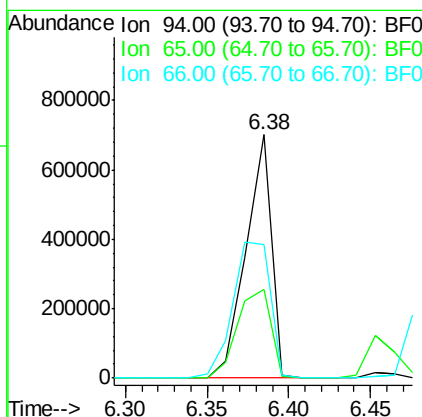
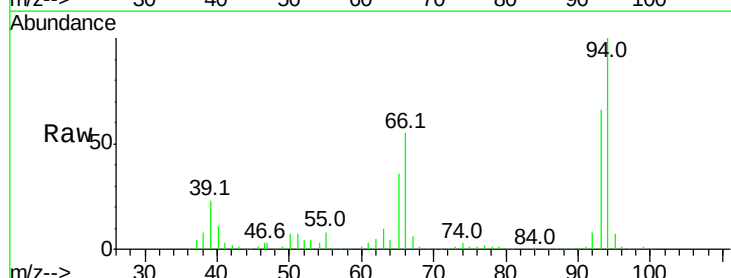
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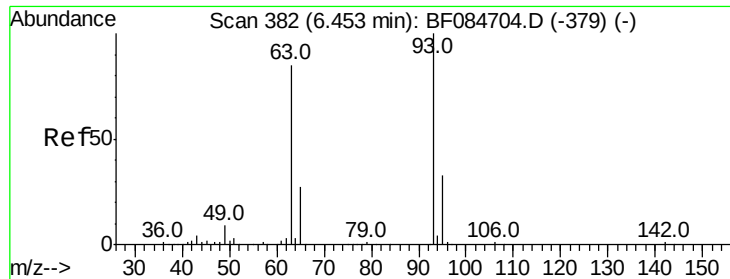
Delta R.T. 0.01 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.3	12.9	52.9
66	55.1	32.7	72.7





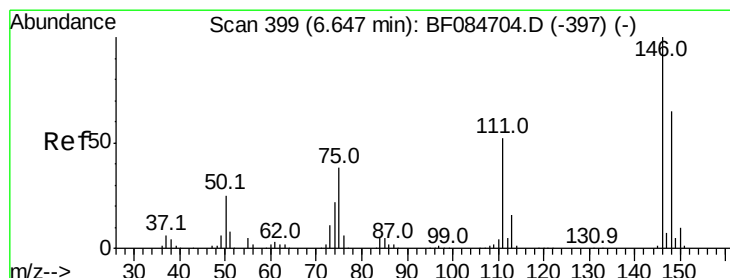
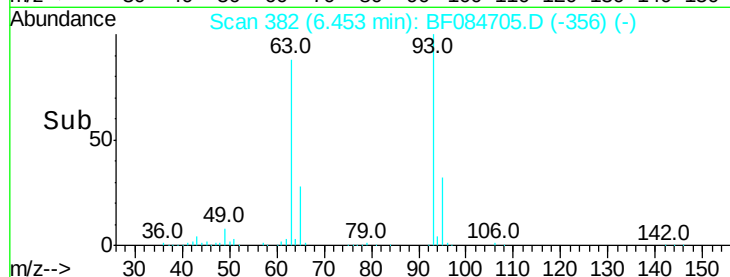
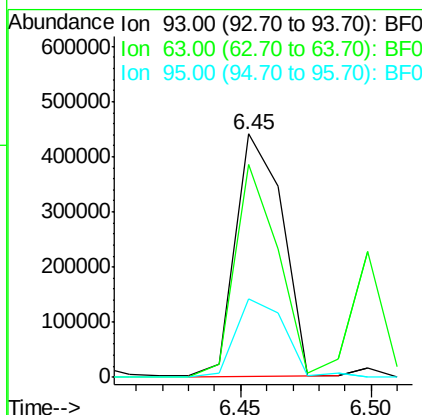
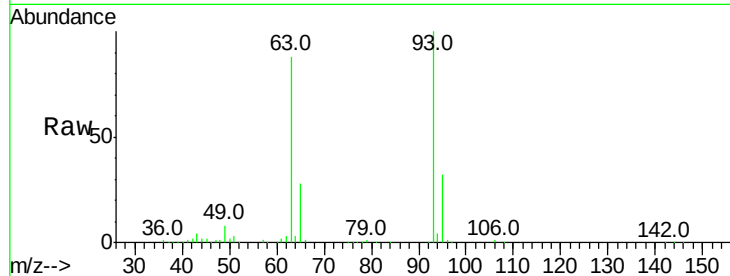
#11
bis(2-Chloroethyl)ether
Concen: 46.14 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	45.9	85.9#
95	32.4	12.3	52.3

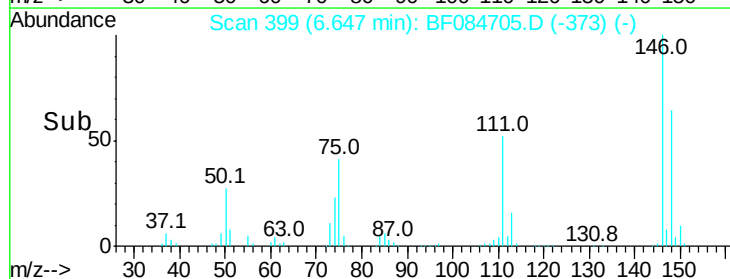
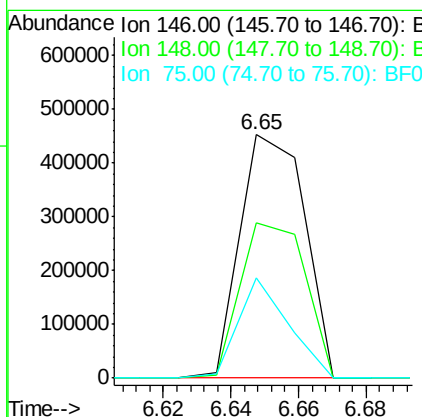
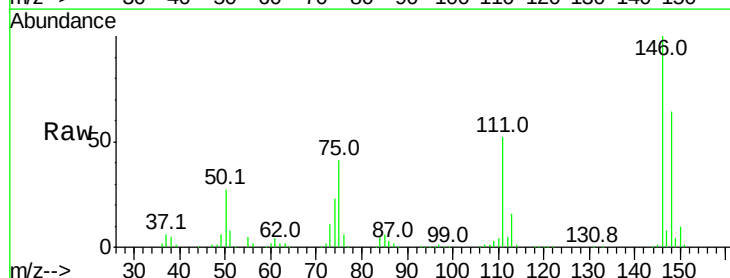
Manual Integrations
APPROVED

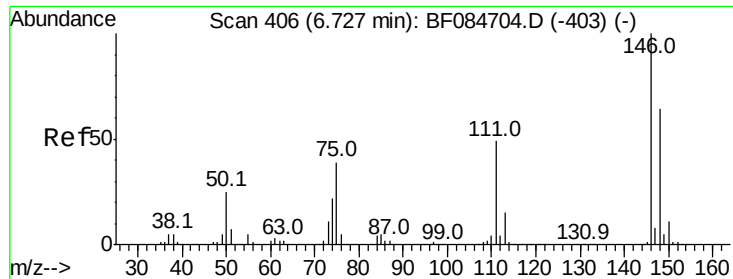
mohammad
2/2/2016 4:17:28 PM



#12
1,3-Dichlorobenzene
Concen: 43.63 ng m
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
75	41.2	20.5	30.7#





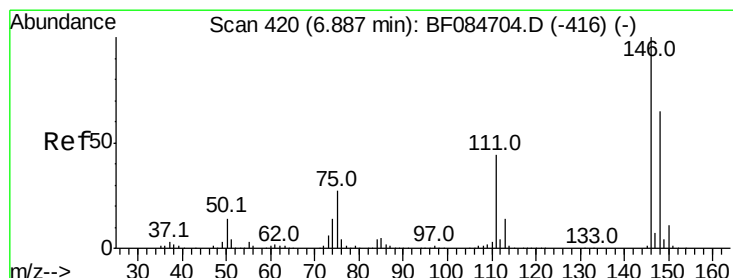
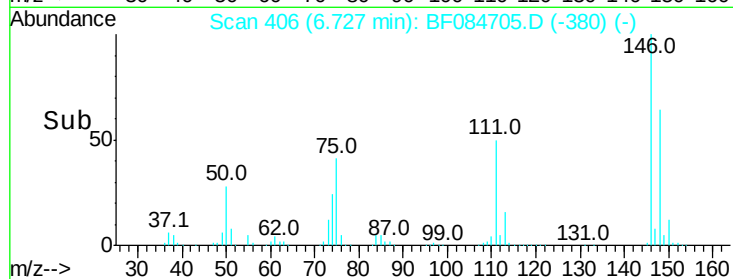
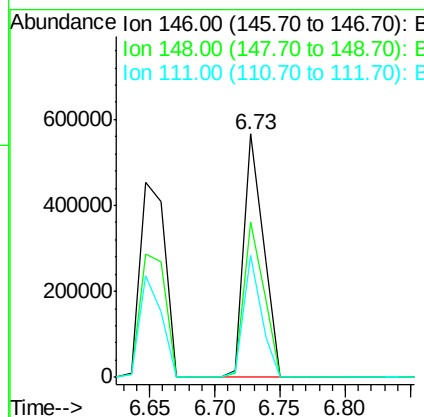
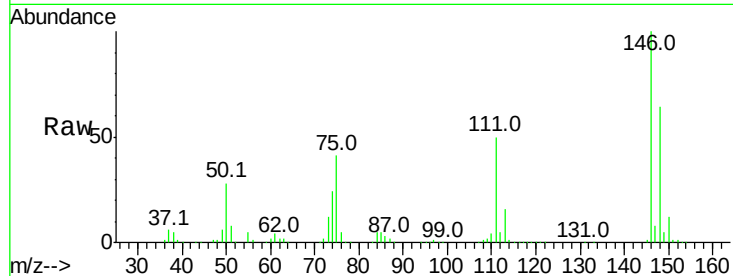
#13
 1,4-Dichlorobenzene
 Concen: 43.47 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	586117		
148	63.7		51.9	77.9
111	50.3		41.6	62.4

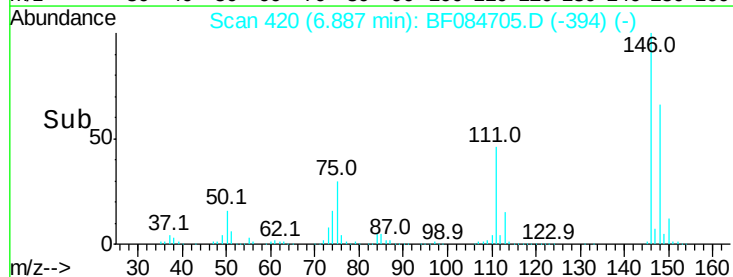
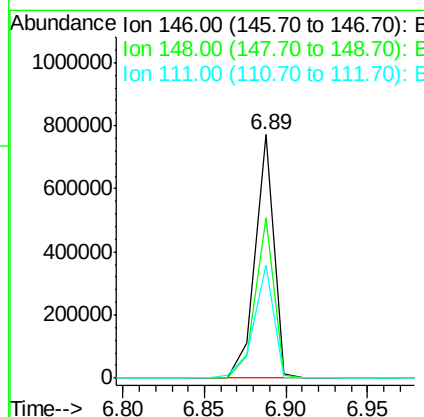
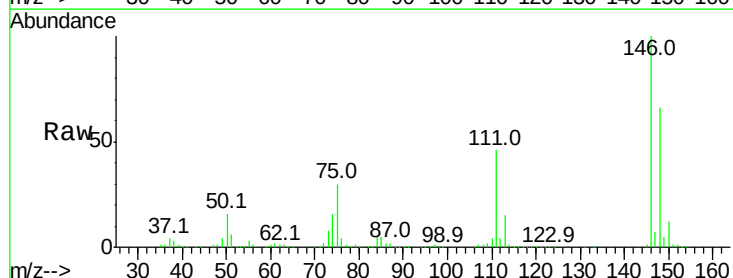
Manual Integrations
 APPROVED

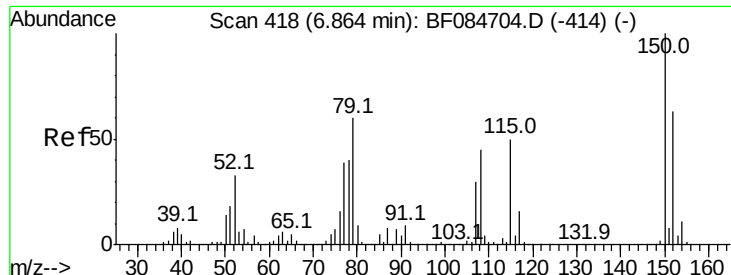
mohammad
 2/2/2016 4:17:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 49.63 ng
 RT: 6.89 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	616147		
148	65.6		51.6	77.4
111	46.2		38.0	57.0





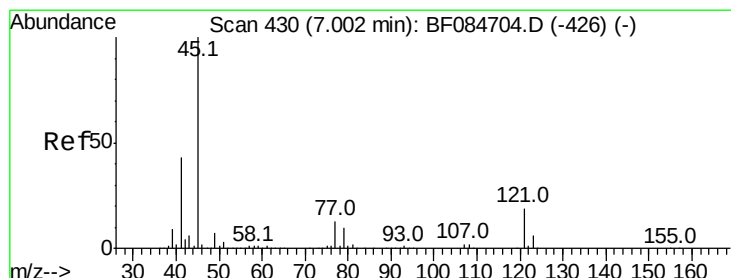
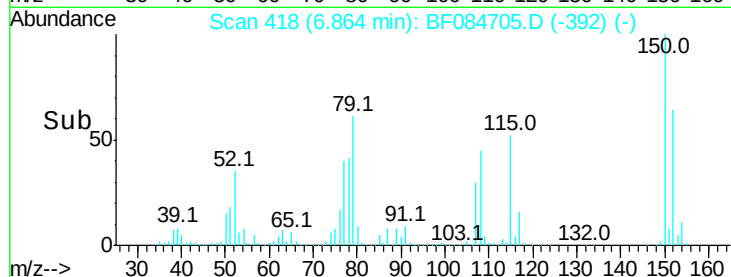
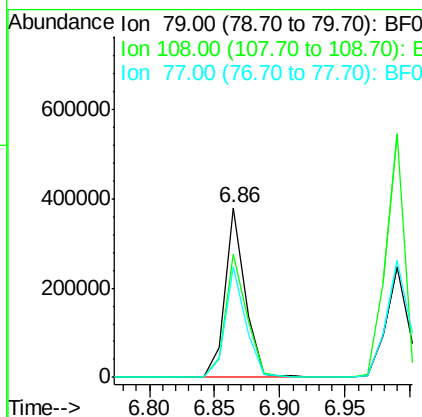
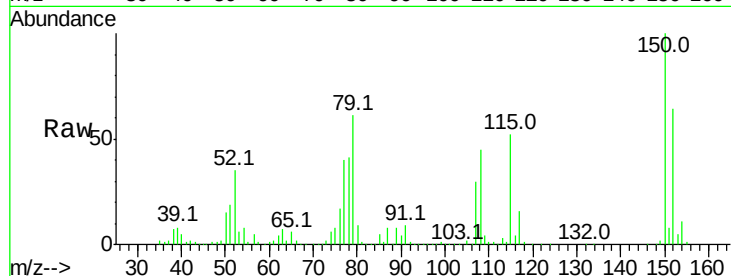
#15
Benzyl Alcohol
Concen: 43.83 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.0	69.0	103.4	
77	64.9	50.0	75.0	

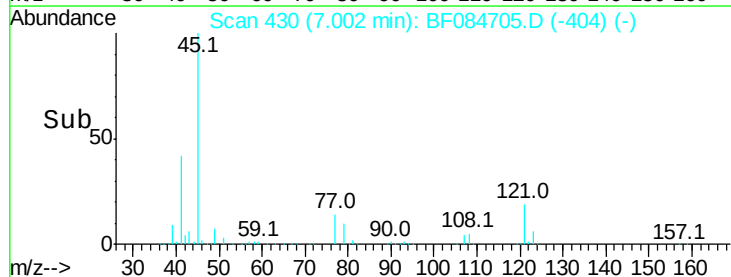
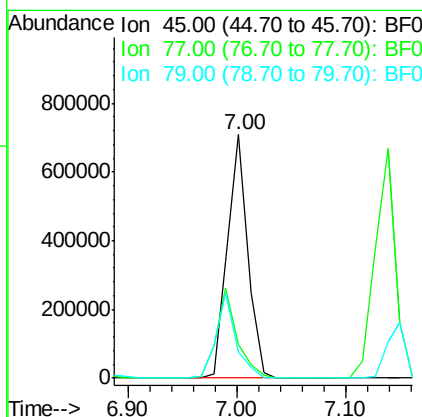
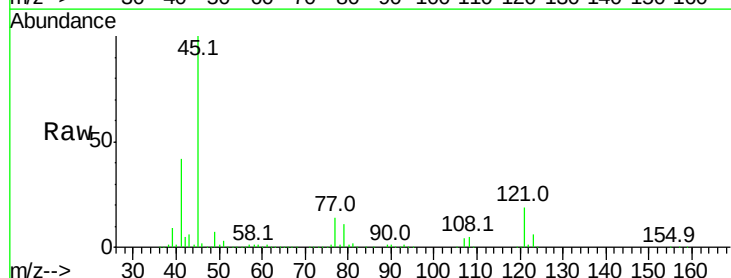
Manual Integrations
APPROVED

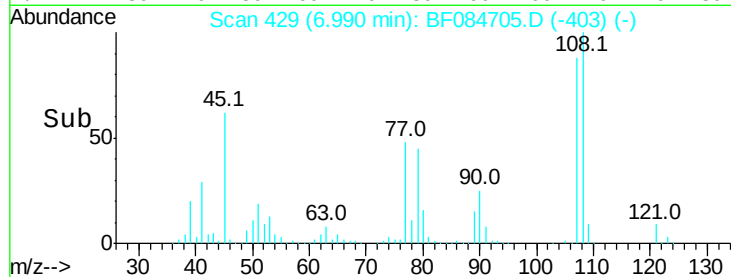
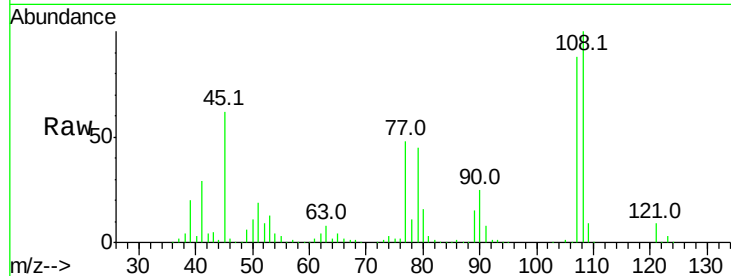
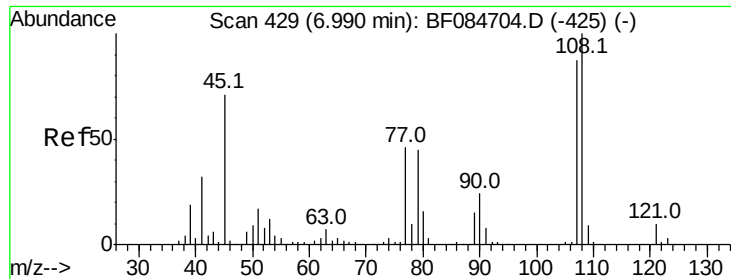
mohammad
2/2/2016 4:17:28 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.38 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.9	0.0	39.6	
79	10.6	0.0	35.0	





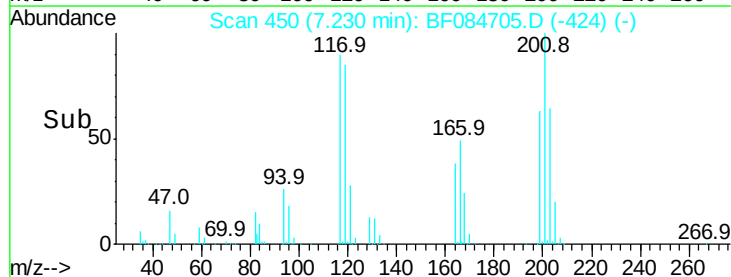
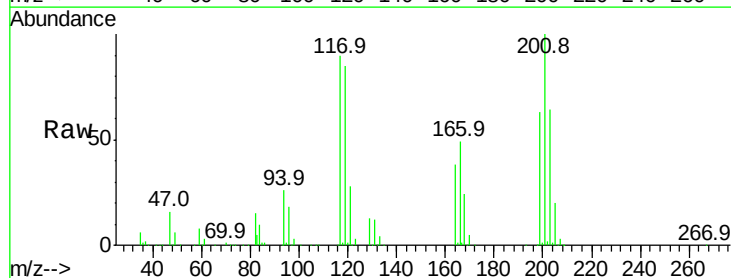
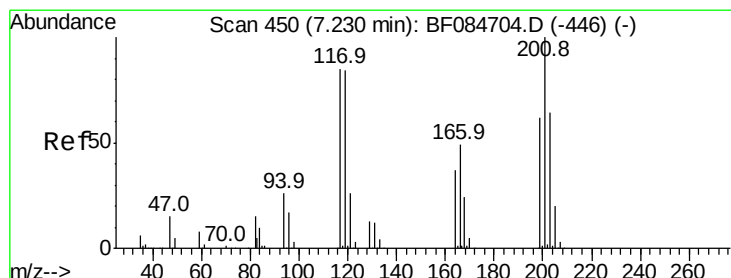
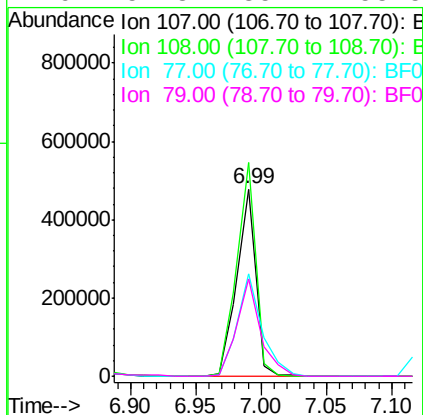
#17
2-Methylphenol
Concen: 48.67 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.9	89.8	134.6
77	54.8	35.7	53.5#
79	51.8	35.7	53.5

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

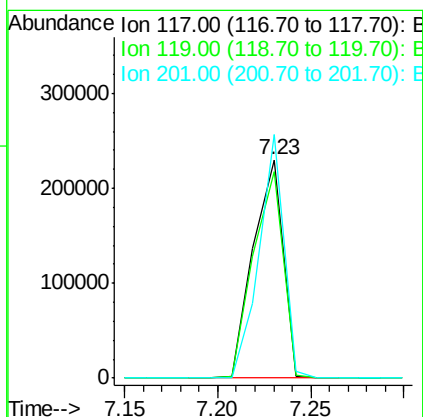
Manual Integrations
APPROVED

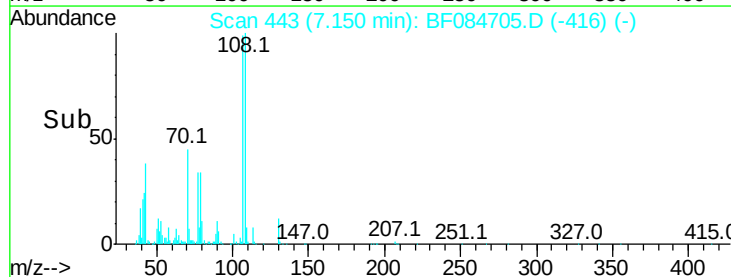
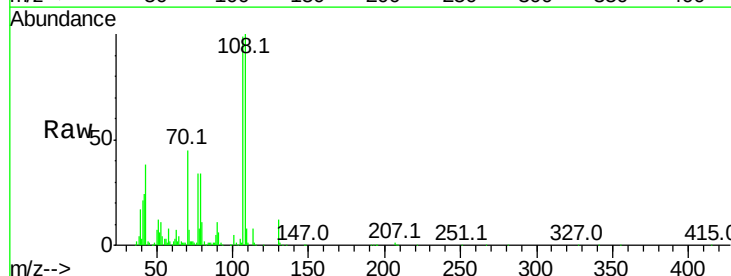
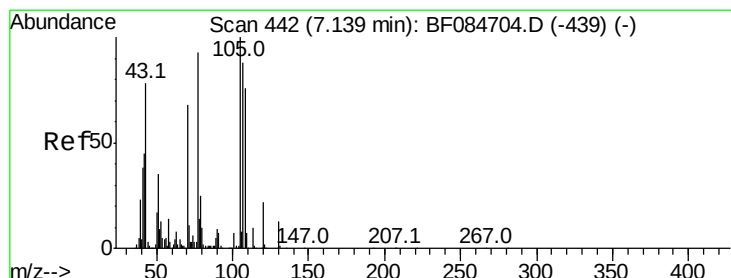
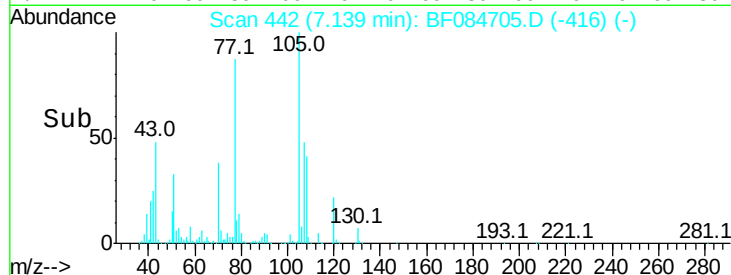
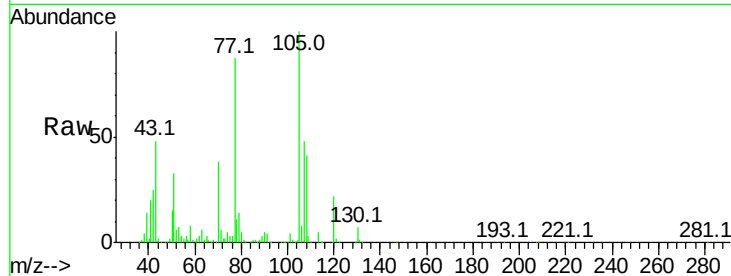
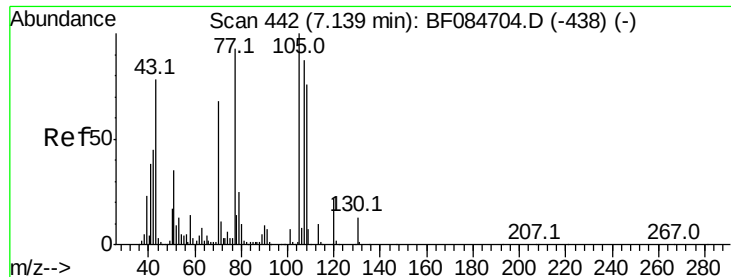
mohammad
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#18
Hexachloroethane
Concen: 48.24 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.3	77.4	116.0
201	111.4	68.6	103.0#





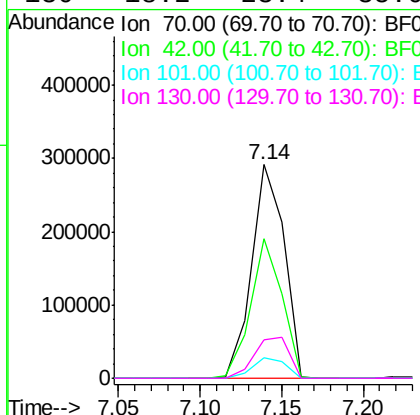
#19
n-Nitroso-di-n-propylamine
Concen: 47.53 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	33.3	49.9#
101	9.4	9.3	13.9
130	18.2	23.4	35.0#

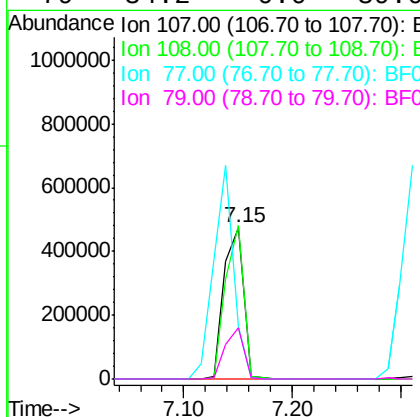
Manual Integrations
APPROVED

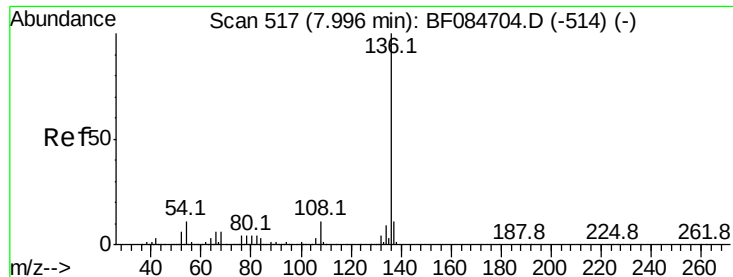
mohammad
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#20
3+4-Methylphenols
Concen: 49.40 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	101.1	74.6	114.6
77	34.7	0.7	40.7
79	34.2	0.0	39.0





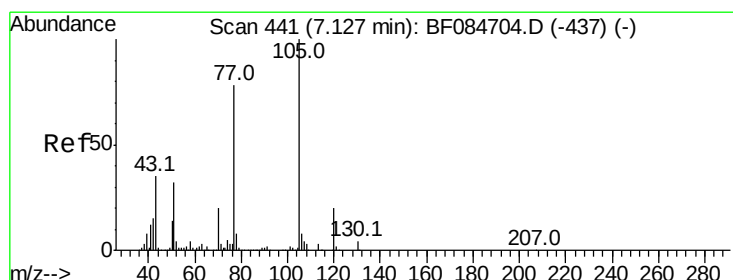
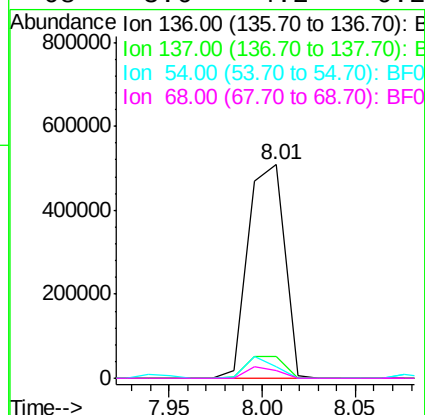
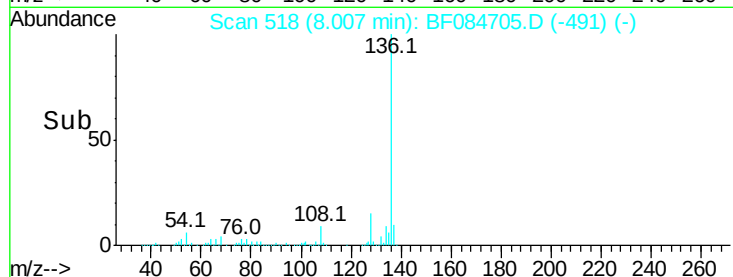
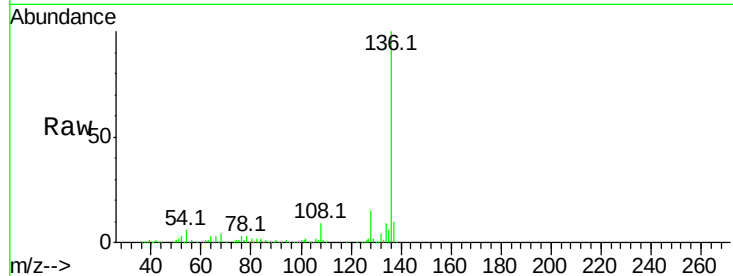
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.4	8.7	13.1
54	5.6	5.8	8.8#
68	3.6	4.2	6.2#

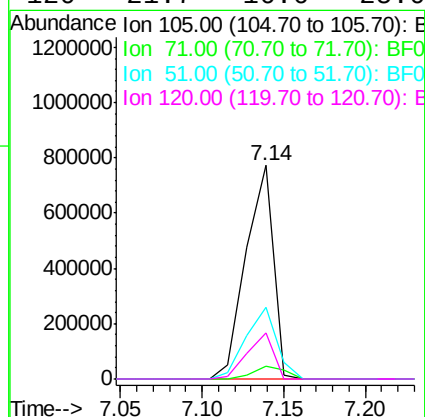
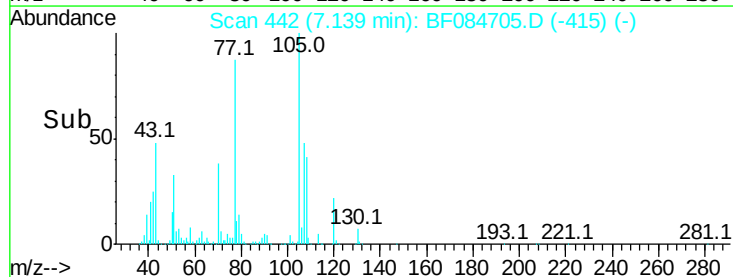
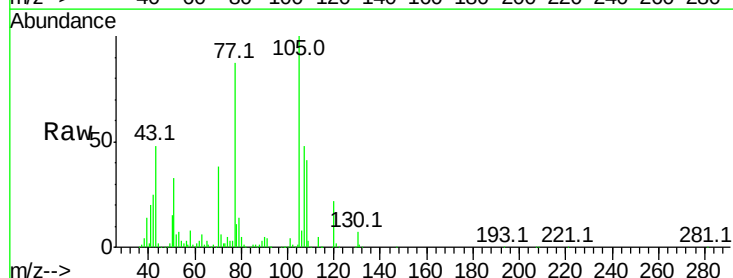
Manual Integrations
APPROVED

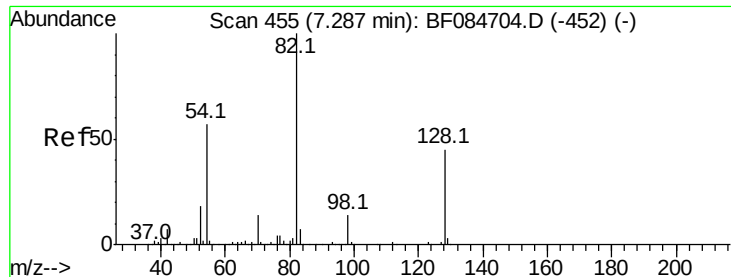
mohammad
2/2/2016 4:17:28 PM



#22
Acetophenone
Concen: 50.38 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.01 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.2	3.7	5.5#
51	33.5	25.1	37.7
120	21.7	16.6	25.0





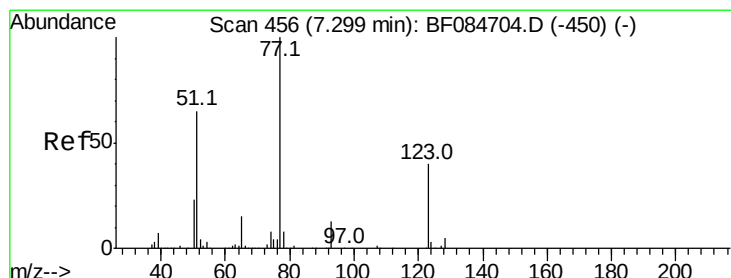
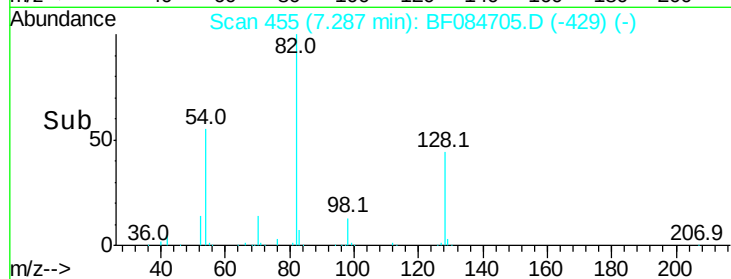
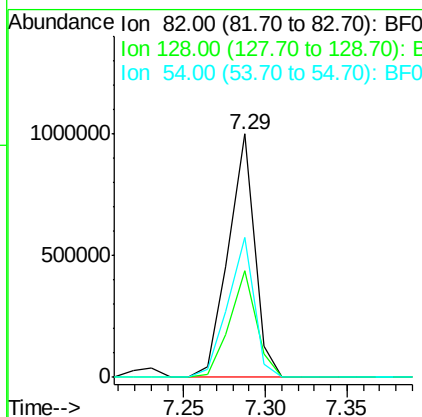
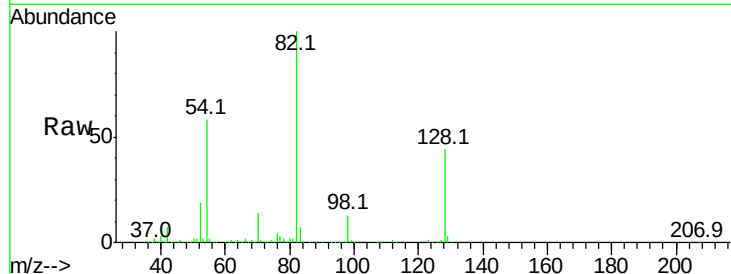
#23
 Nitrobenzene-d5
 Concen: 91.11 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion: 82 Resp: 1119028
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 51.8
 54 57.6 38.4 57.6#

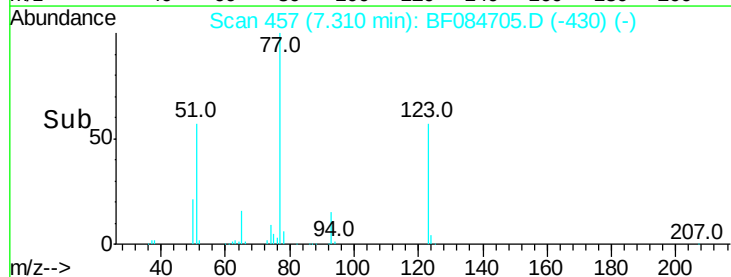
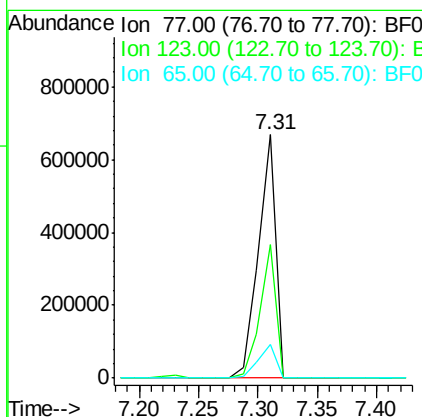
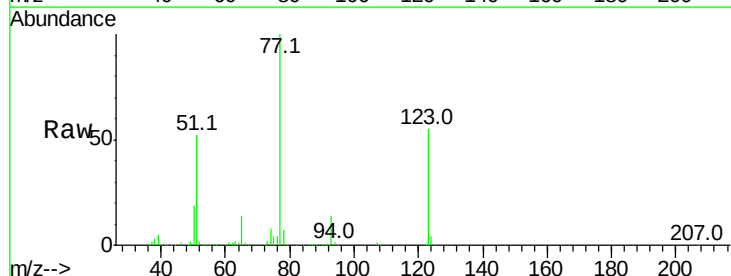
Manual Integrations
 APPROVED

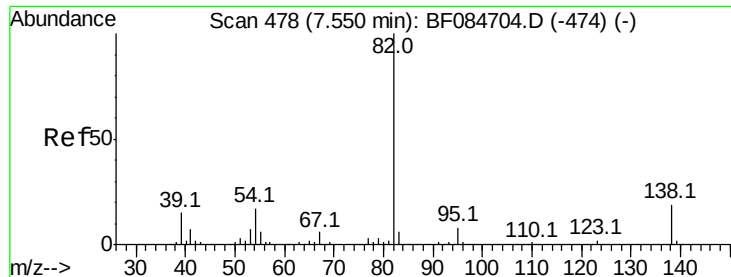
mohammad
 2/2/2016 4:17:28 PM



#24
 Nitrobenzene
 Concen: 52.62 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.01 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Tgt Ion: 77 Resp: 686900
 Ion Ratio Lower Upper
 77 100
 123 55.0 37.4 56.2
 65 14.0 10.9 16.3





#25

Isophorone

Concen: 49.84 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 1146806

Ion Ratio Lower Upper

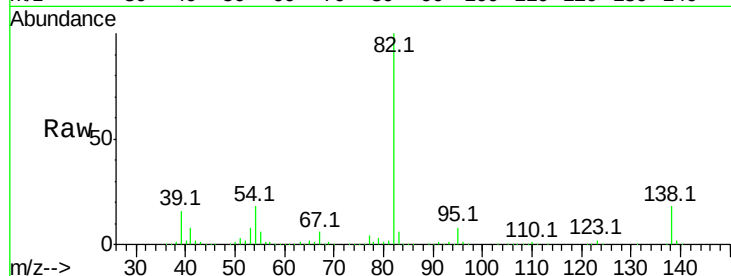
82 100

95 7.6 6.6 10.0

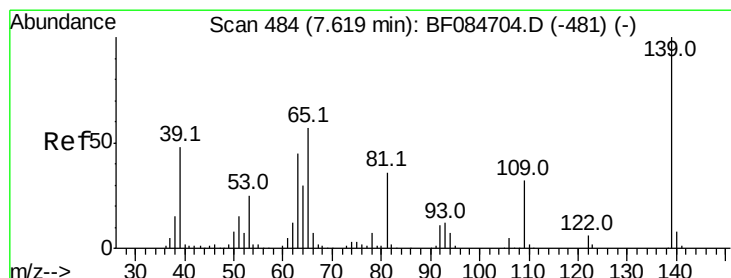
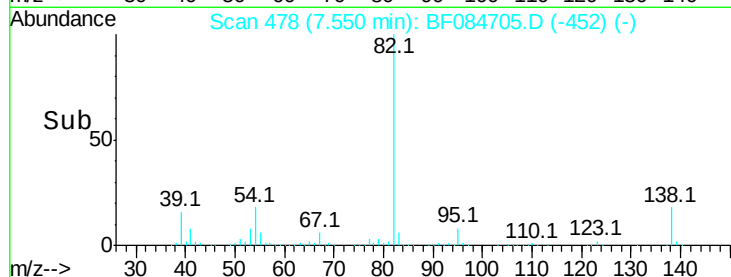
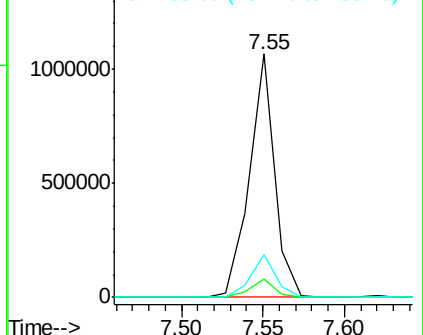
138 17.7 13.6 20.4

Manual Integrations
APPROVED

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.36 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

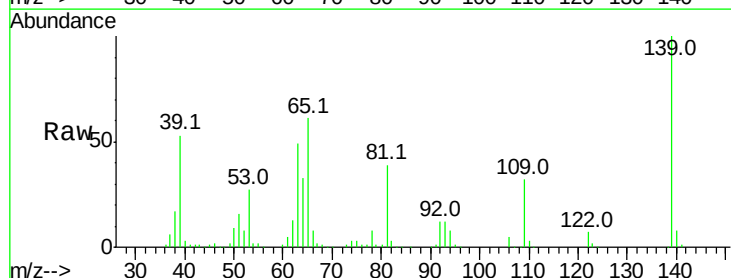
Tgt Ion:139 Resp: 300217

Ion Ratio Lower Upper

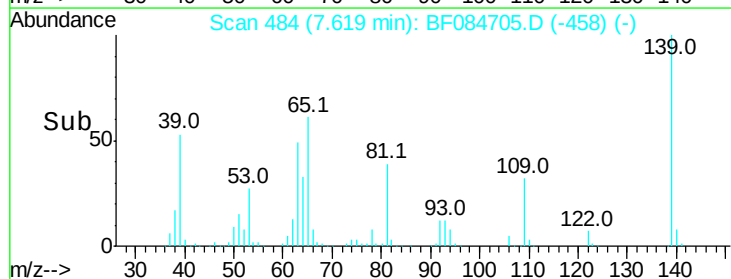
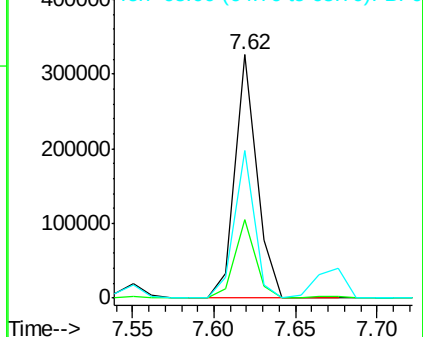
139 100

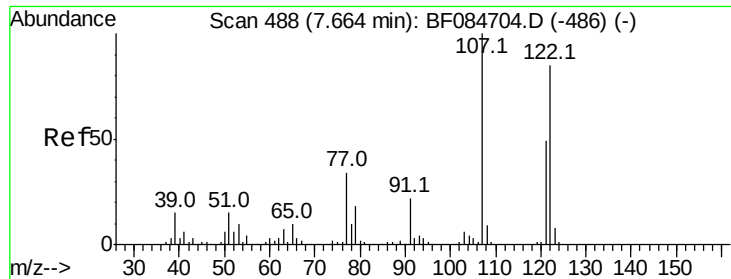
109 32.3 25.4 38.2

65 60.8 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 52.43 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

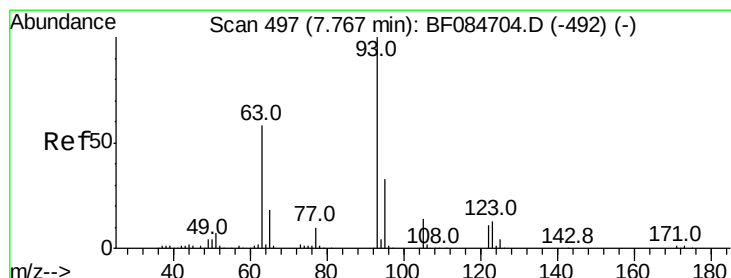
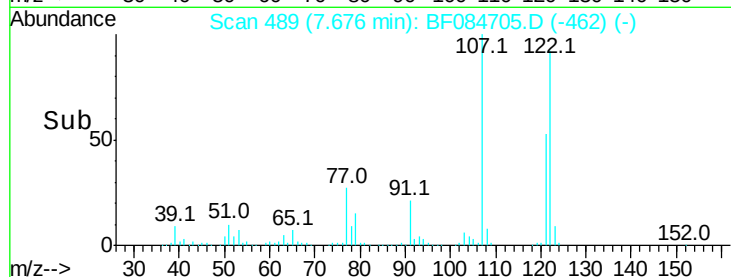
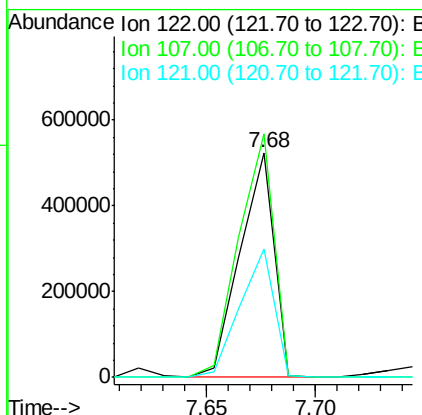
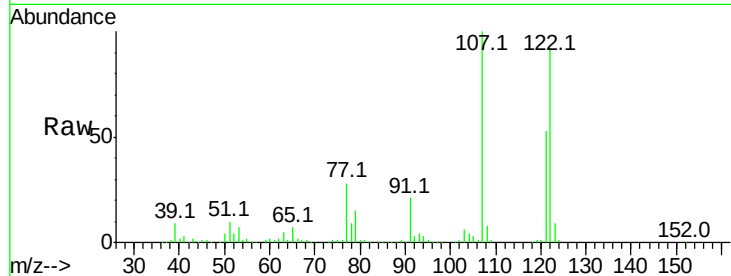
ClientSampleId :

SSTDIC050

Tot Ion:	122	Resp:	570397
Ion Ratio	Lower	Upper	
122	100		
107	108.3	99.1	148.7
121	57.4	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 50.98 ng

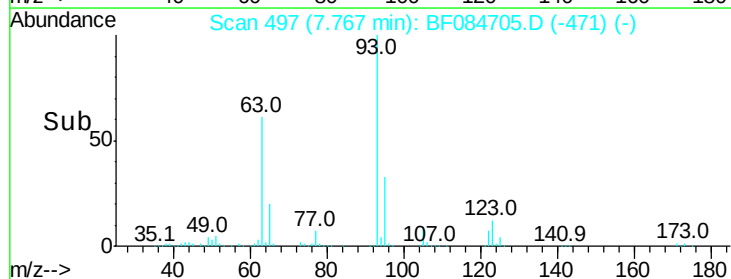
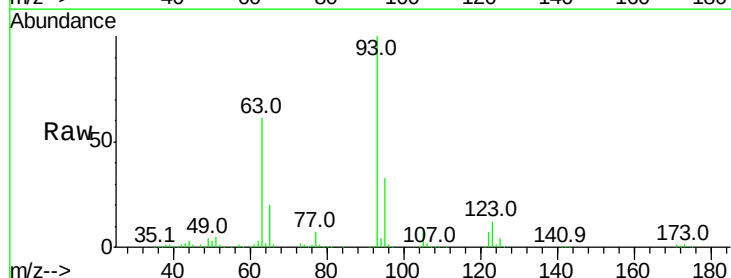
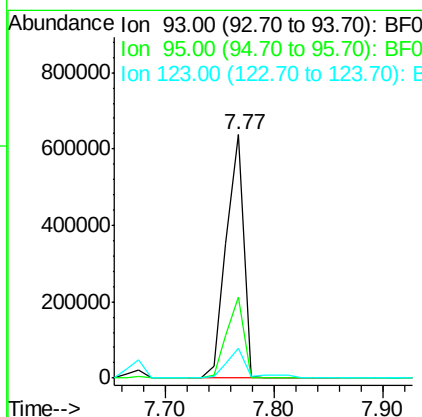
RT: 7.77 min Scan# 497

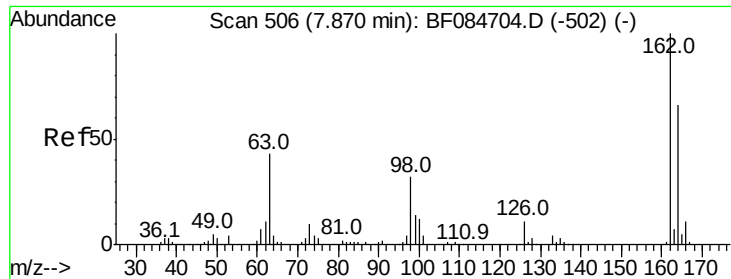
Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Tgt Ion:	93	Resp:	704030
Ion Ratio	Lower	Upper	
93	100		
95	33.4	25.8	38.6
123	12.3	8.6	12.8





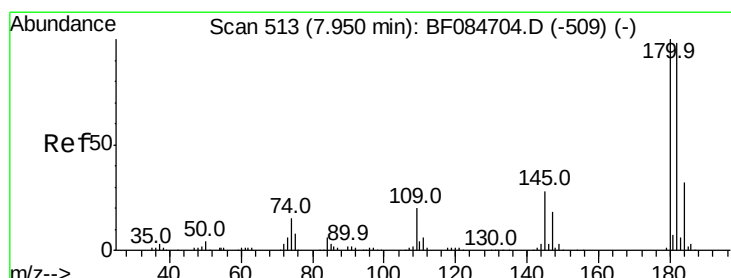
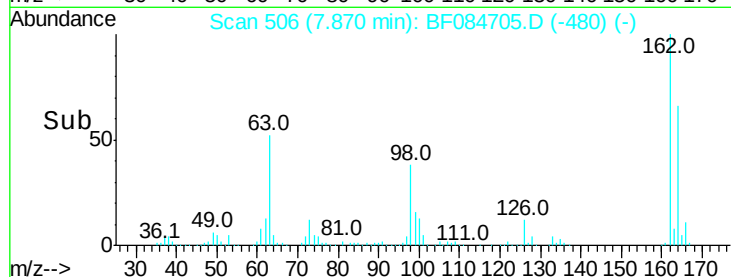
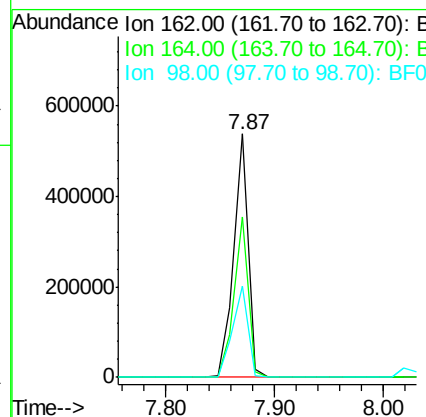
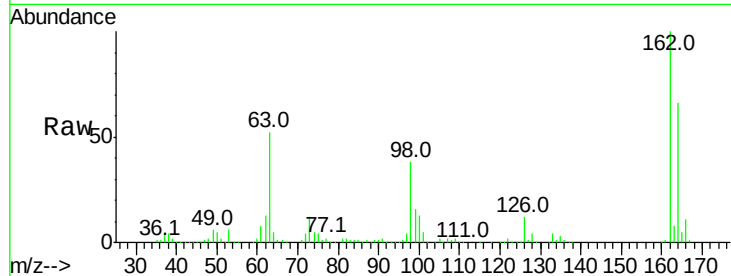
#29
 2,4-Dichlorophenol
 Concen: 51.79 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100	492742		
164	66.0		44.1	84.1
98	37.7		20.2	60.2

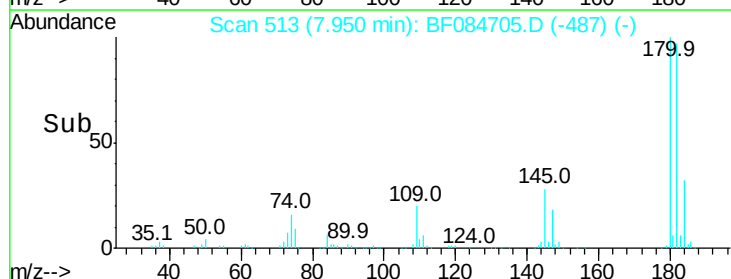
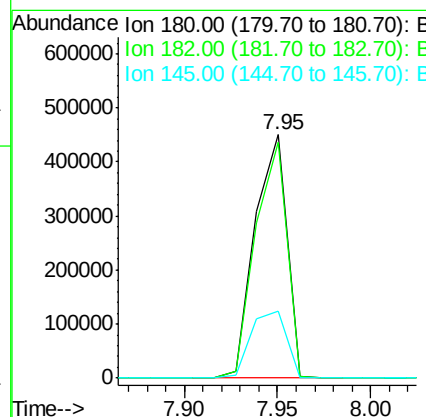
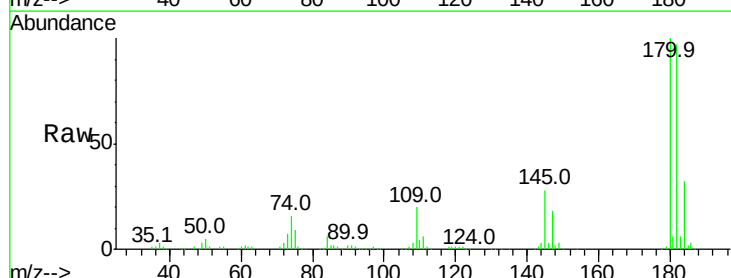
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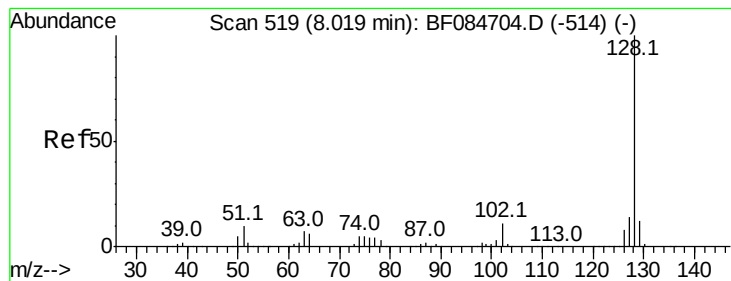
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.78 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	530805		
182	96.9		76.4	114.6
145	27.5		31.6	47.4#





#31

Naphthalene

Concen: 46.24 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 1602064

Ion Ratio Lower Upper

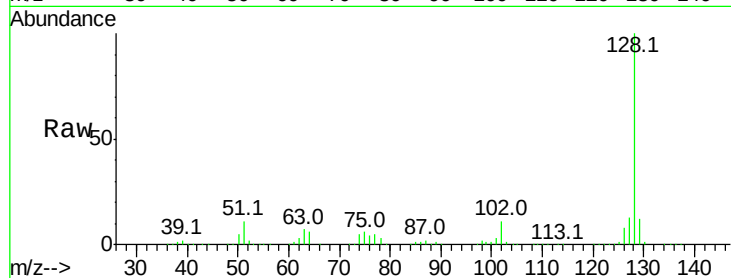
128 100

129 11.7 9.1 13.7

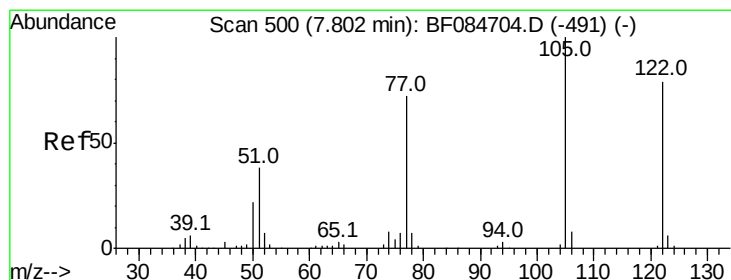
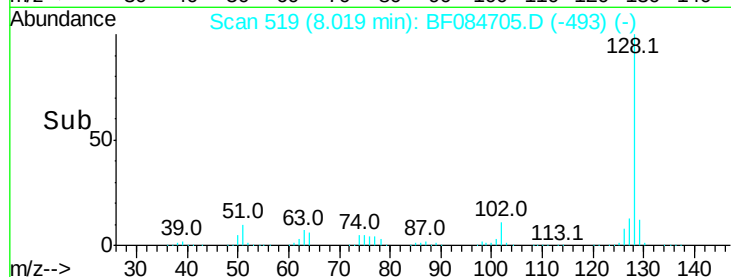
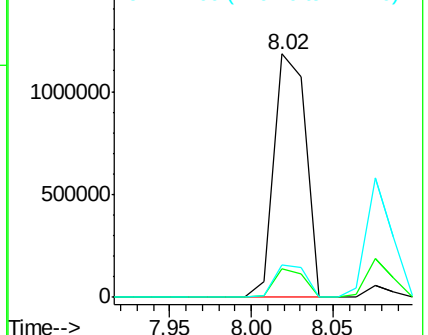
127 13.4 11.1 16.7

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



#32

Benzoic acid

Concen: 43.70 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

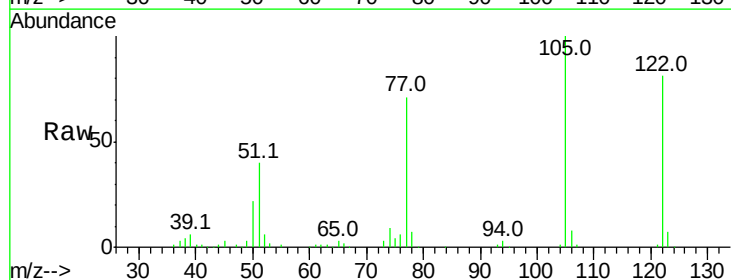
Tgt Ion:122 Resp: 364950

Ion Ratio Lower Upper

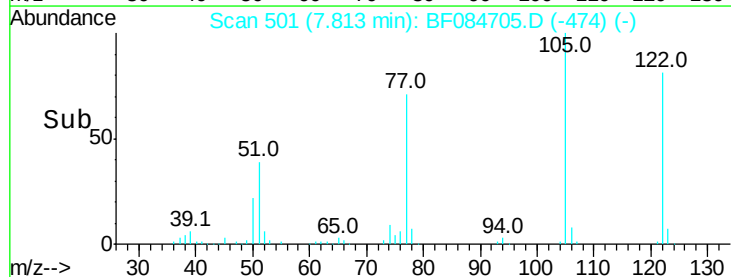
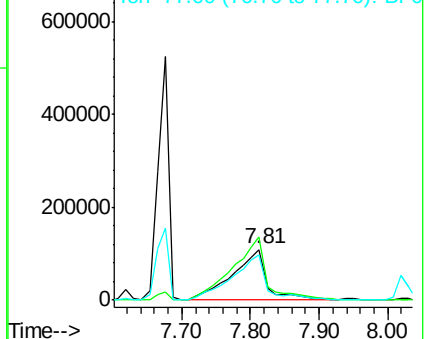
122 100

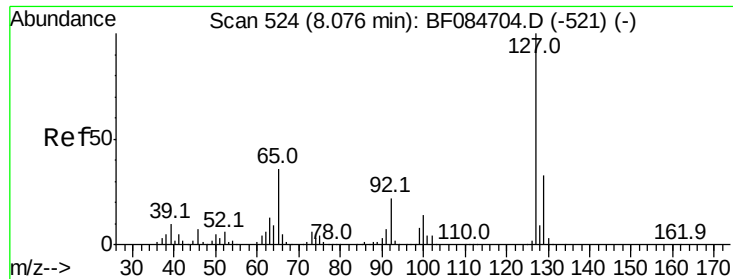
105 123.9 100.3 140.3

77 88.3 63.5 103.5



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





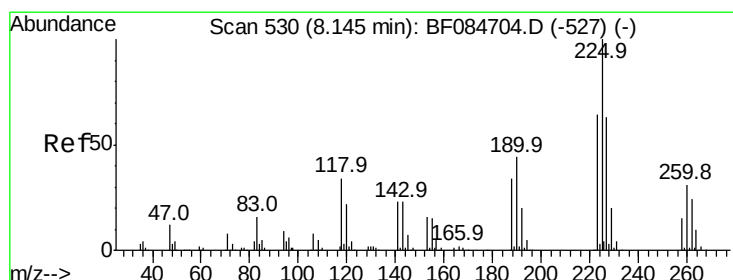
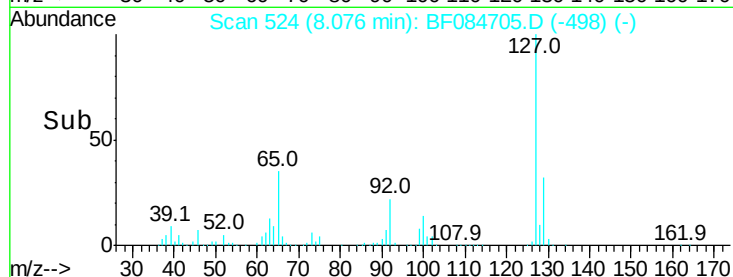
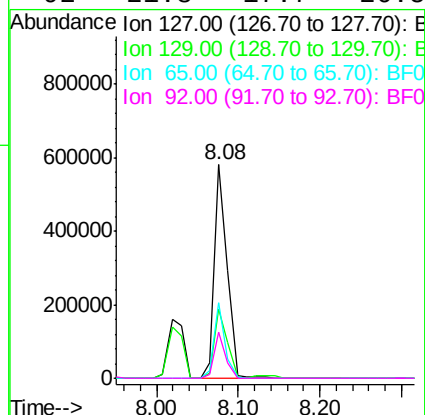
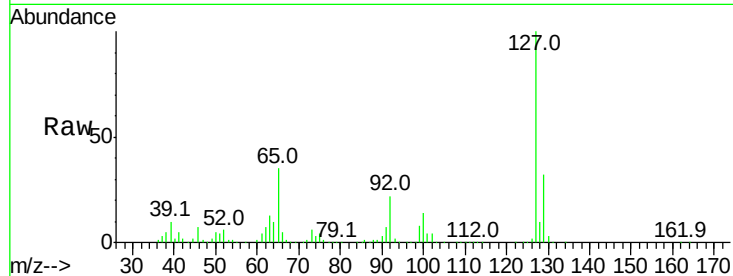
#33
4-Chloroaniline
Concen: 45.77 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.5	39.7		
65	35.3	27.2	40.8		
92	21.8	17.7	26.5		

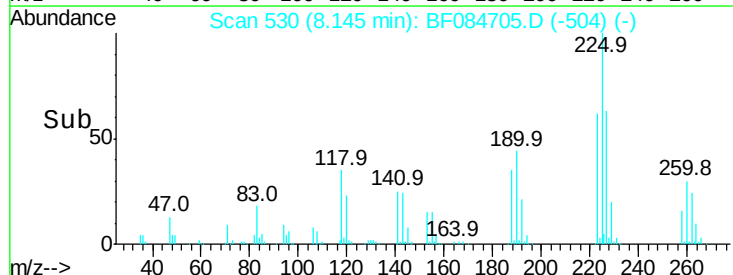
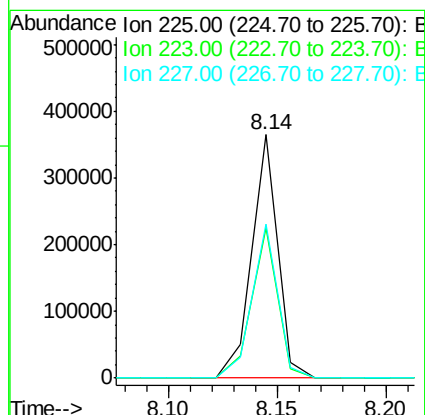
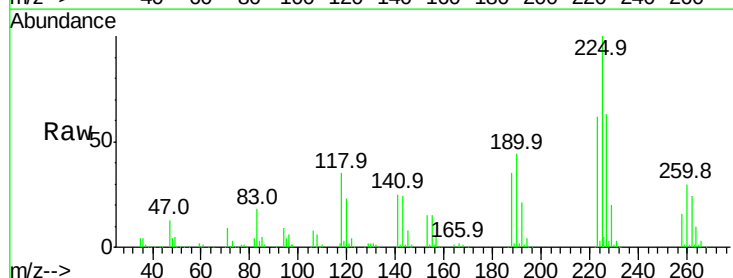
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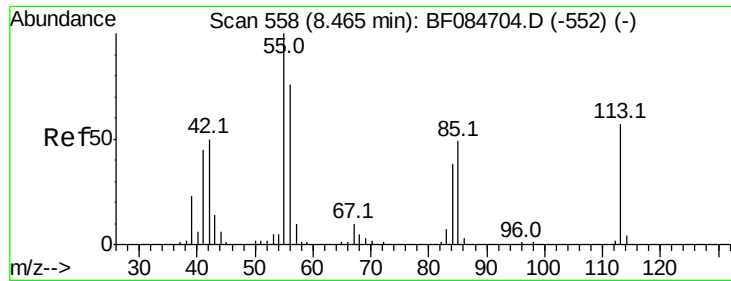
mohammad
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#34
Hexachlorobutadiene
Concen: 46.87 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	49.4	74.0		
227	63.4	50.8	76.2		





#35

Caprolactam

Concen: 50.59 ng

RT: 8.46 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

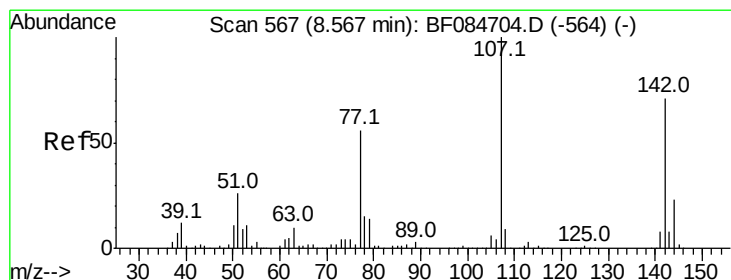
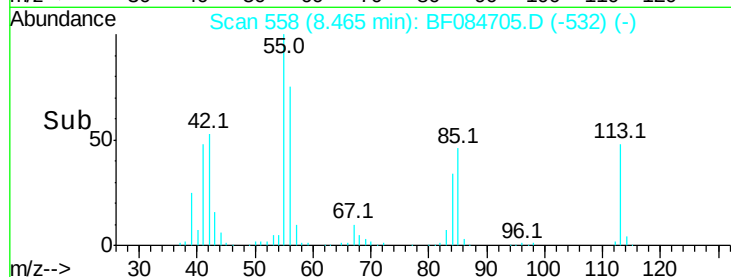
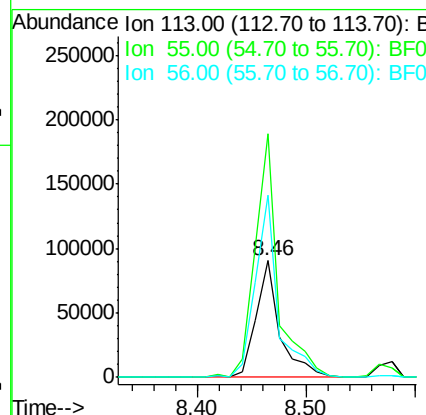
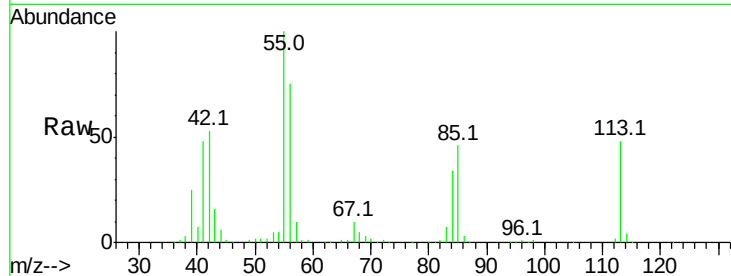
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	208.8	116.9	156.9#
56	156.1	93.8	133.8#

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#36

4-Chloro-3-methylphenol

Concen: 51.56 ng

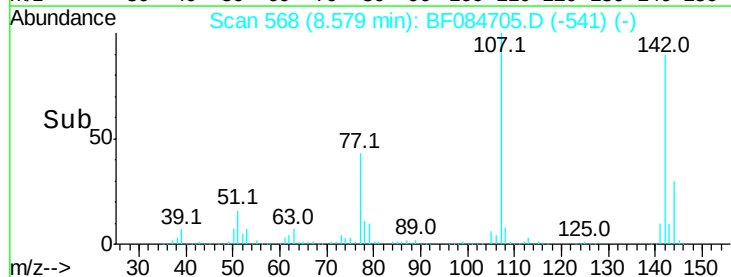
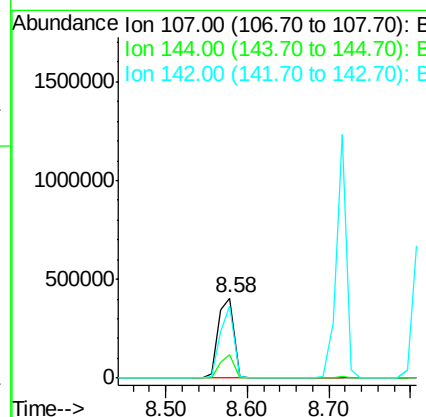
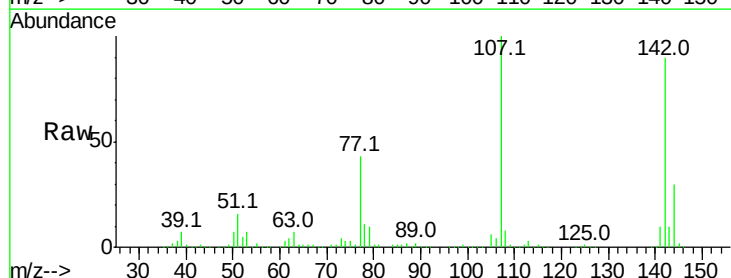
RT: 8.58 min Scan# 568

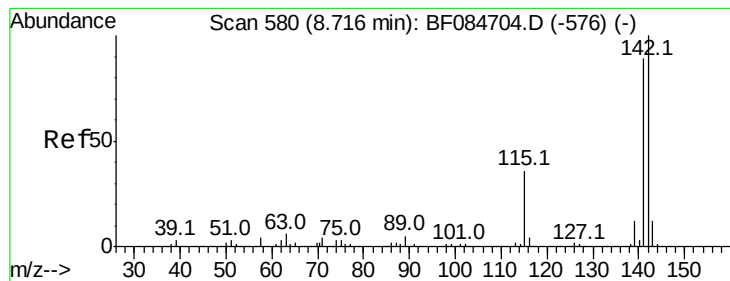
Delta R.T. 0.01 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.6	19.7	29.5#
142	89.7	61.8	92.6





#37

2-Methylnaphthalene

Concen: 50.24 ng

RT: 8.72 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:142 Resp: 1068651

Ion Ratio Lower Upper

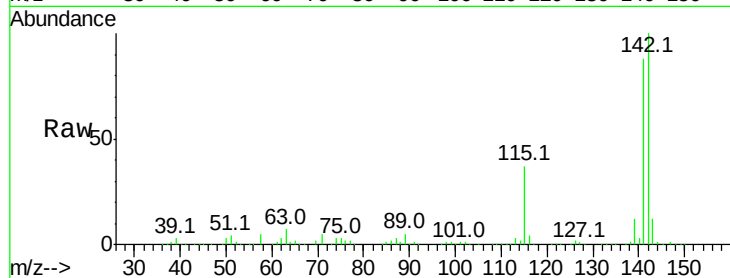
142 100

141 88.3 72.4 108.6

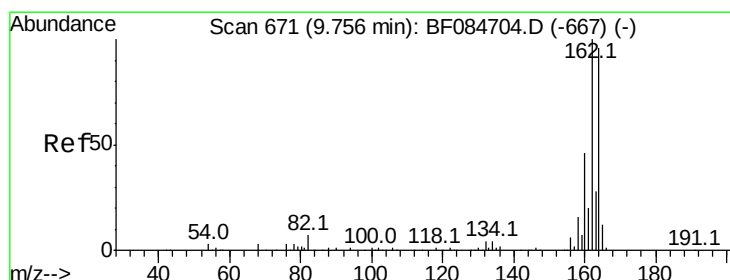
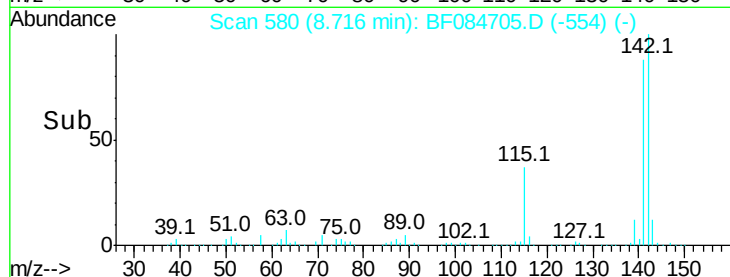
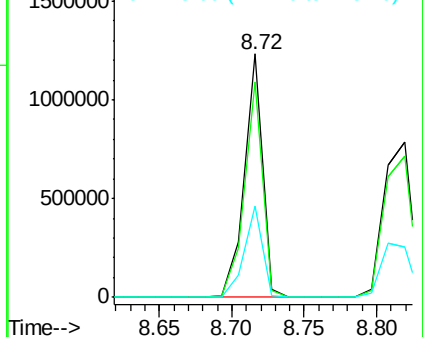
115 37.5 27.9 41.9

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

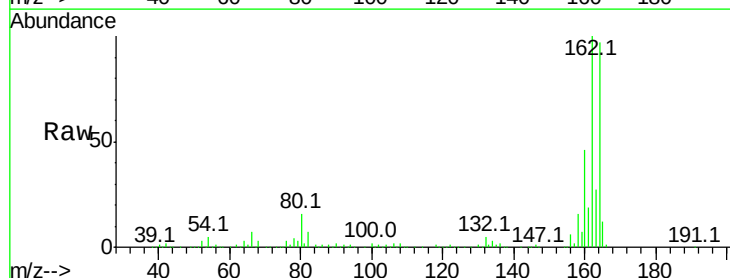
Tgt Ion:164 Resp: 334386

Ion Ratio Lower Upper

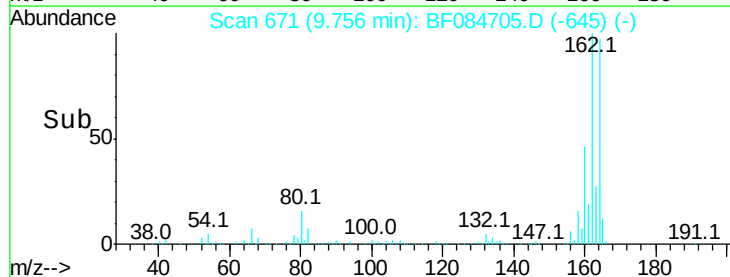
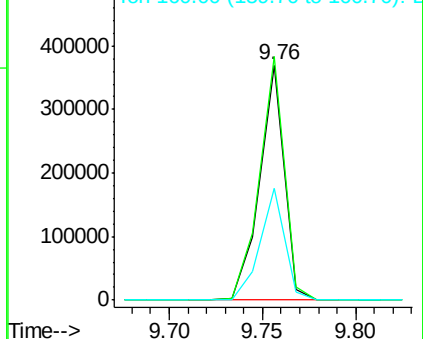
164 100

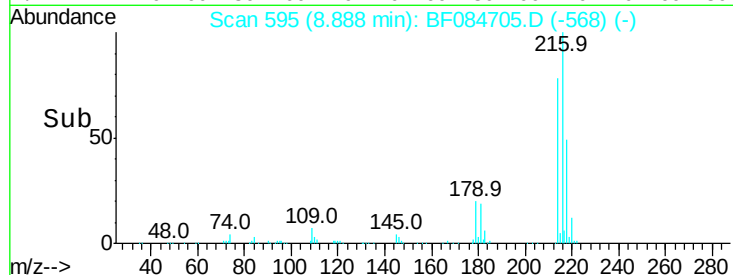
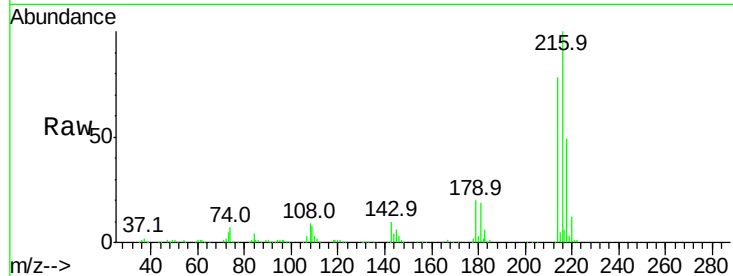
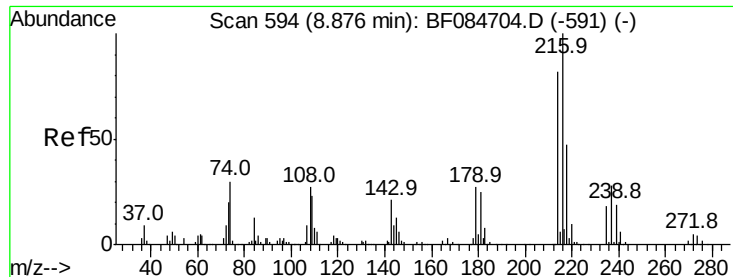
162 103.6 85.1 127.7

160 47.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





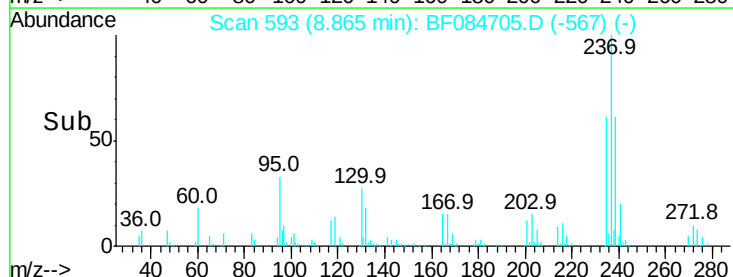
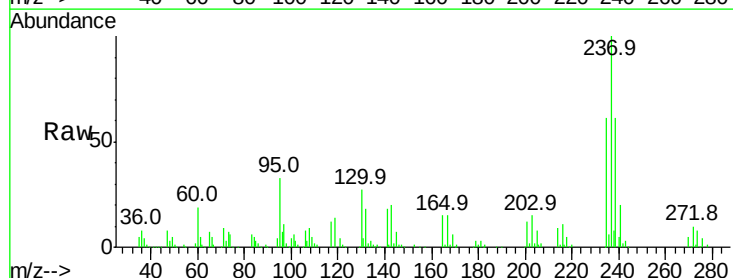
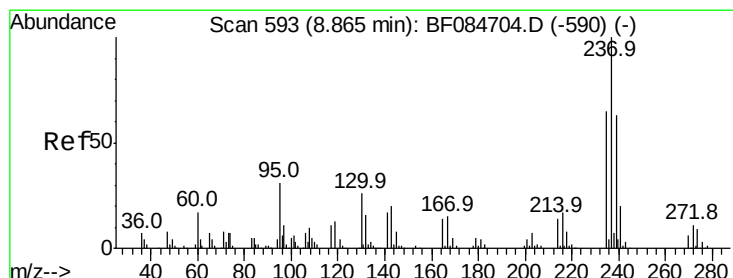
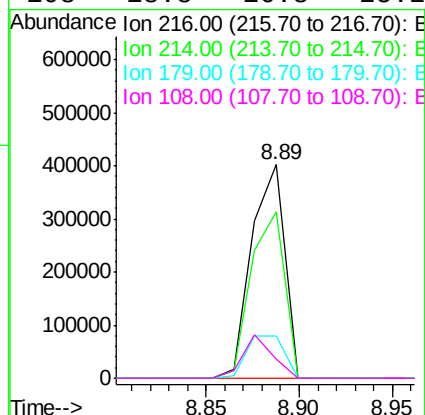
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.40 ng
RT: 8.89 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	64.2	96.2
179	22.7	18.7	28.1
108	18.8	16.8	25.2

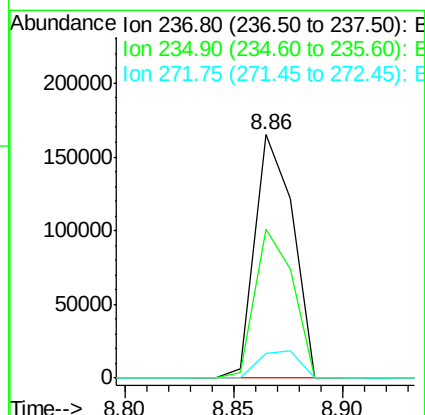
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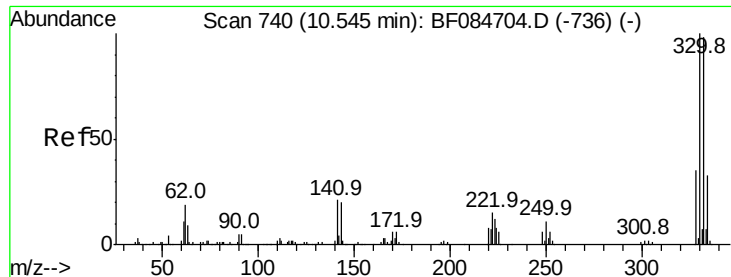
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#40
Hexachlorocyclopentadiene
Concen: 40.77 ng
RT: 8.86 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.3	43.1	83.1
272	10.4	0.0	35.1





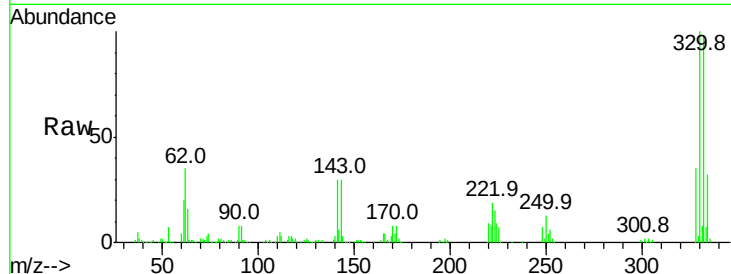
#41
 2,4,6-Tribromophenol
 Concen: 95.27 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

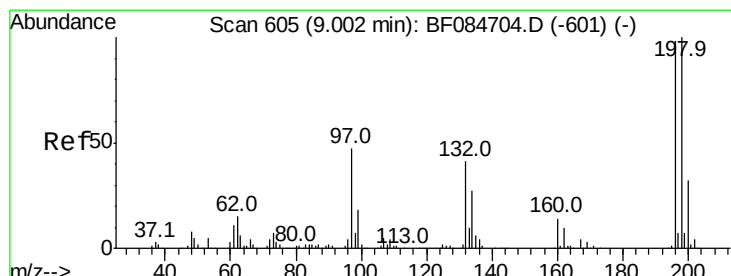
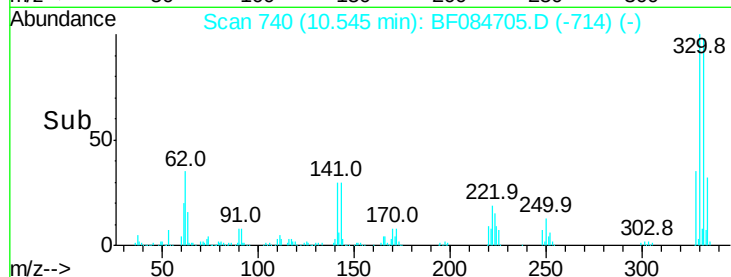
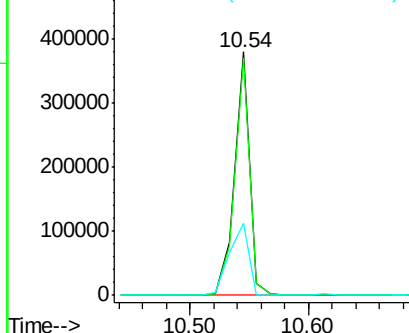
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	76.6	114.8	
141	38.3	27.8	41.6	

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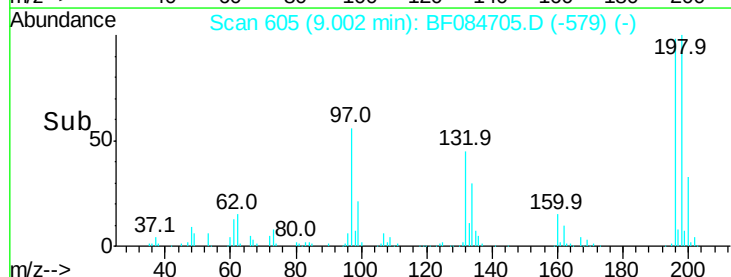
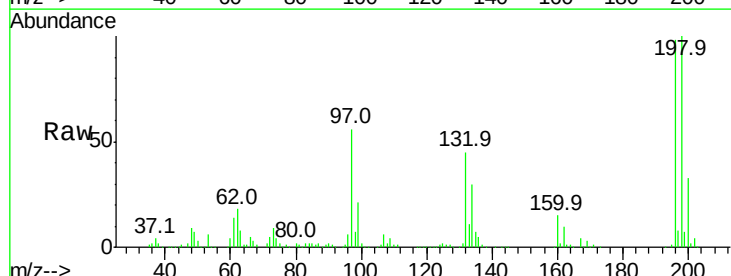
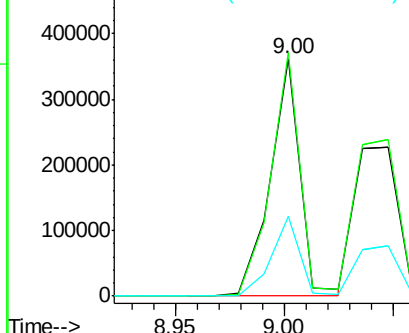
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

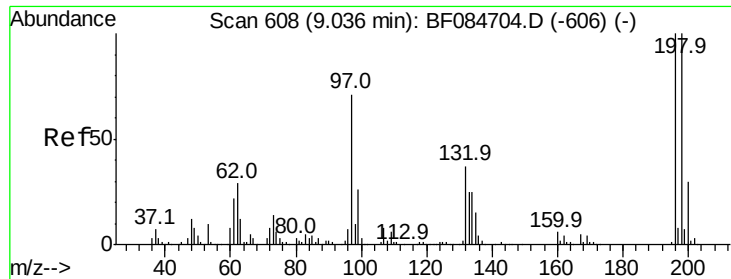


#42
 2,4,6-Trichlorophenol
 Concen: 51.41 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.4	77.7	116.5	
200	33.5	24.6	37.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





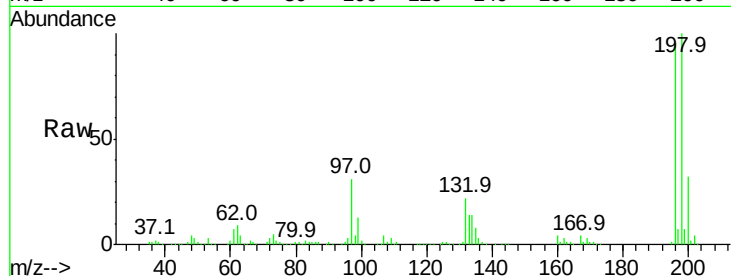
#43
 2,4,5-Trichlorophenol
 Concen: 45.61 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

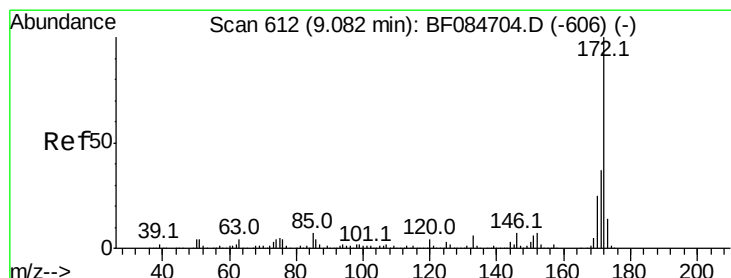
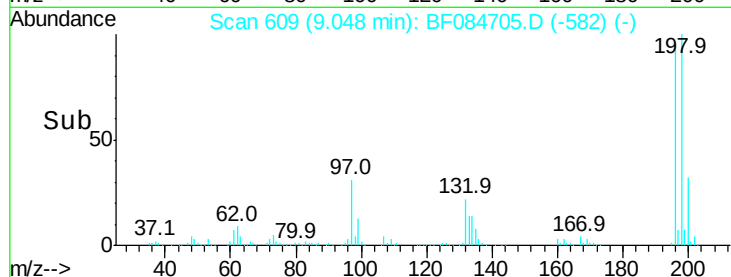
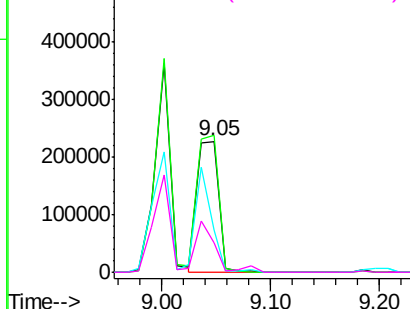
Tot Ion	Ratio	Resp	Lower	Upper
196	100	317210		
198	104.8	79.0	118.6	
97	32.2	33.0	49.6	
132	22.6	21.1	31.7	

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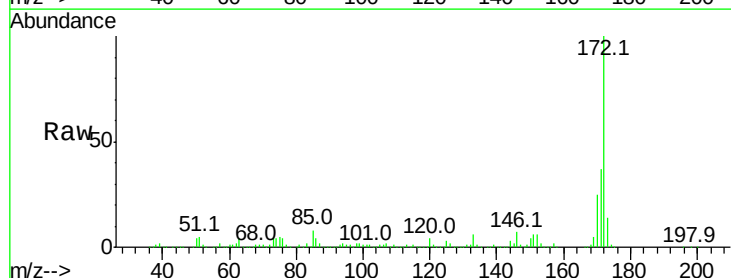


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

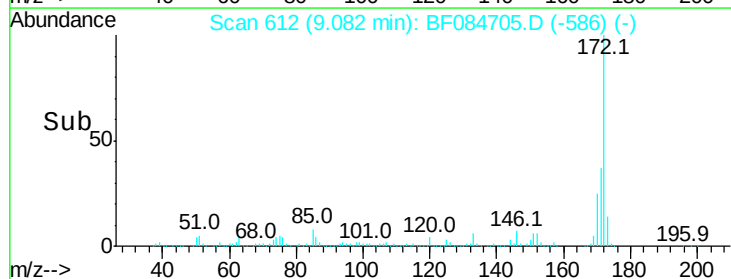
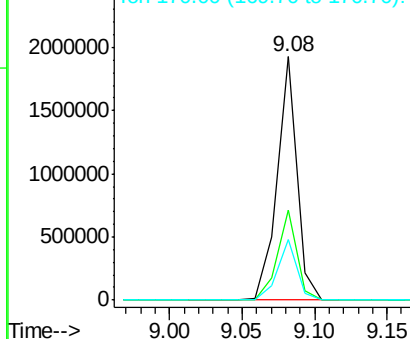


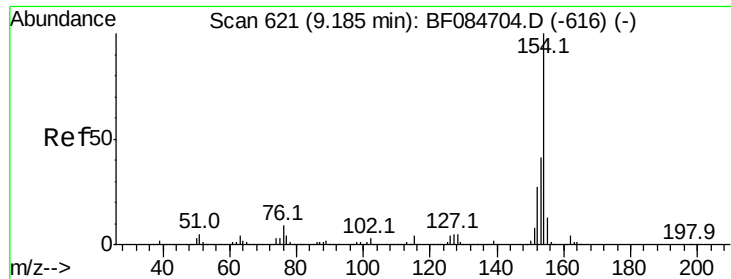
#44
 2-Fluorobiphenyl
 Concen: 81.23 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084705.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1827502		
171	37.2	28.9	43.3	
170	24.9	18.6	27.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.57 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:154 Resp: 1488448

Ion Ratio Lower Upper

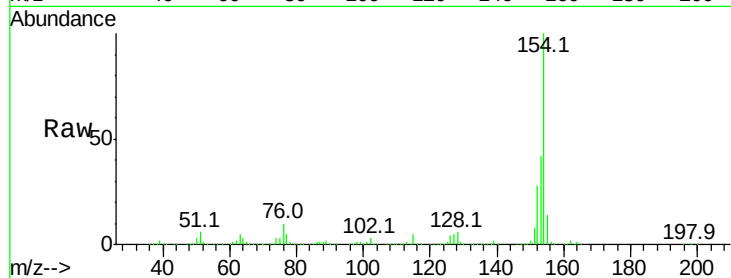
154 100

153 41.7 21.6 61.6

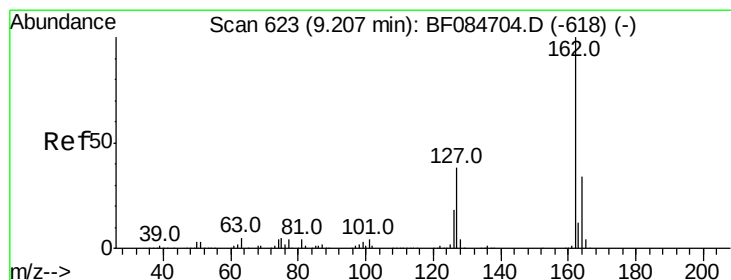
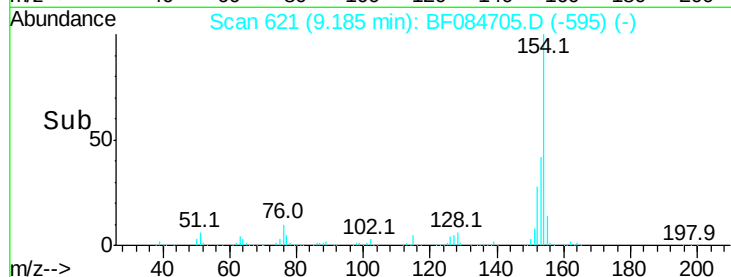
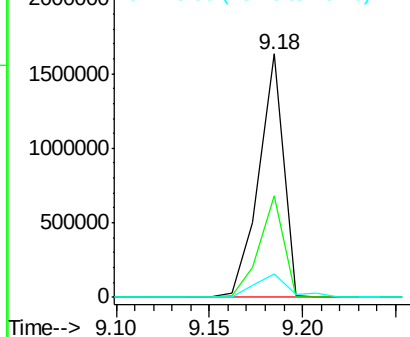
76 9.7 0.0 32.7

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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: 47.97 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

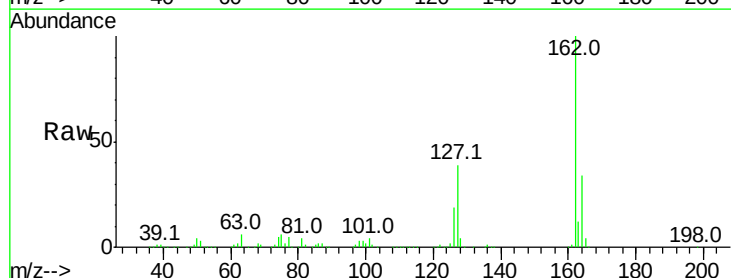
Tgt Ion:162 Resp: 1072497

Ion Ratio Lower Upper

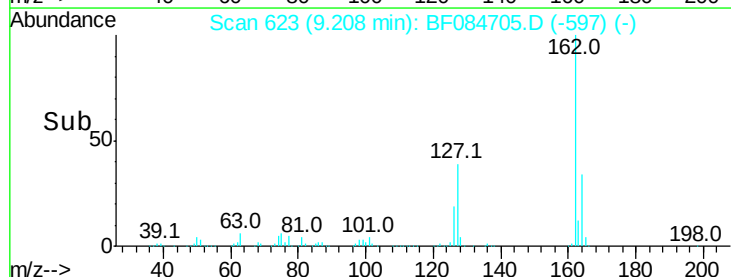
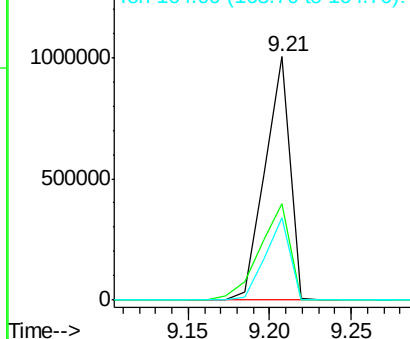
162 100

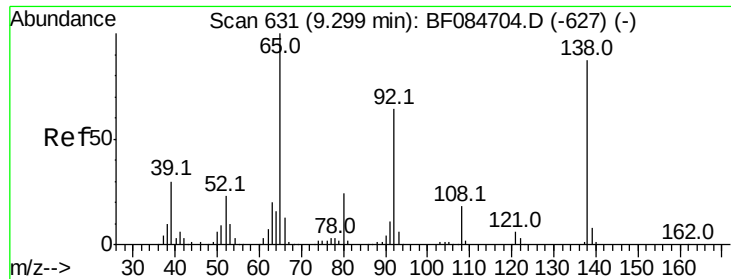
127 39.4 40.2 60.4#

164 34.0 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





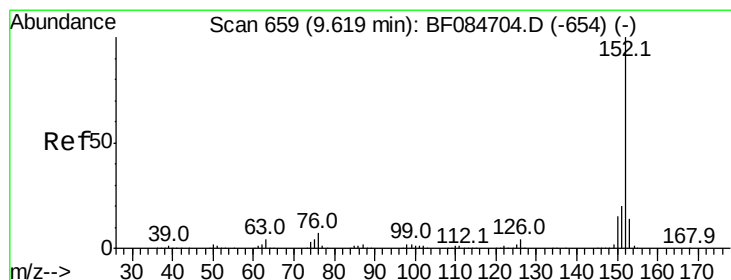
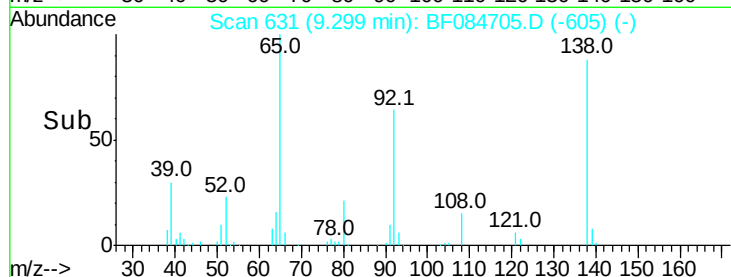
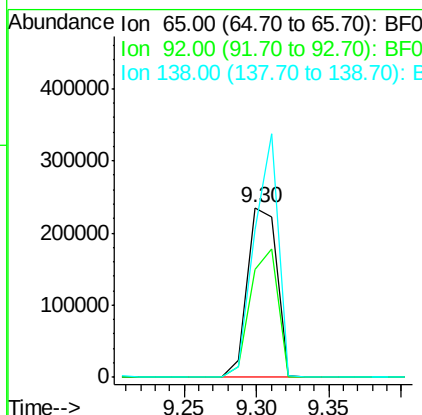
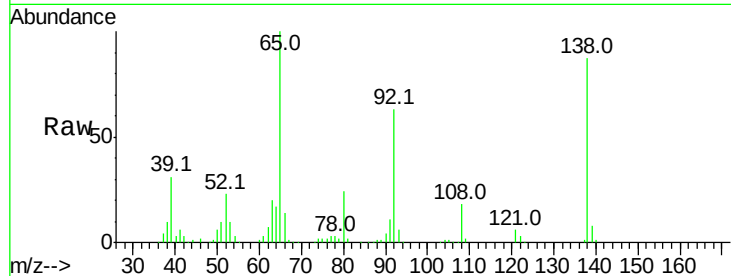
#47
2-Nitroaniline
Concen: 49.50 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	53.4	80.2
138	87.1	71.1	106.7

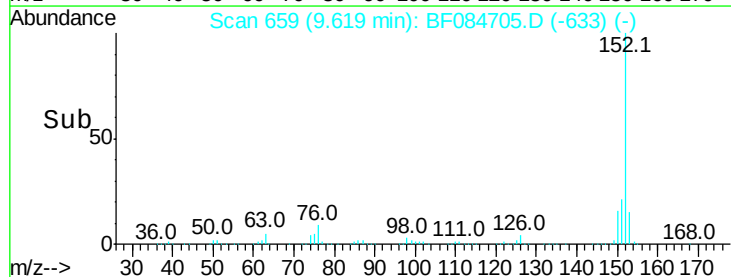
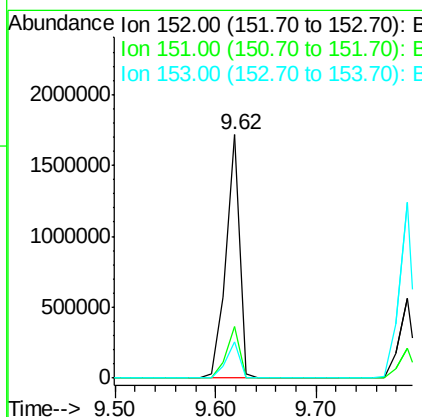
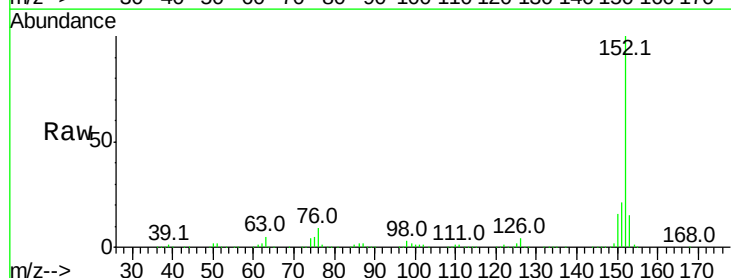
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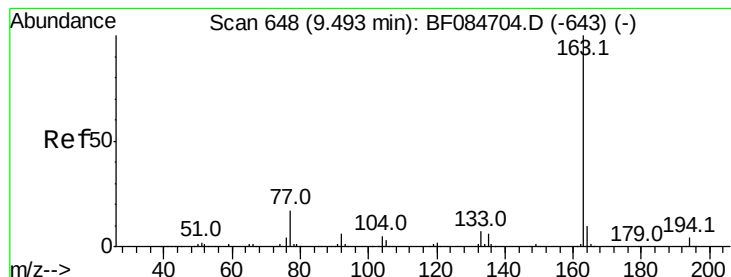
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#48
Acenaphthylene
Concen: 47.51 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	14.8	10.4	15.6





#49

Dimethylphthalate

Concen: 49.06 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

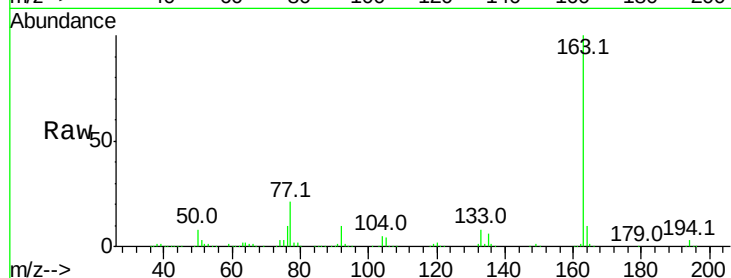
ClientSampleId :

SSTDIC050

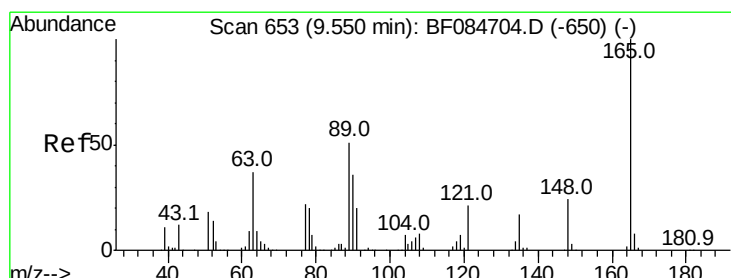
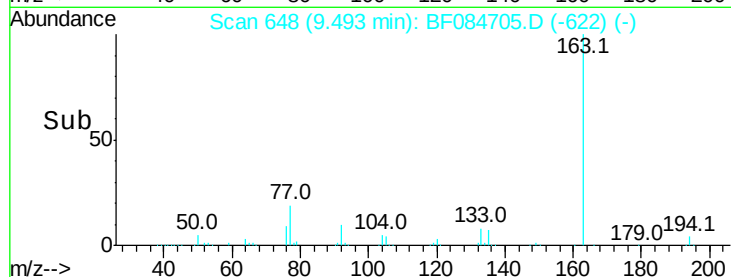
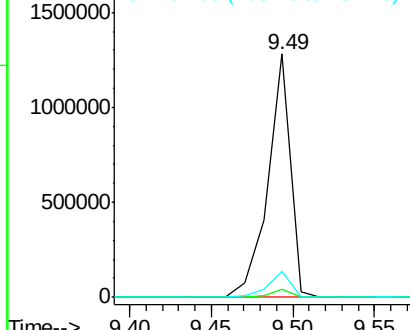
Tot Ion	163	Resp	1231326
Ion Ratio	Lower	Upper	
163	100		
194	3.4	8.0	12.0#
164	10.4	8.0	12.0

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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: 46.41 ng

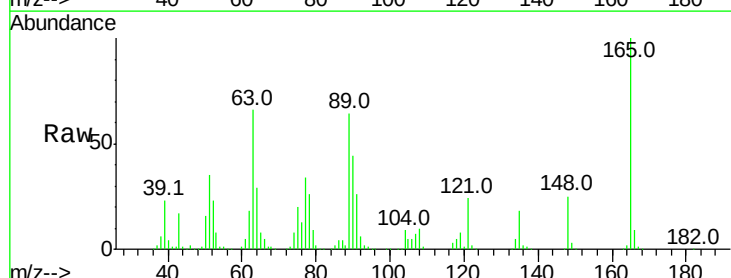
RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

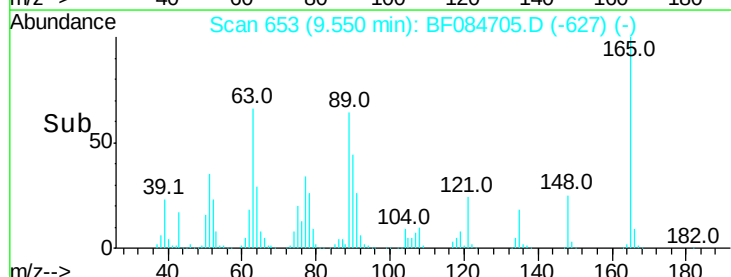
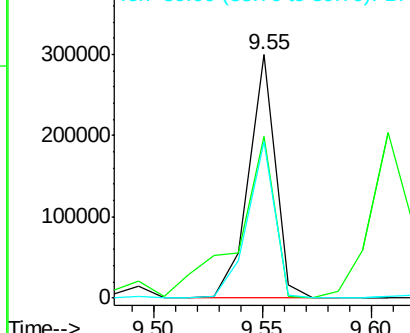
Lab File: BF084705.D

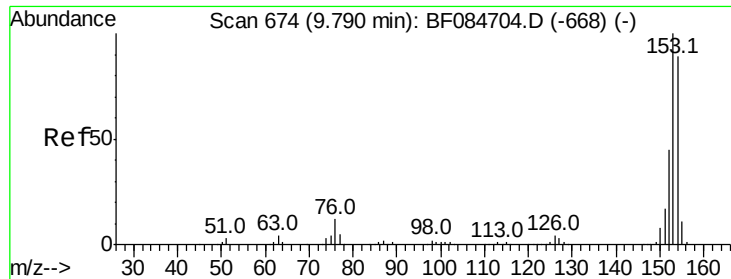
Acq: 1 Feb 2016 12:59

Tgt Ion	165	Resp	256271
Ion Ratio	Lower	Upper	
165	100		
63	66.5	28.8	43.2#
89	64.2	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: 45.48 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1031749

Ion Ratio Lower Upper

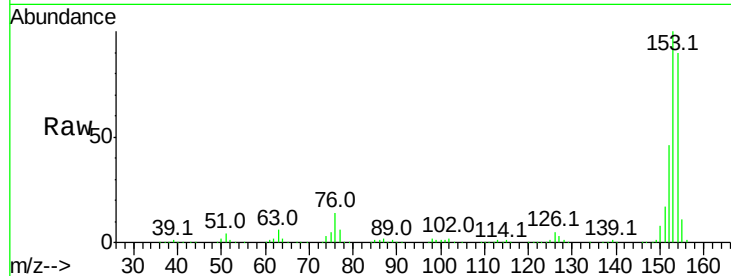
154 100

153 111.2 91.5 137.3

152 50.9 43.0 64.6

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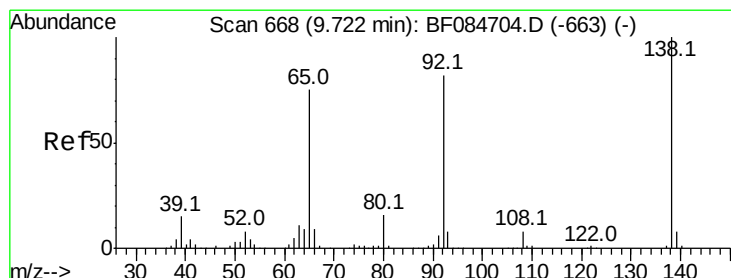
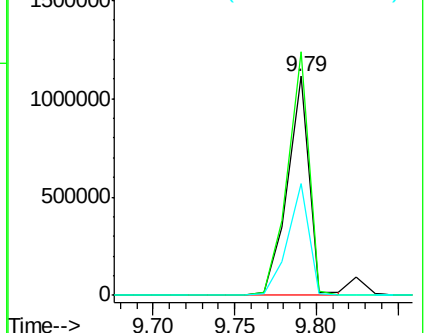
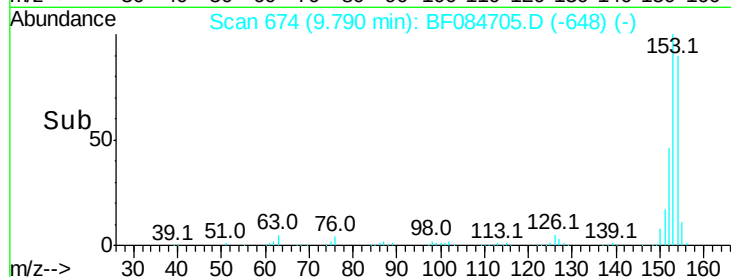
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 58.32 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

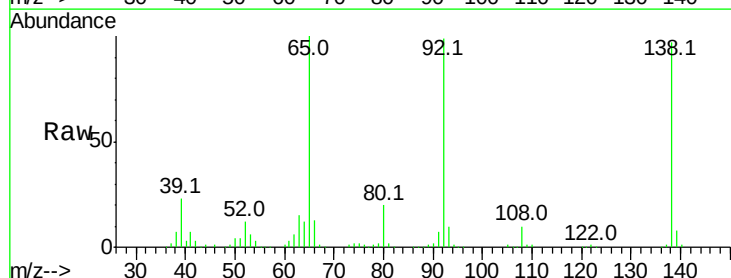
Tgt Ion:138 Resp: 336511

Ion Ratio Lower Upper

138 100

108 10.0 10.5 15.7#

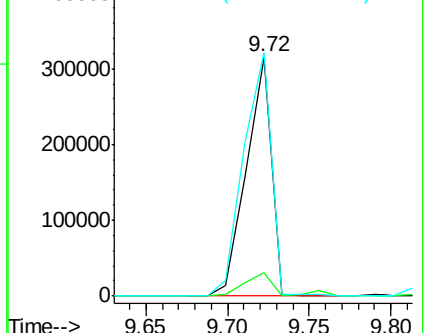
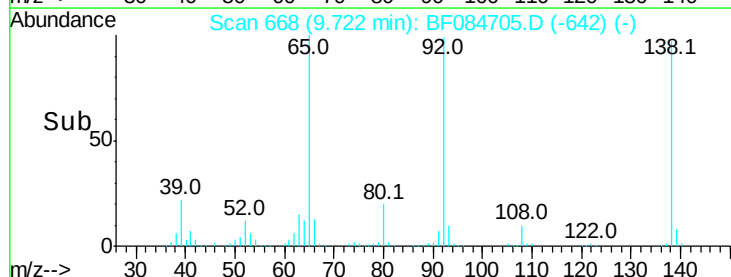
92 101.9 103.9 155.9#

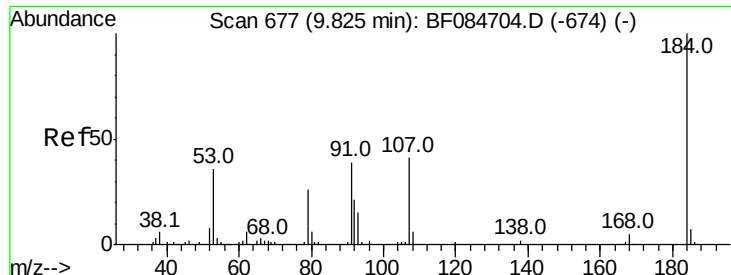


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





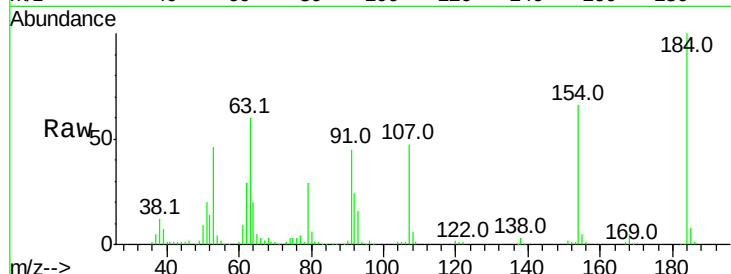
#53
 2,4-Dinitrophenol
 Concen: 46.02 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	125398		
63	60.3	43.1	64.7	
154	65.7	60.5	90.7	

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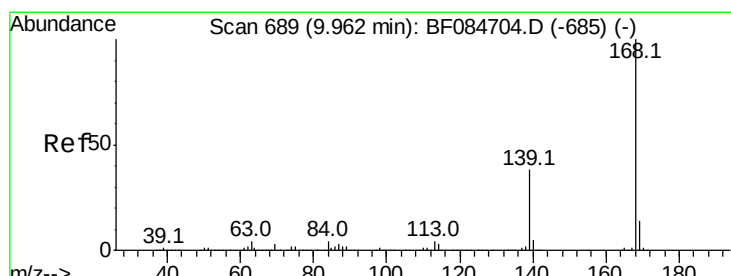
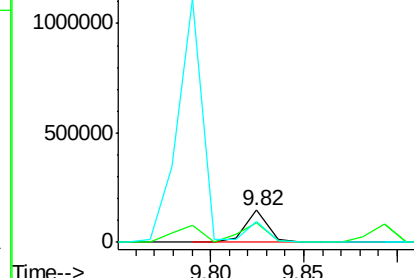
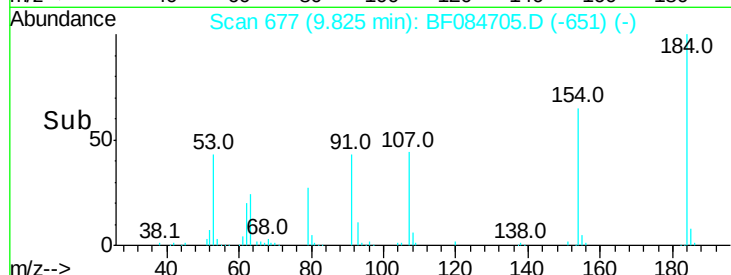


Abundance

Ion 184.00 (183.70 to 184.70): E

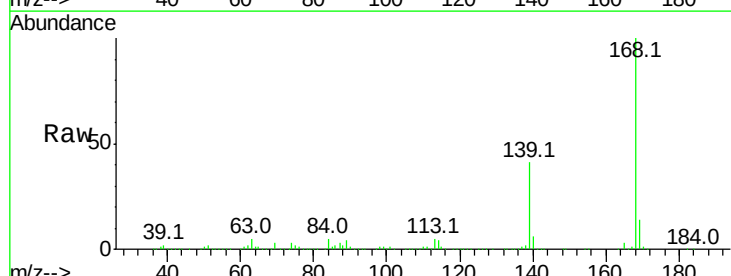
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 48.51 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1313473		
139	41.0	30.5	45.7	
169	14.0	10.4	15.6	

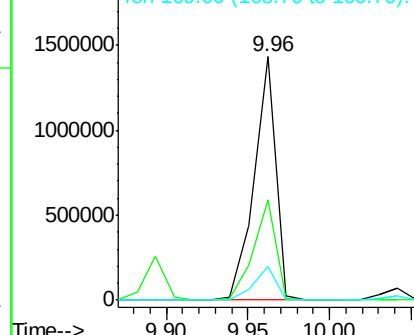
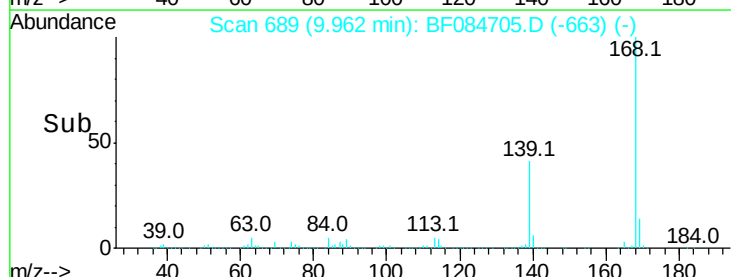


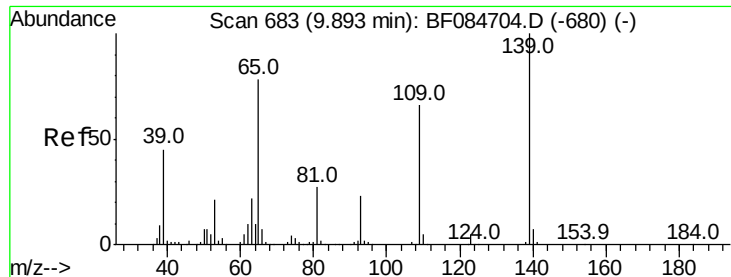
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 54.15 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

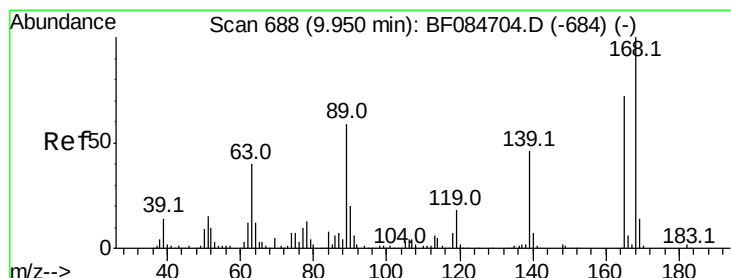
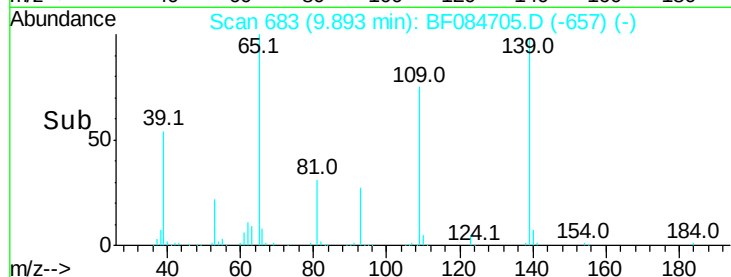
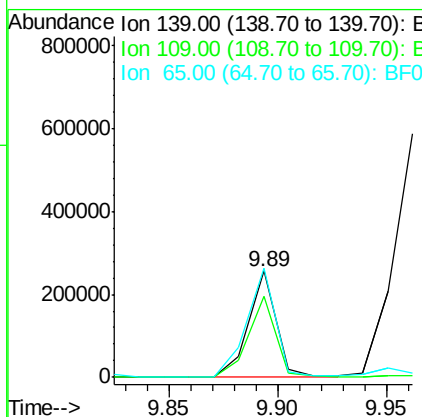
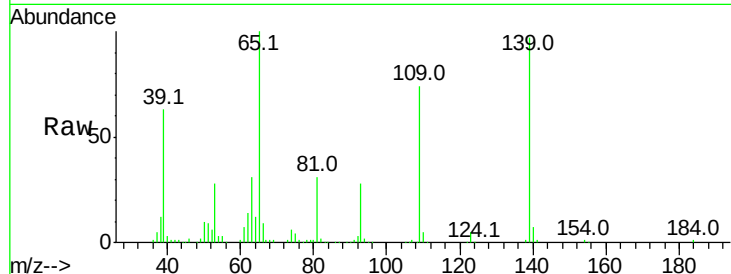
ClientSampleId :

SSTDIC050

Tot Ion:	139	Resp:	229494
Ion Ratio	Lower	Upper	
139	100		
109	76.5	58.5	98.5
65	102.9	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 43.74 ng

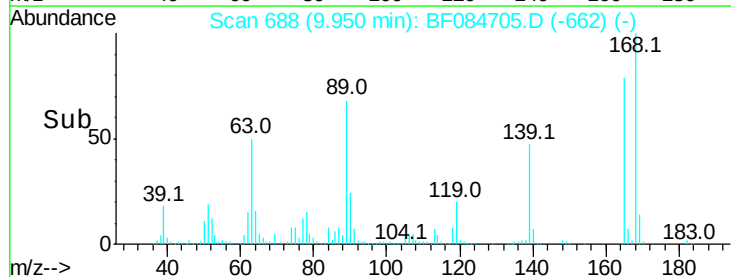
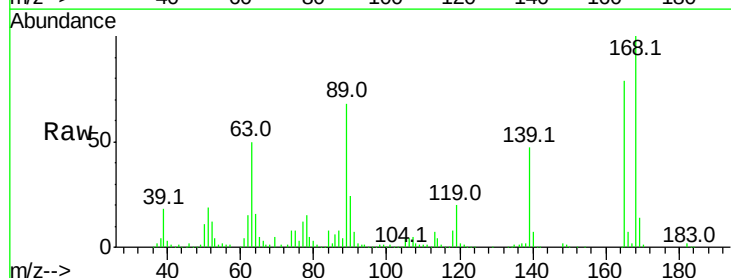
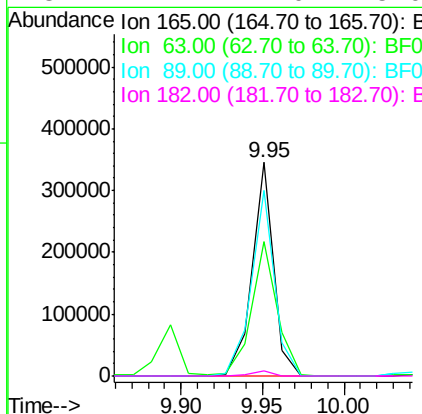
RT: 9.95 min Scan# 688

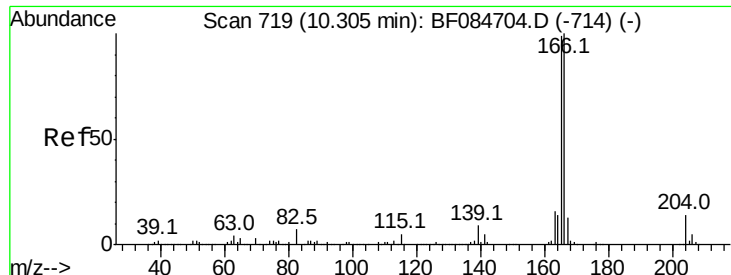
Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Tgt Ion:	165	Resp:	313776
Ion Ratio	Lower	Upper	
165	100		
63	63.2	36.7	55.1#
89	87.1	61.9	92.9
182	2.2	2.0	3.0





#57

Fluorene

Concen: 49.13 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 1127486

Ion Ratio Lower Upper

166 100

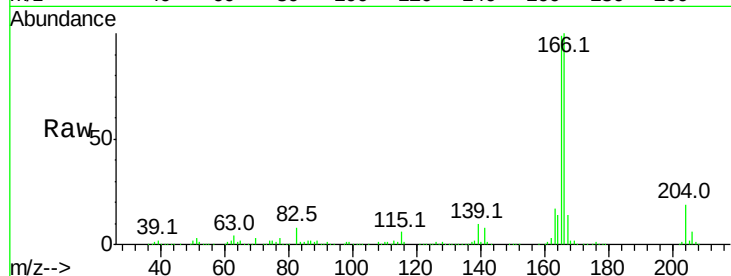
165 99.0 79.1 118.7

167 13.5 10.4 15.6

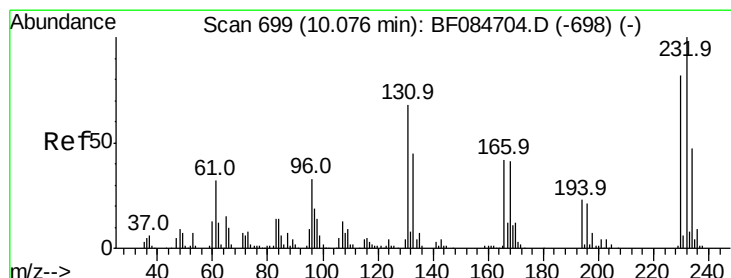
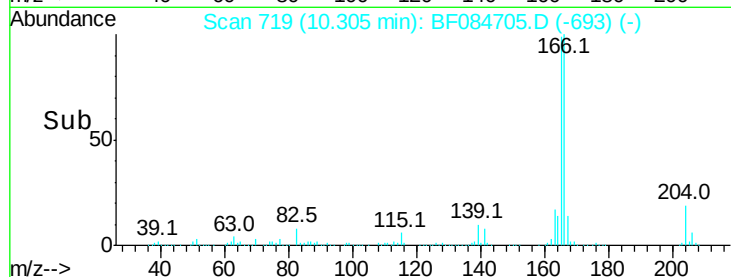
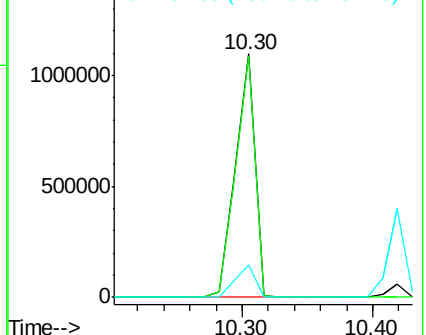
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.86 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Tgt Ion:232 Resp: 262176

Ion Ratio Lower Upper

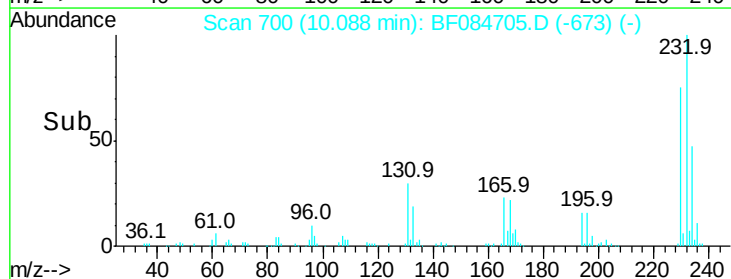
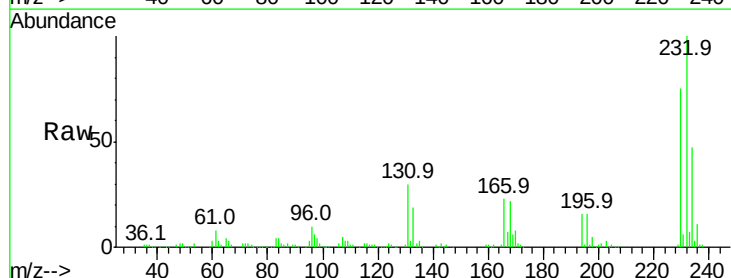
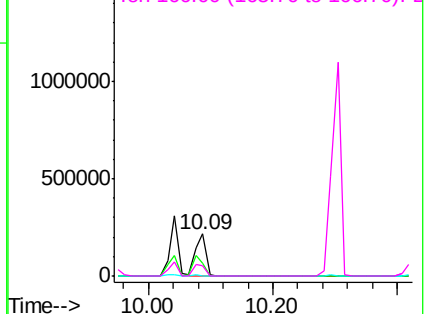
232 100

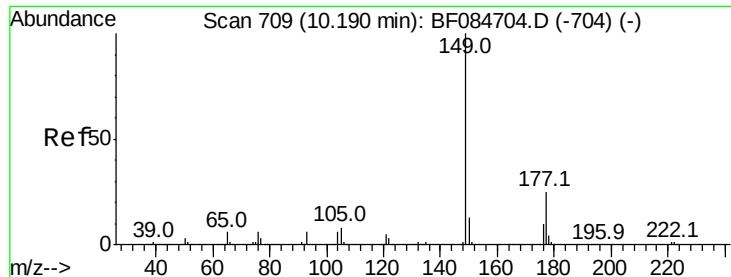
131 48.3 47.0 70.6

130 2.1 2.0 3.0

166 31.1 30.5 45.7

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





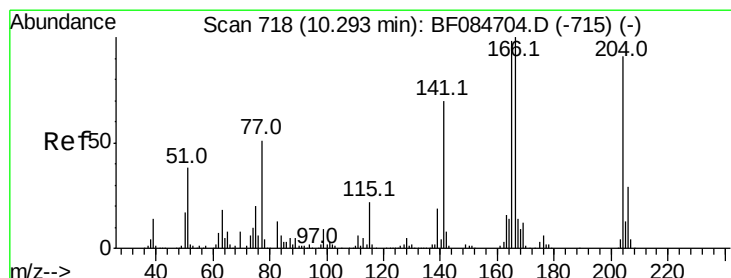
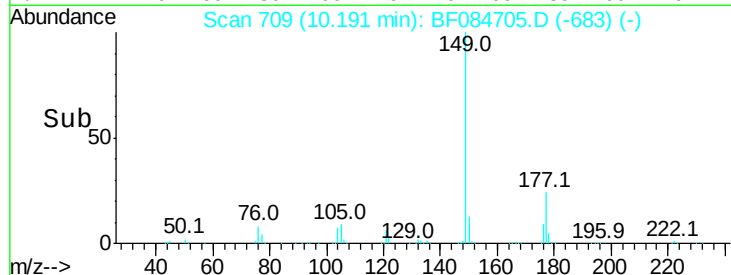
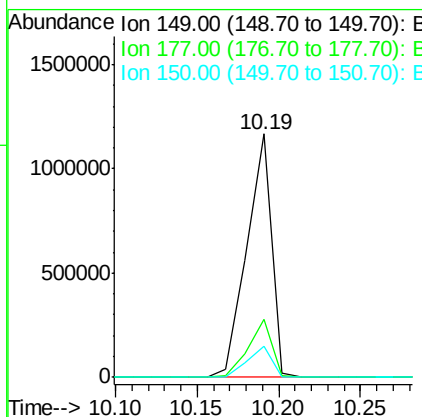
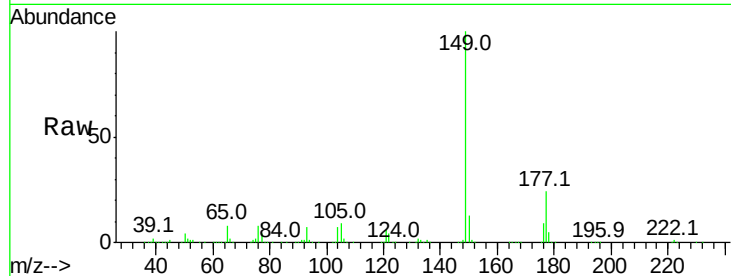
#59
Diethylphthalate
Concen: 49.89 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	17.3	25.9
150	12.7	9.8	14.8

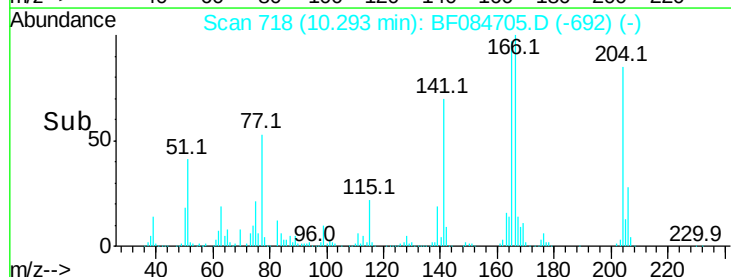
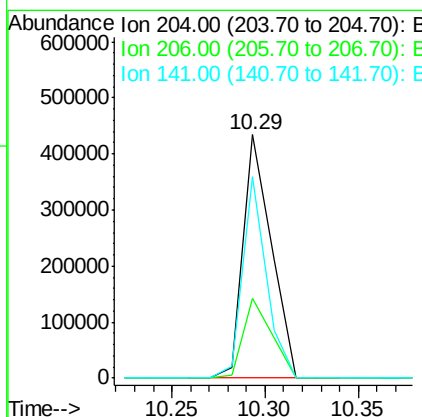
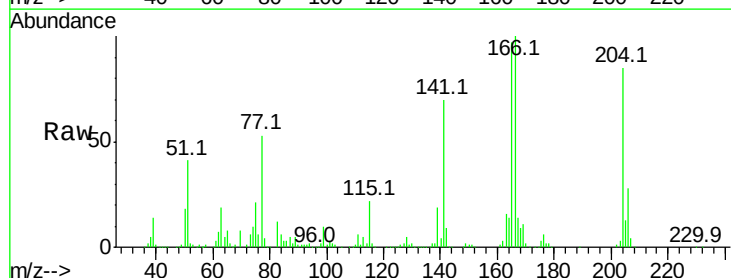
Manual Integrations
APPROVED

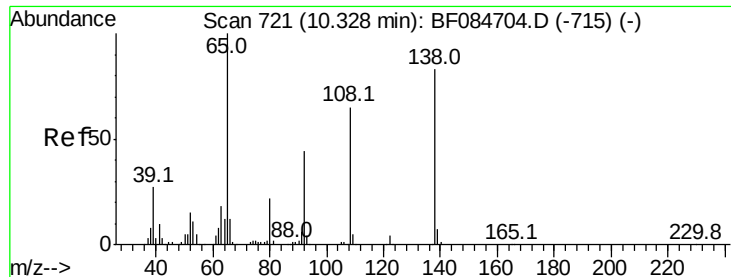
mohammad
2/2/2016 4:17:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.14 ng
RT: 10.29 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.7	38.5
141	82.7	55.1	82.7





#61

4-Nitroaniline

Concen: 51.68 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:138 Resp: 282270

Ion Ratio Lower Upper

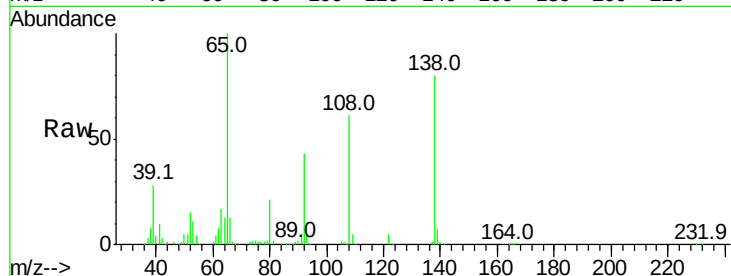
138 100

92 54.1 32.6 72.6

108 76.5 68.6 108.6

Manual Integrations
APPROVED

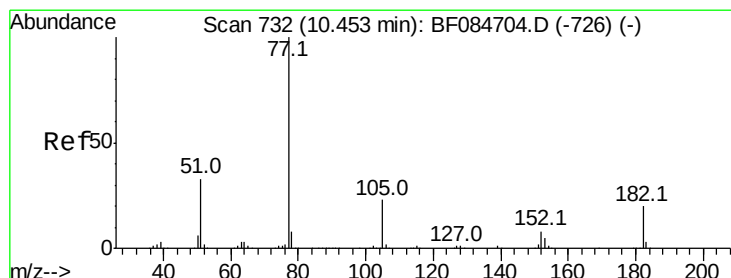
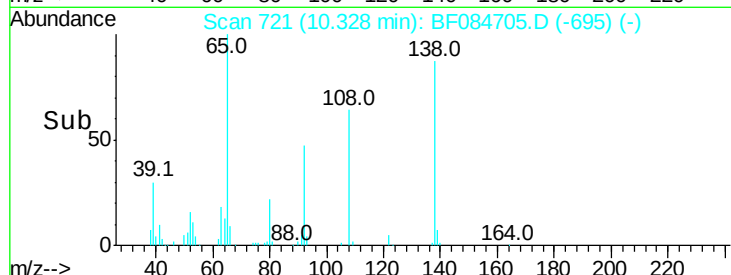
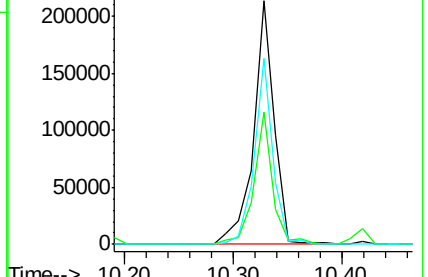
mohammad
2/2/2016 4:17:28 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.85 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Tgt Ion: 77 Resp: 1078049

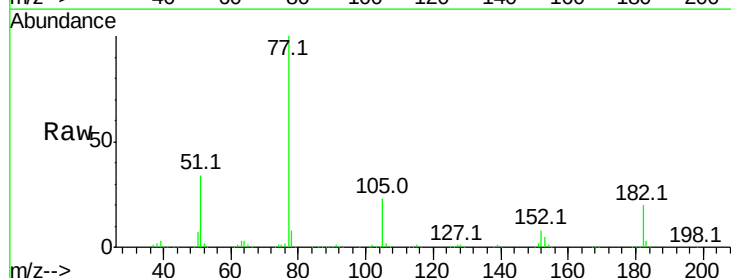
Ion Ratio Lower Upper

77 100

182 19.8 8.3 48.3

105 23.2 4.6 44.6

51 33.8 6.2 46.2

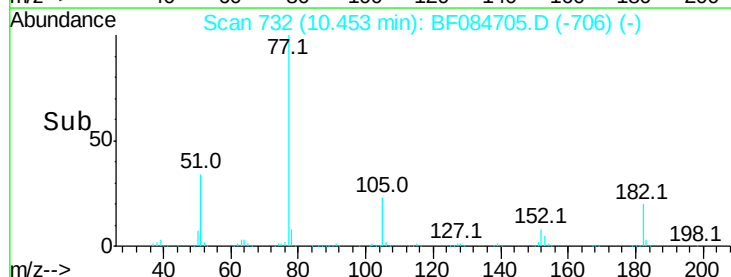
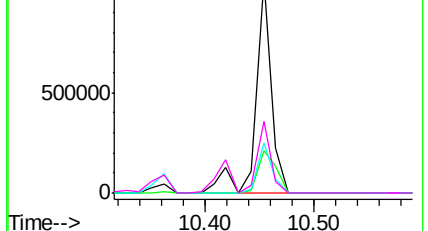


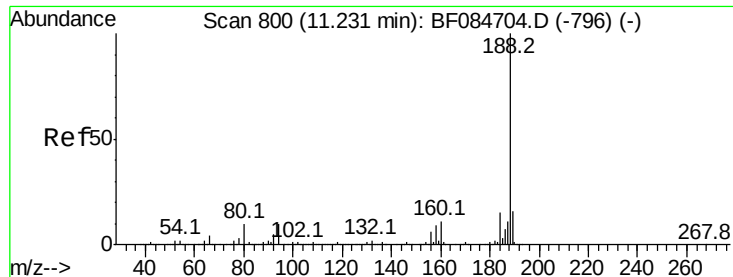
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





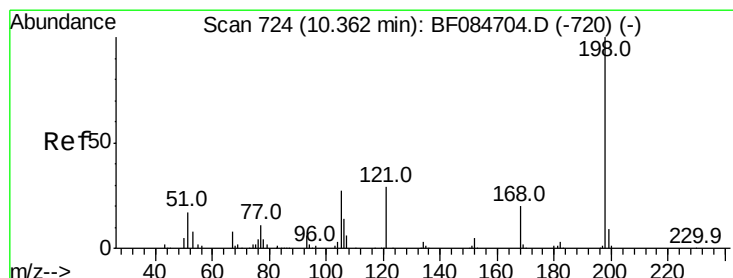
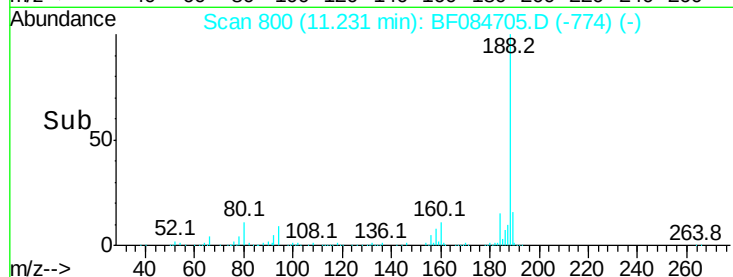
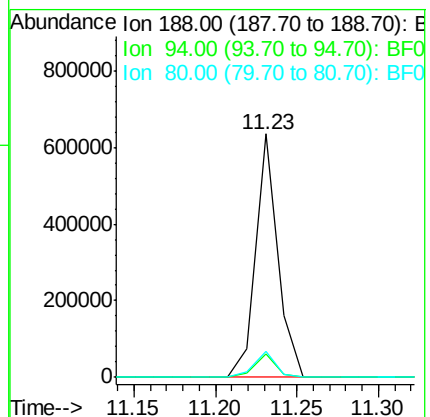
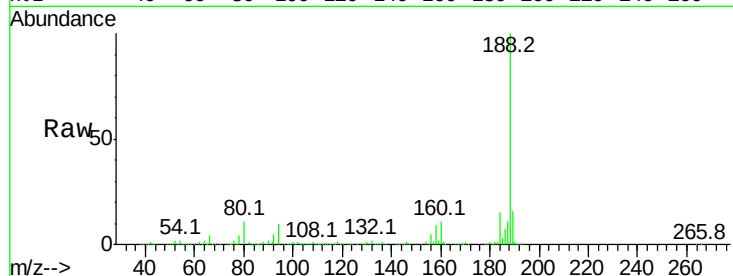
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.9	9.0	13.4	
80	10.8	9.6	14.4	

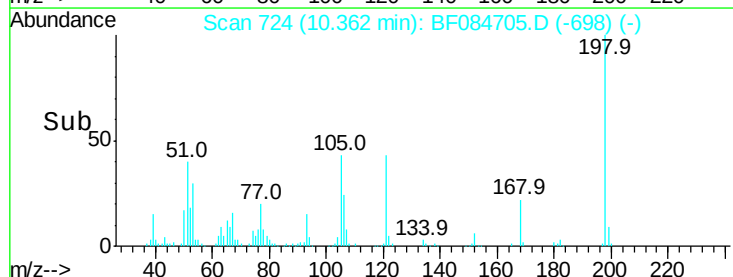
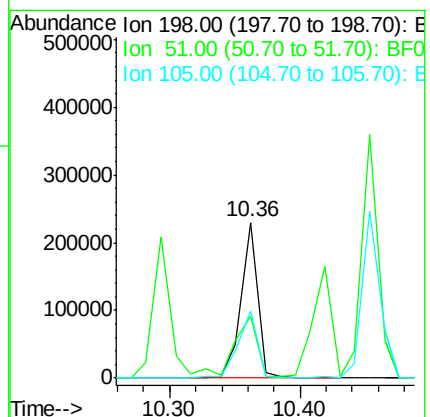
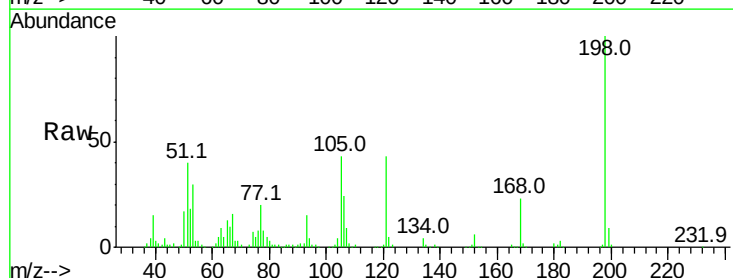
Manual Integrations
APPROVED

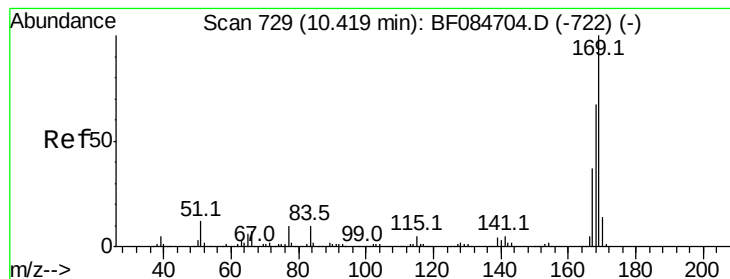
mohammad
2/2/2016 4:17:28 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.66 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	40.1	18.9	58.9	
105	42.7	26.4	66.4	





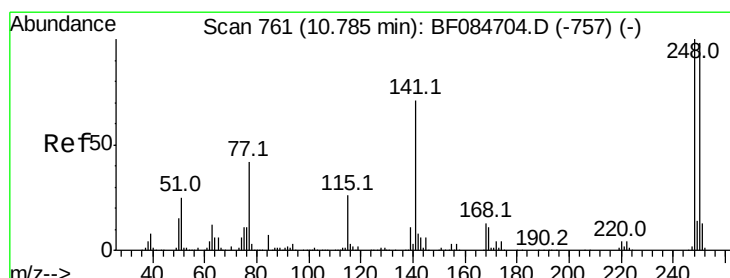
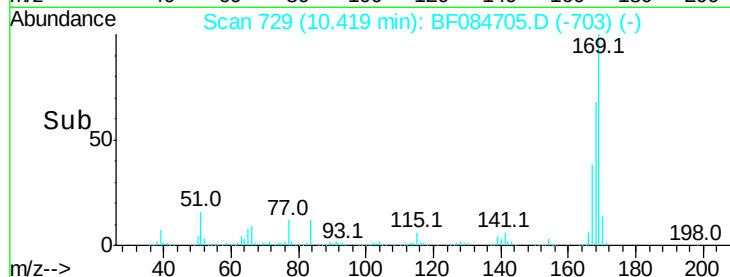
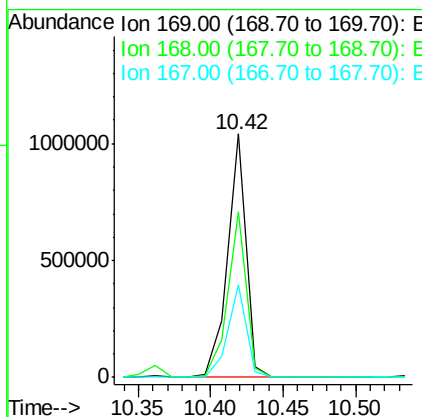
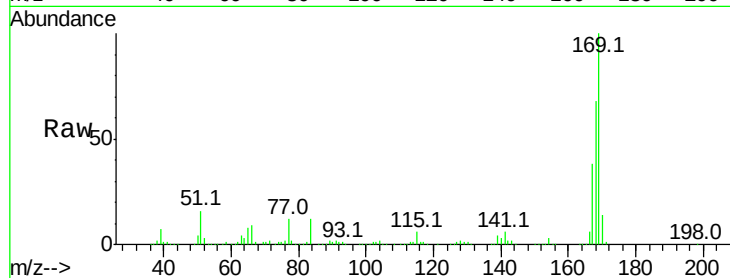
#65
n-Nitrosodiphenylamine
Concen: 47.41 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
169	100	920414		
168	68.0		55.1	82.7
167	38.1		30.0	45.0

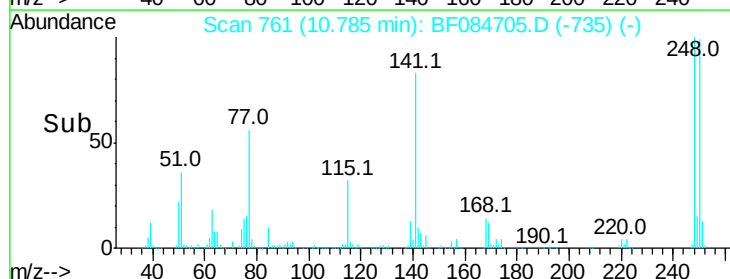
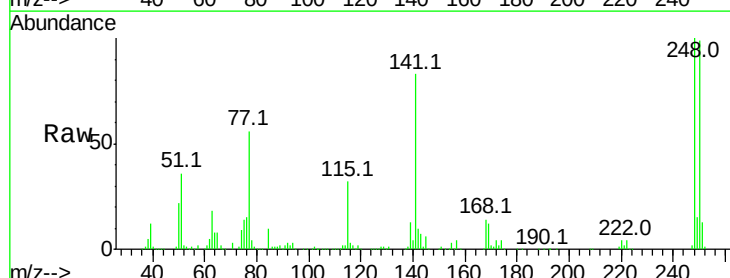
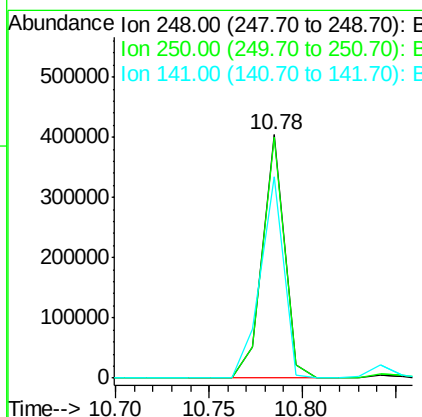
Manual Integrations
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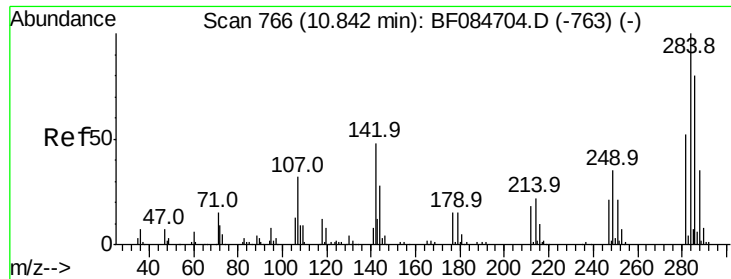
mohammad
2/2/2016 4:17:28 PM



#66
4-Bromophenyl-phenylether
Concen: 48.68 ng
RT: 10.78 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	328235		
250	98.7		78.4	117.6
141	82.9		44.0	66.0





#67

Hexachlorobenzene

Concen: 47.73 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

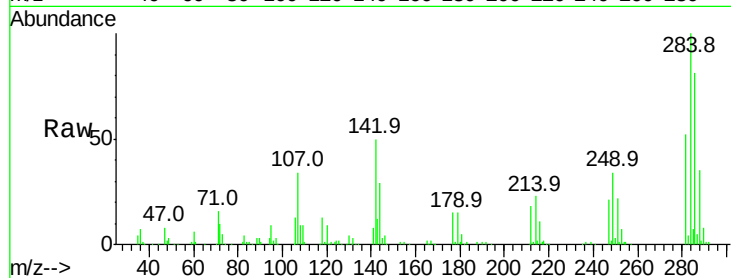
ClientSampleId :

SSTDICC050

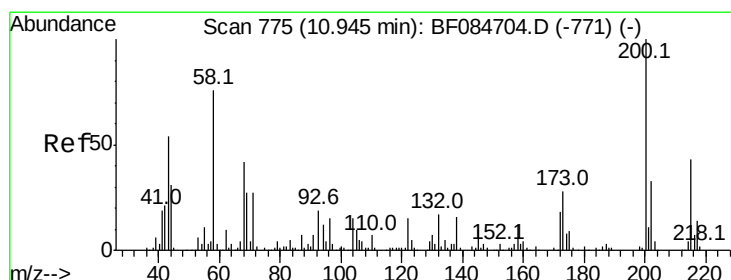
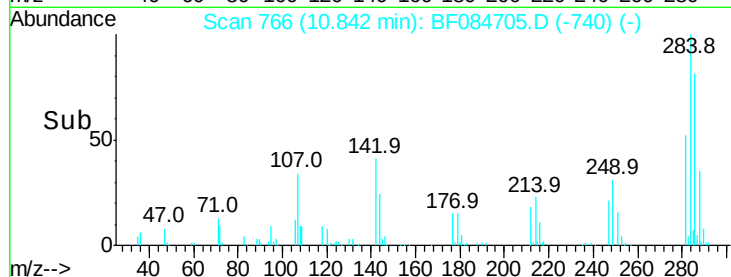
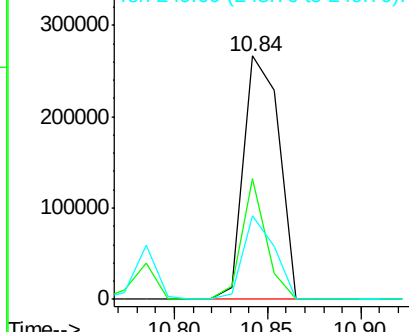
Tot Ion:	284	Resp:	350098
Ion Ratio		Lower	Upper
284	100		
142	49.7	22.2	33.4#
249	34.3	24.6	37.0

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



#68

Atrazine

Concen: 51.89 ng

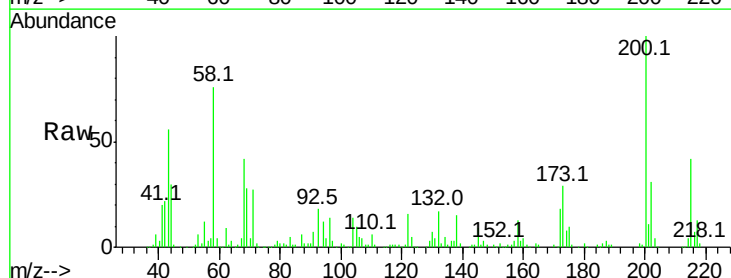
RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

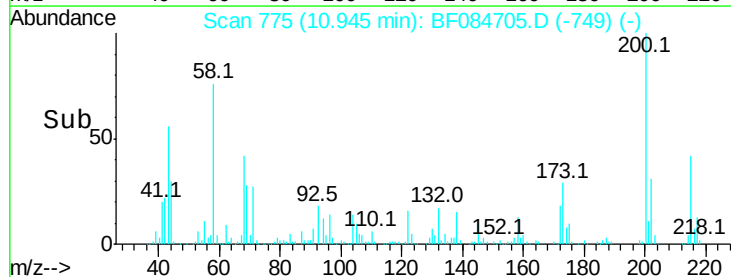
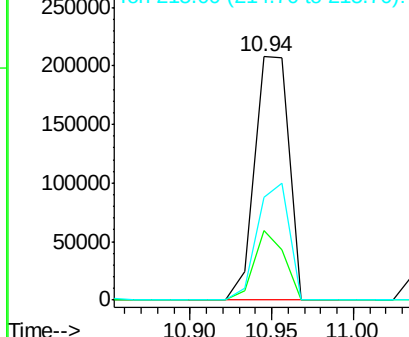
Lab File: BF084705.D

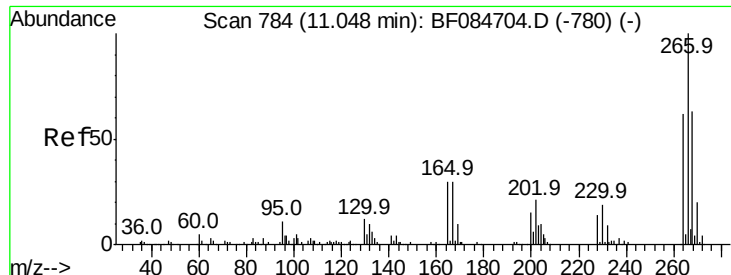
Acq: 1 Feb 2016 12:59

Tgt Ion:	200	Resp:	301825
Ion Ratio		Lower	Upper
200	100		
173	28.5	9.5	49.5
215	42.5	23.8	63.8



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





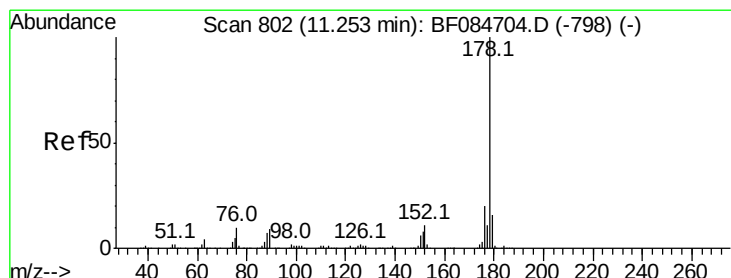
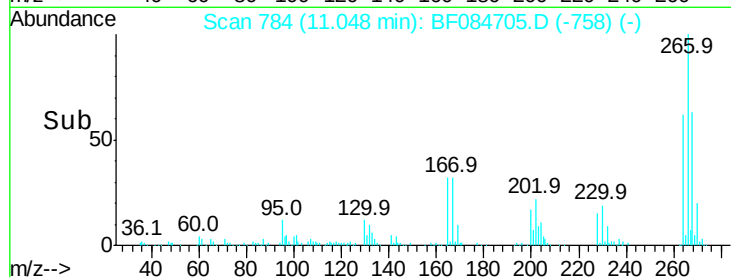
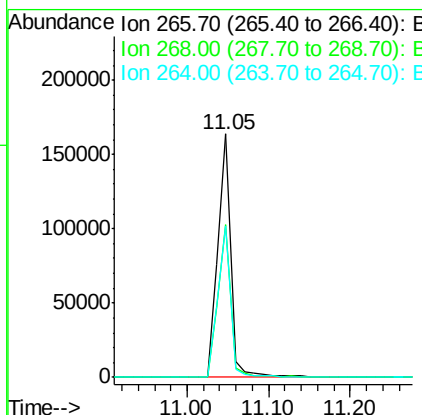
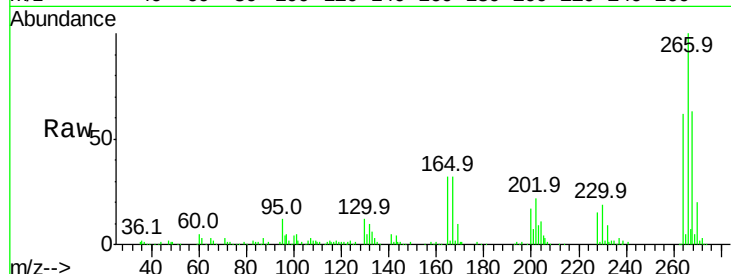
#69
 Pentachlorophenol
 Concen: 51.39 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100	182126		
268	62.5	52.4	78.6	
264	62.4	50.2	75.2	

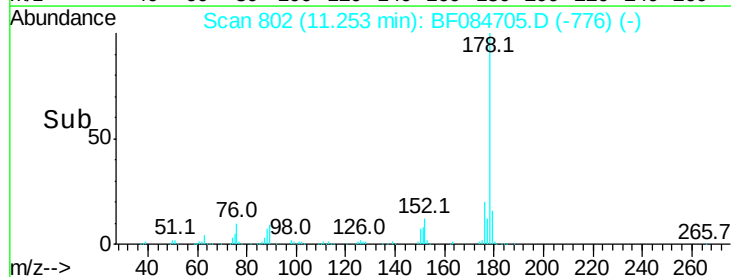
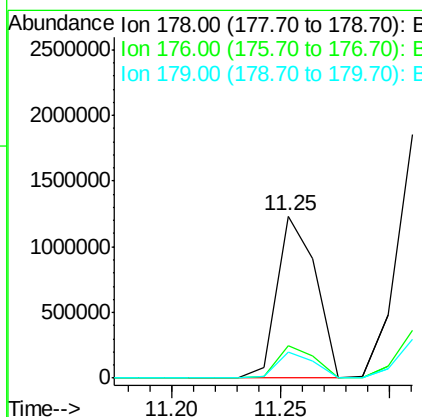
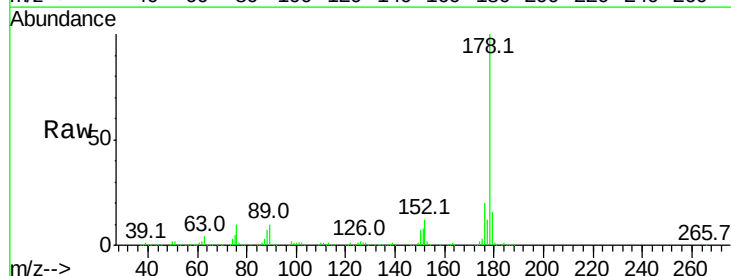
Manual Integrations
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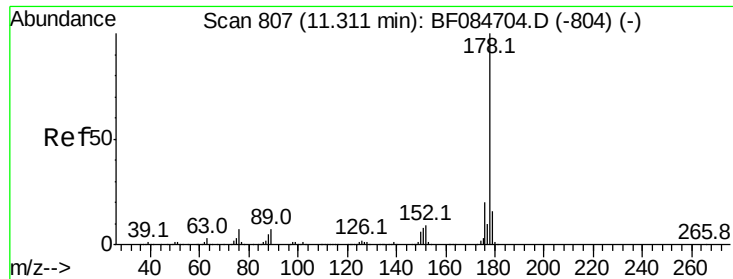
mohammad
 2/2/2016 4:17:28 PM



#70
 Phenanthrene
 Concen: 46.19 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1529386		
176	20.0	15.3	22.9	
179	16.2	12.0	18.0	





#71

Anthracene

Concen: 49.09 ng

RT: 11.31 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:178 Resp: 1652506

Ion Ratio Lower Upper

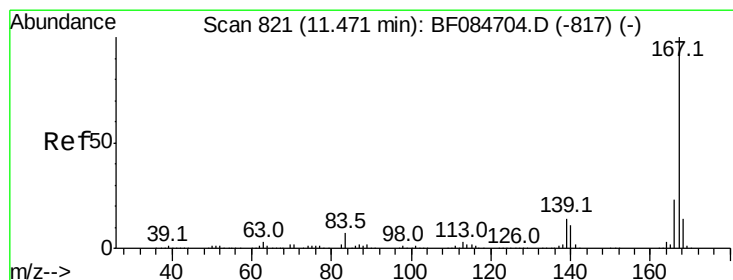
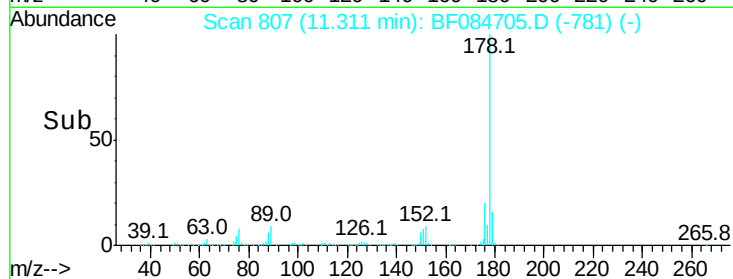
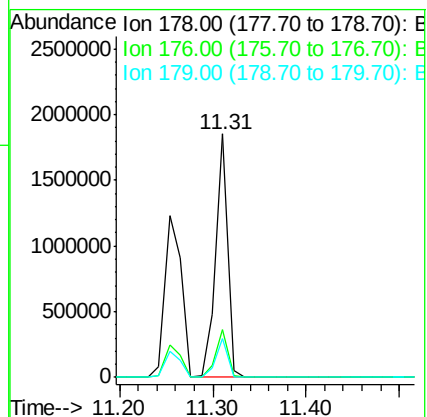
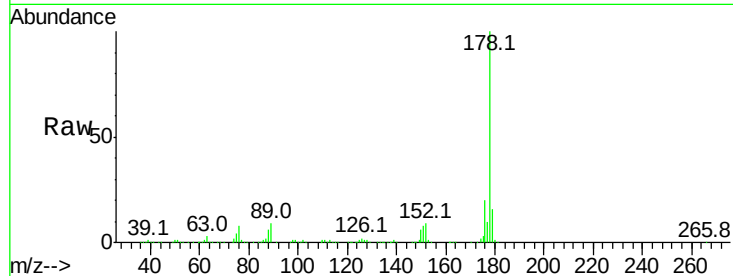
178 100

176 19.8 15.4 23.0

179 16.1 12.5 18.7

Manual Integrations
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#72

Carbazole

Concen: 51.46 ng

RT: 11.47 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

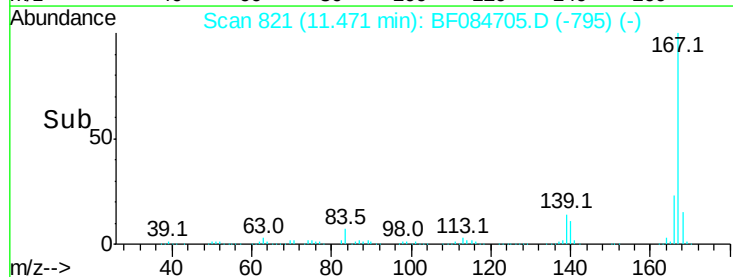
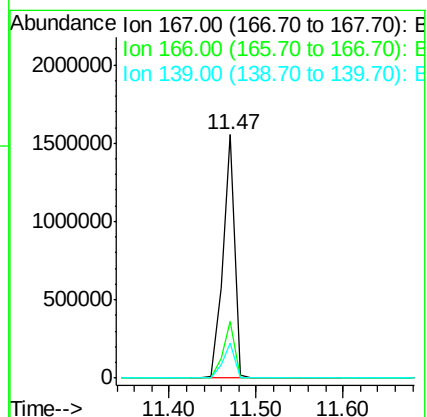
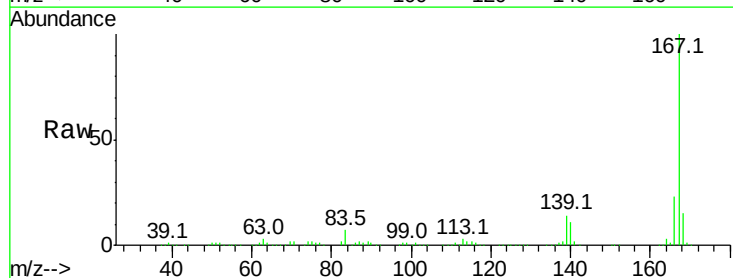
Tgt Ion:167 Resp: 1492864

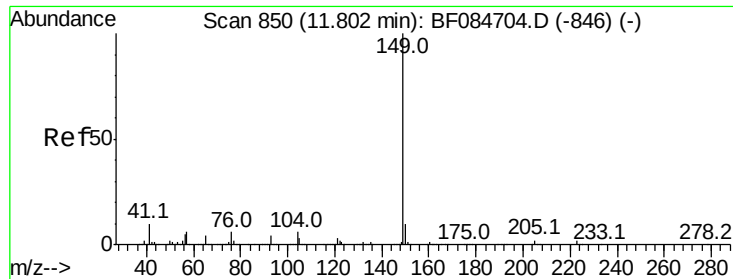
Ion Ratio Lower Upper

167 100

166 23.1 17.6 26.4

139 14.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 48.98 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1728158

Ion Ratio Lower Upper

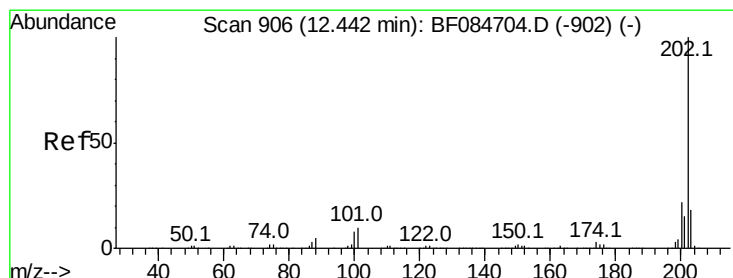
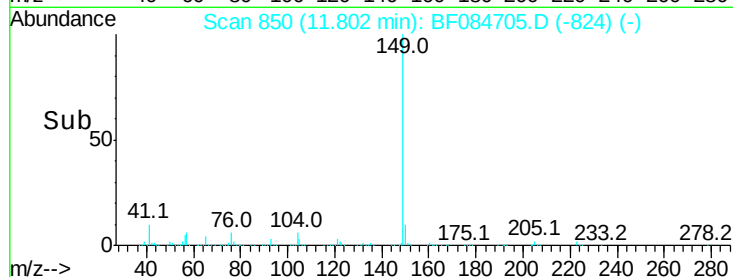
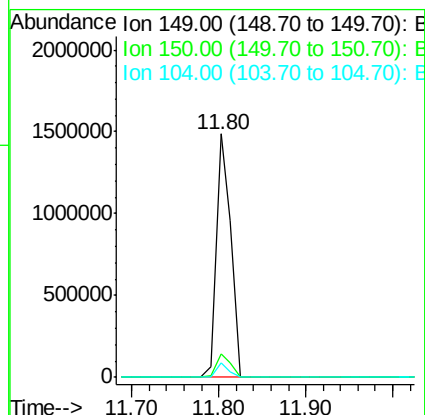
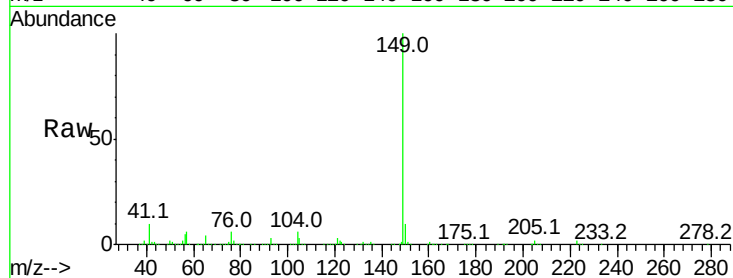
149 100

150 9.8 7.1 10.7

104 5.9 3.2 4.8#

Manual Integrations
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mohammad
2/2/2016 4:17:28 PM



#74

Fluoranthene

Concen: 49.94 ng

RT: 12.44 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

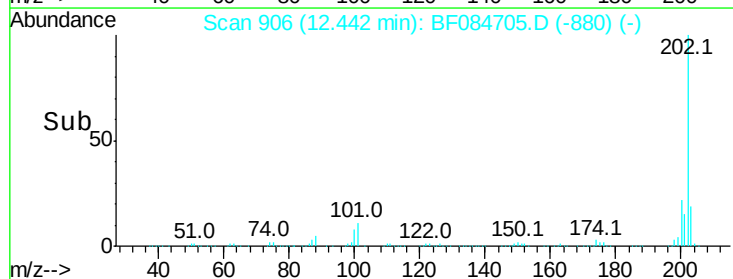
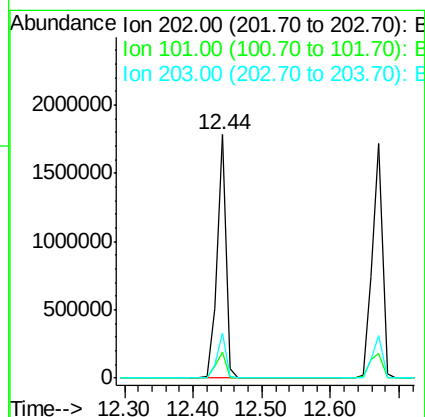
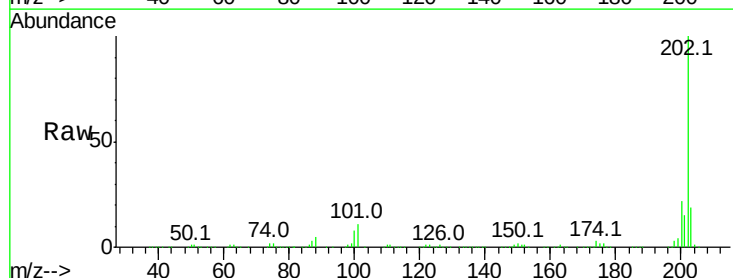
Tgt Ion:202 Resp: 1634727

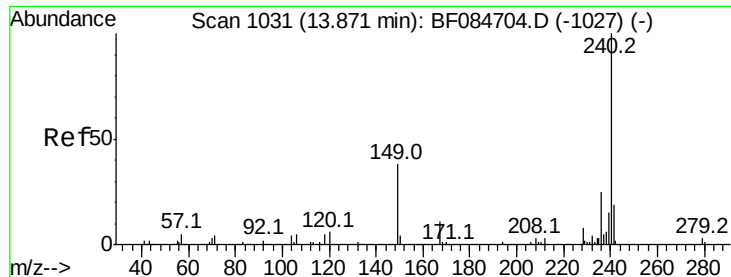
Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.8

203 18.8 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Instrument :

BNA_F

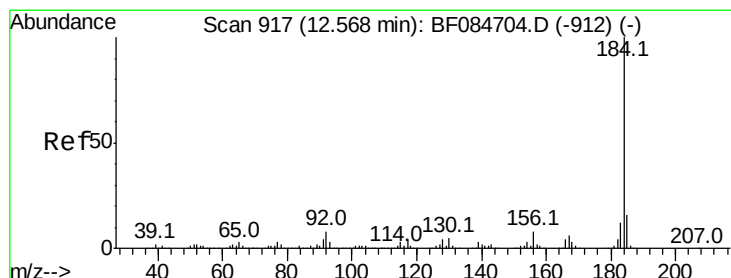
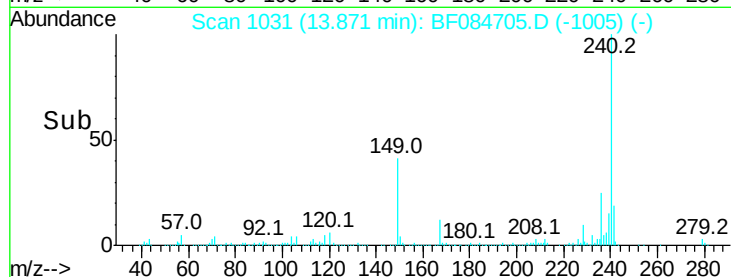
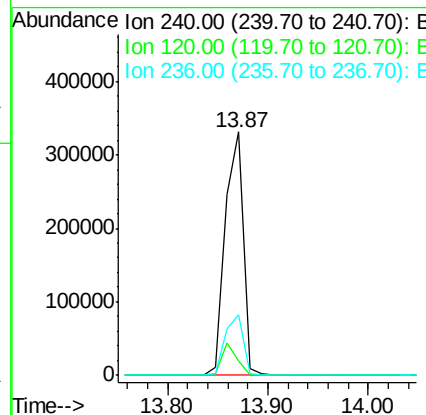
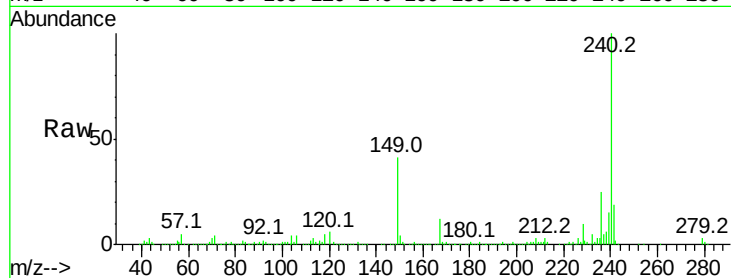
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	9.5	14.3#
236	24.8	20.6	31.0

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#76

Benzidine

Concen: 45.77 ng

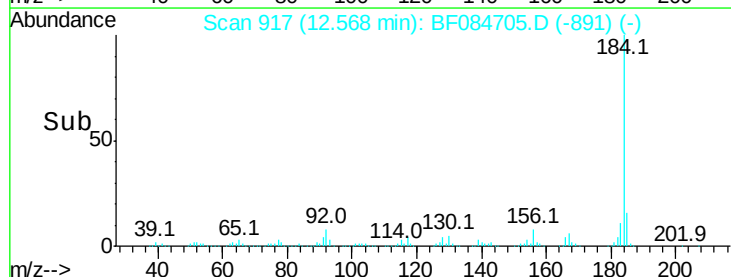
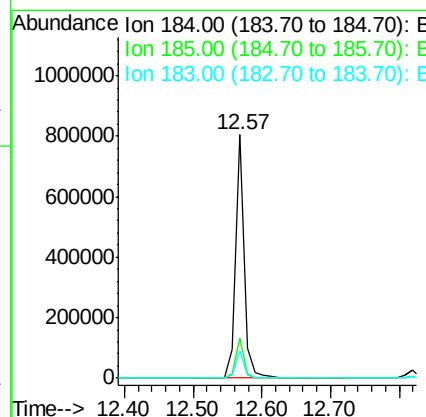
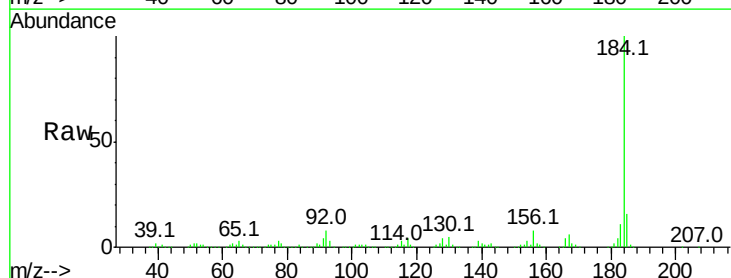
RT: 12.57 min Scan# 917

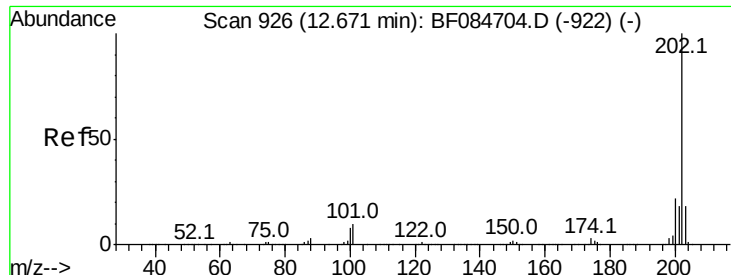
Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.2	18.2
183	11.2	9.8	14.8





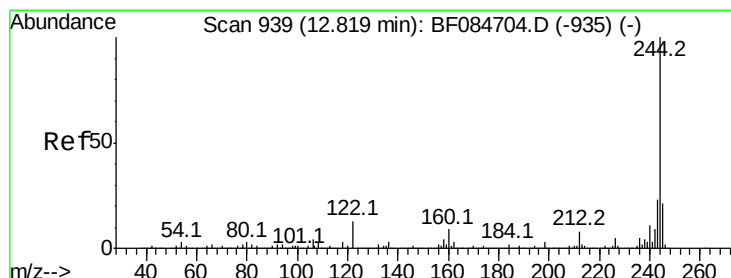
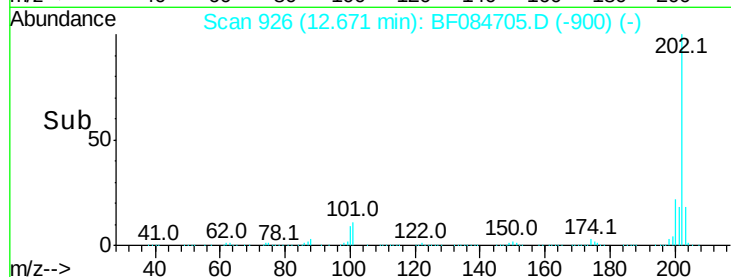
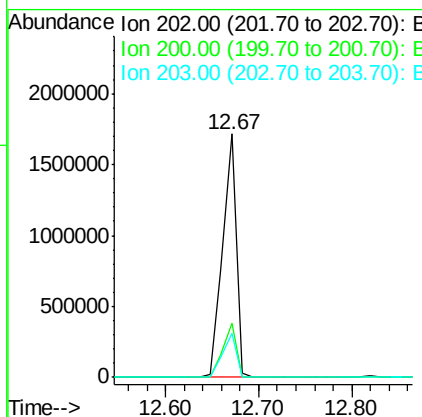
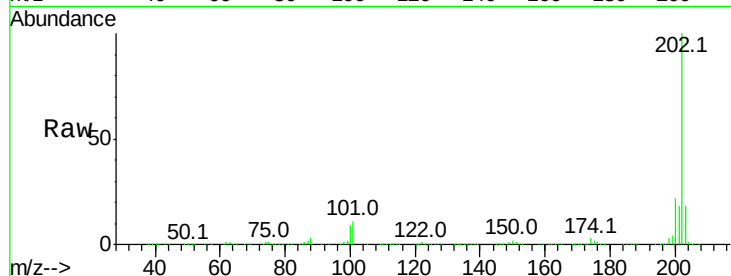
#77
Pvrene
Concen: 55.65 ng
RT: 12.67 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.2	25.8
203	18.2	14.3	21.5

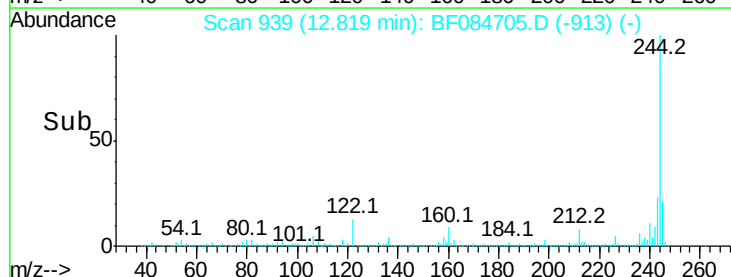
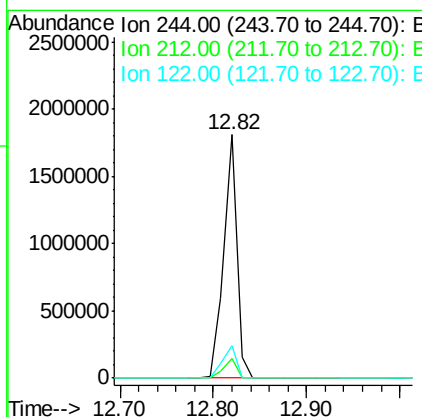
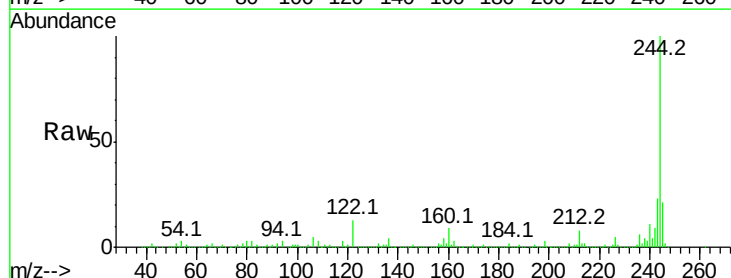
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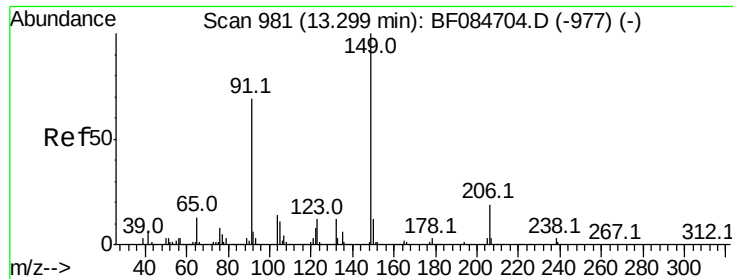
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#78
Terphenyl-d14
Concen: 97.12 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	13.2	7.4	11.0





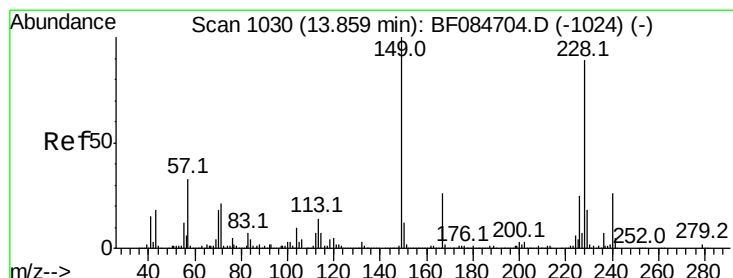
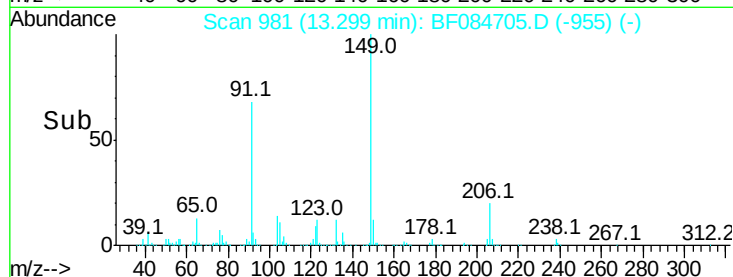
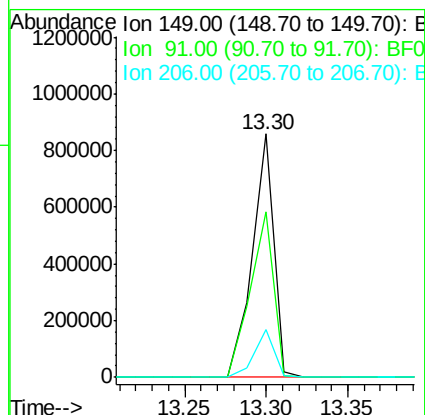
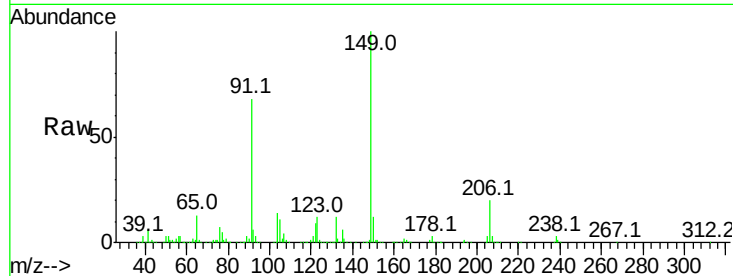
#79
Butylbenzylphthalate
Concen: 58.97 ng
RT: 13.30 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	68.0	57.6	86.4
206	19.8	13.2	19.8

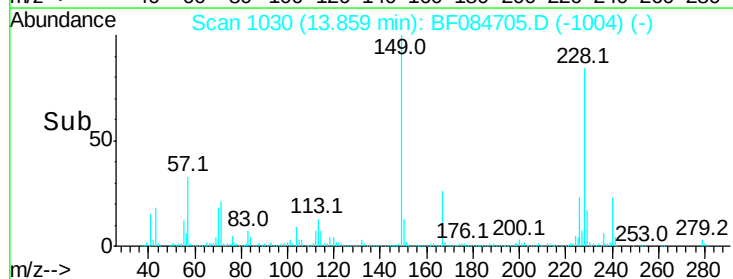
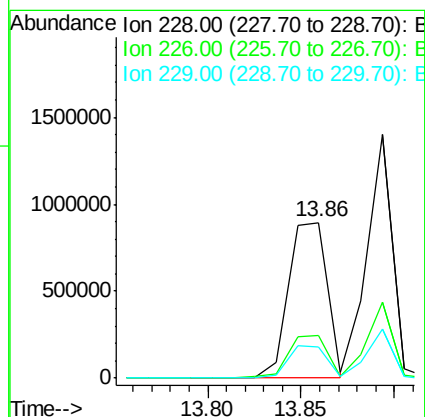
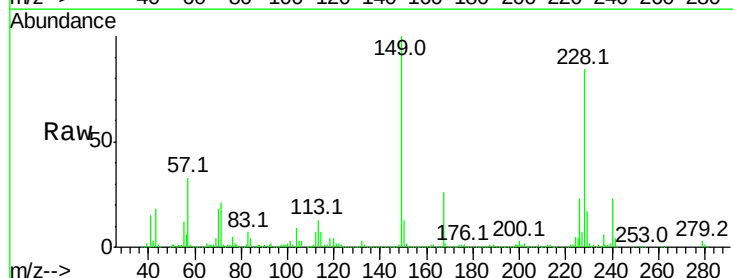
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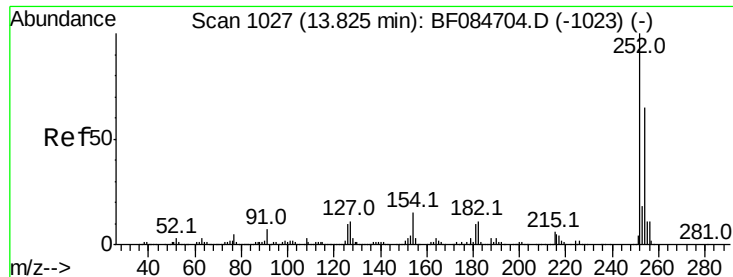
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#80
Benzo(a)anthracene
Concen: 50.60 ng
RT: 13.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.2	21.8	32.6
229	19.8	15.8	23.8





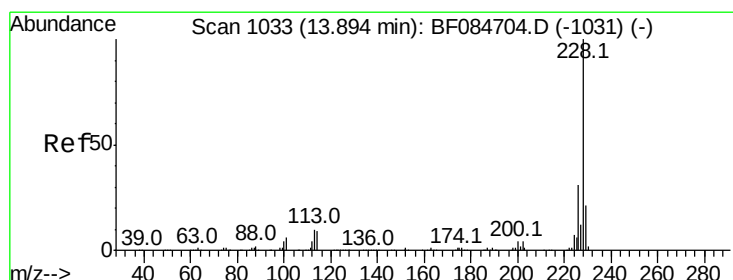
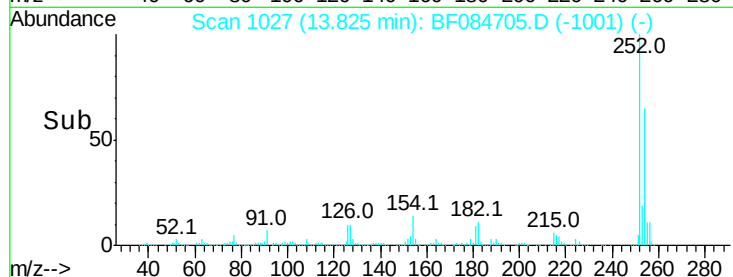
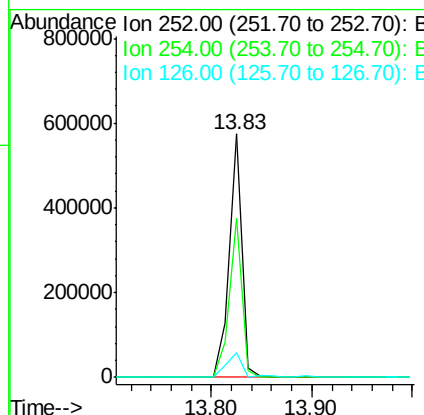
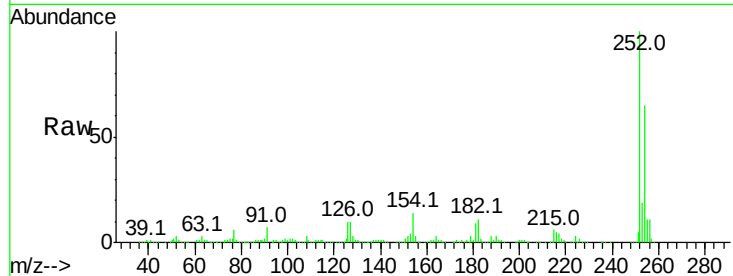
#81
 3,3'-Dichlorobenzidine
 Concen: 55.46 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	53.5	80.3
126	10.3	4.9	7.3

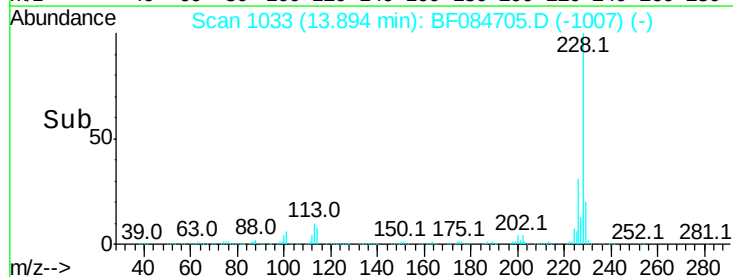
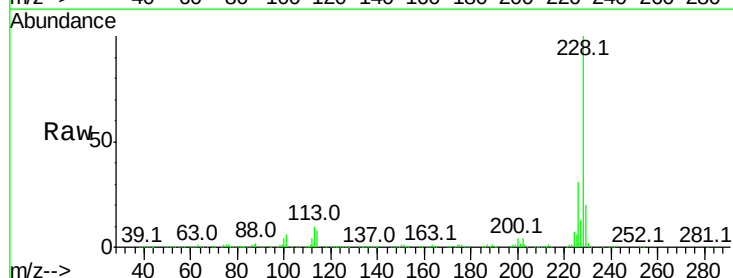
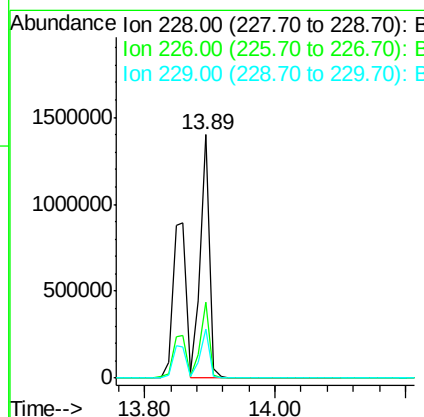
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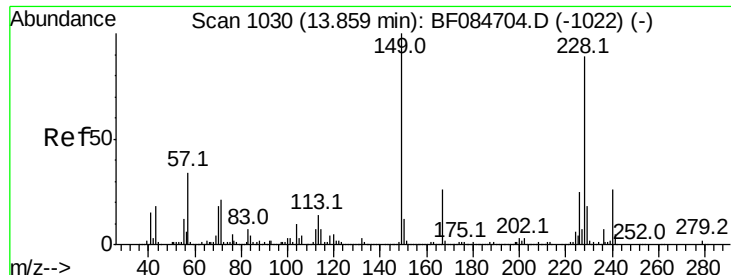
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#82
 Chrysene
 Concen: 52.15 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.3	36.5
229	20.1	16.1	24.1





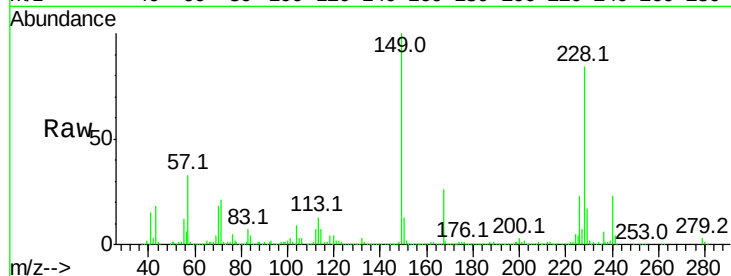
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.69 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

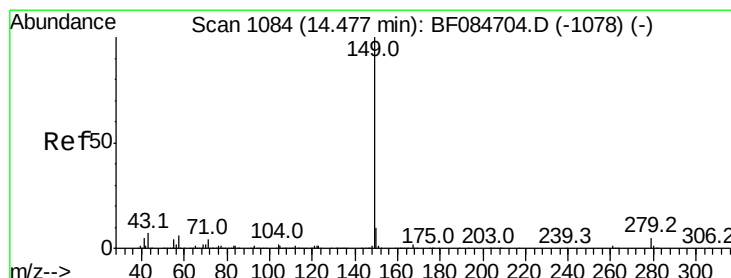
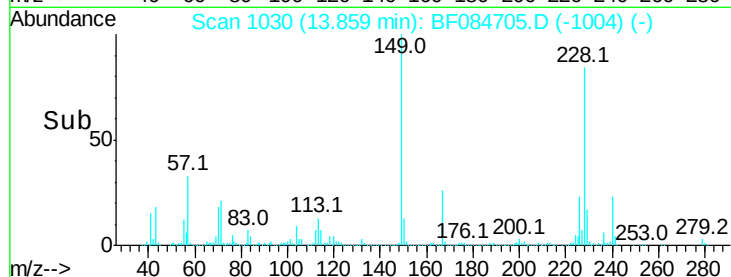
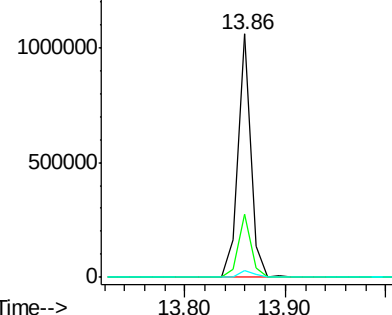
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.8	19.7	29.5	
279	2.6	1.8	2.6	

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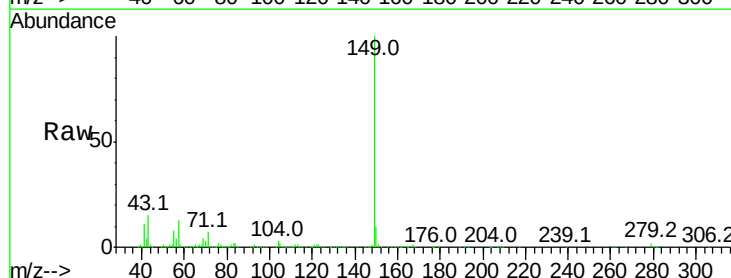


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

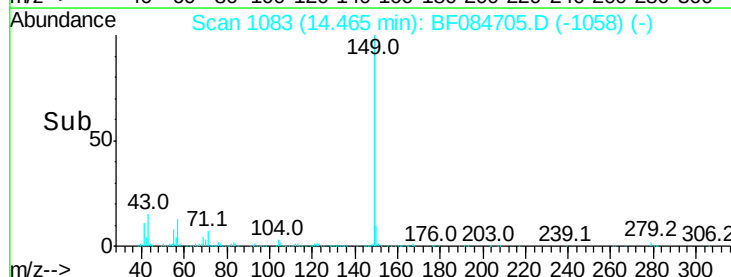
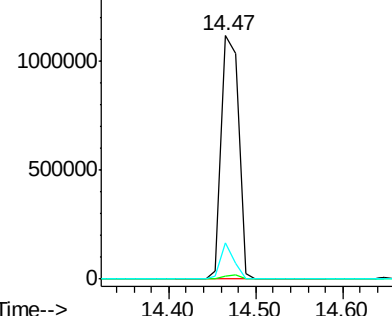


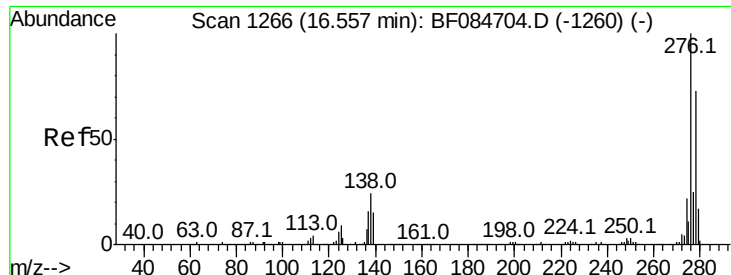
#84
 Di-n-octyl phthalate
 Concen: 56.01 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	11.3	5.6	8.4#	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





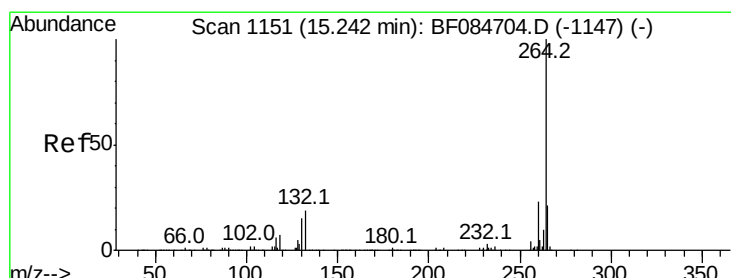
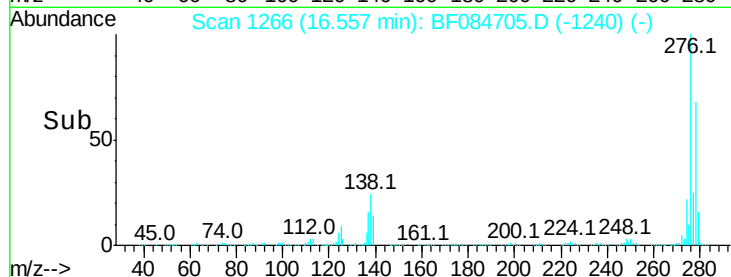
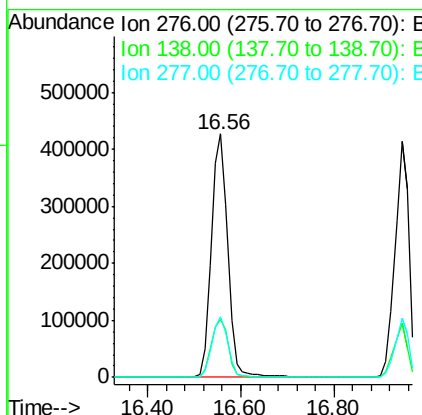
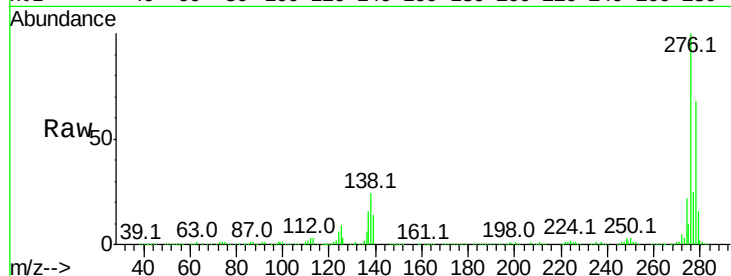
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.75 ng
 RT: 16.56 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.6	30.8
277	24.5	20.1	30.1

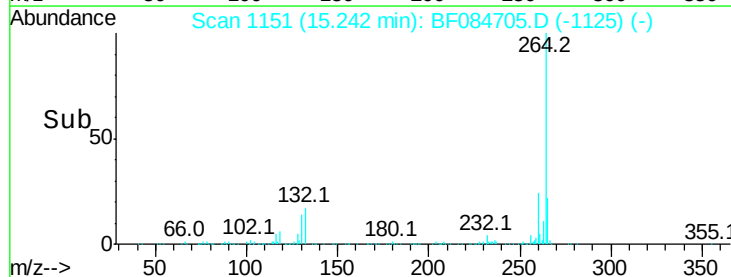
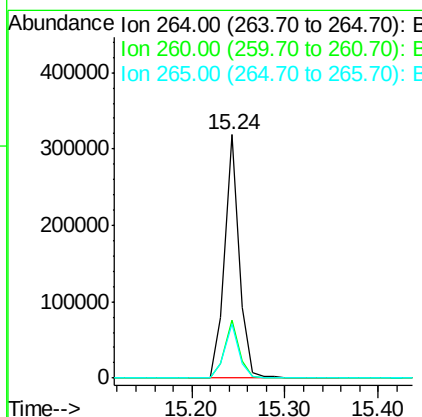
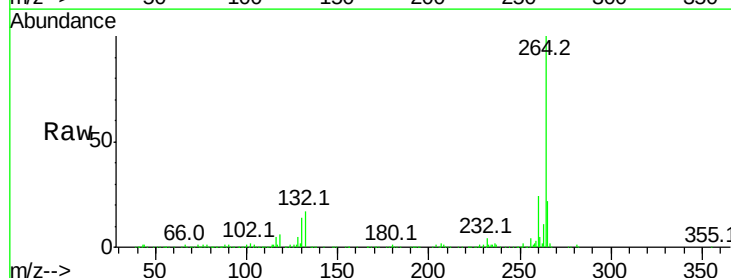
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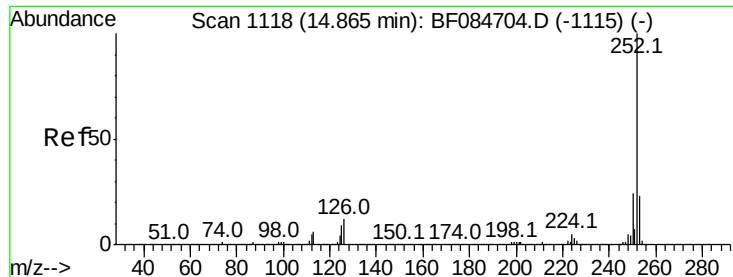
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.0	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 52.05 ng m

RT: 14.87 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF084705.D

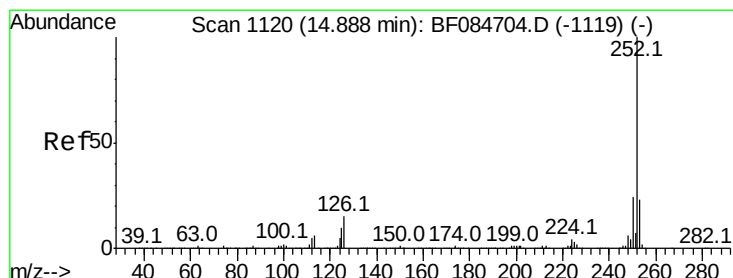
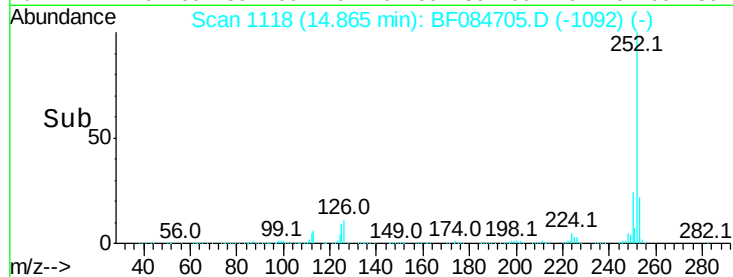
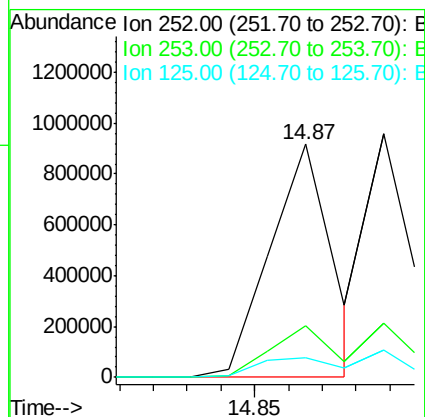
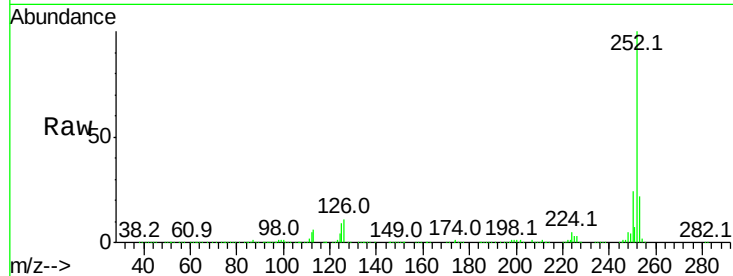
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	8.6	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 48.91 ng m

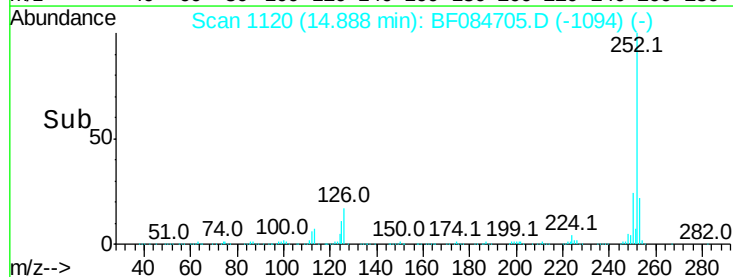
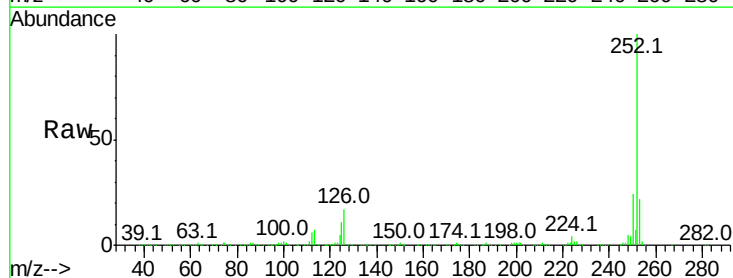
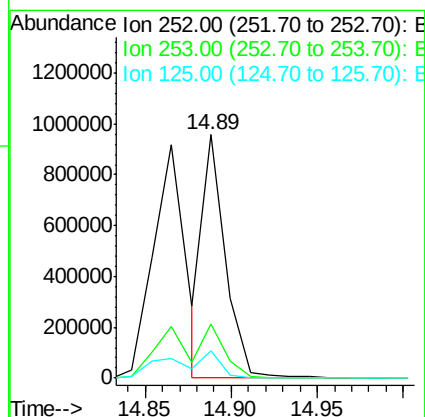
RT: 14.89 min Scan# 1120

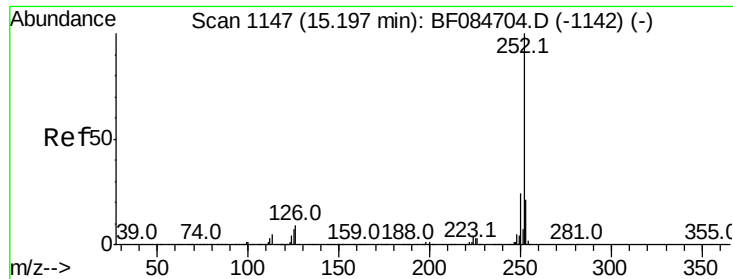
Delta R.T. 0.00 min

Lab File: BF084705.D

Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.0	9.0	13.6





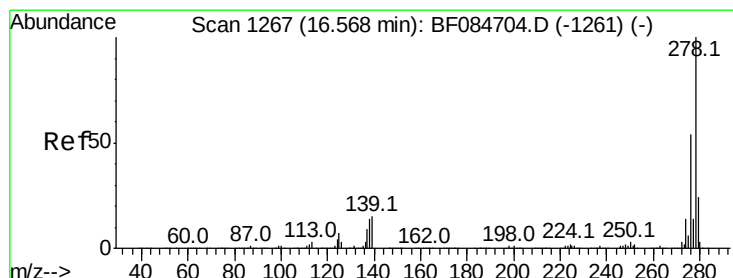
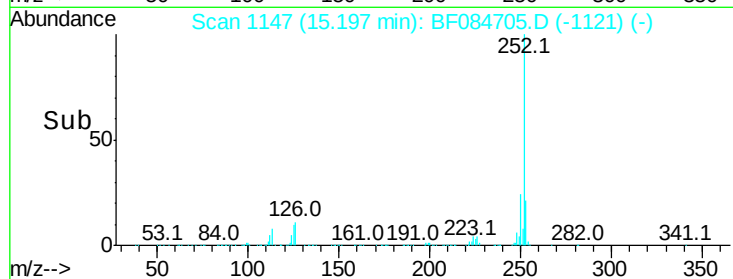
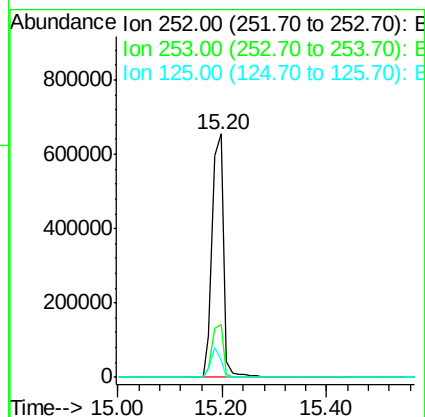
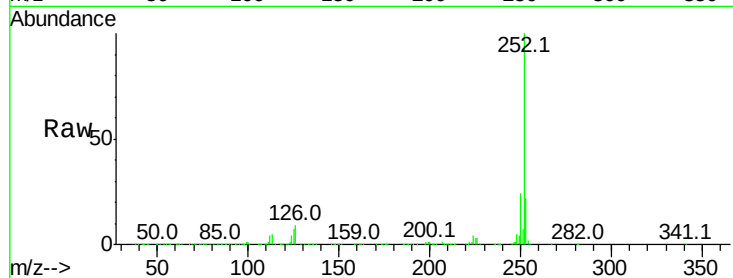
#89
Benzo(a)pyrene
Concen: 50.98 ng
RT: 15.20 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100	990890		
253	21.6	17.3	25.9	
125	7.0	7.0	10.4	

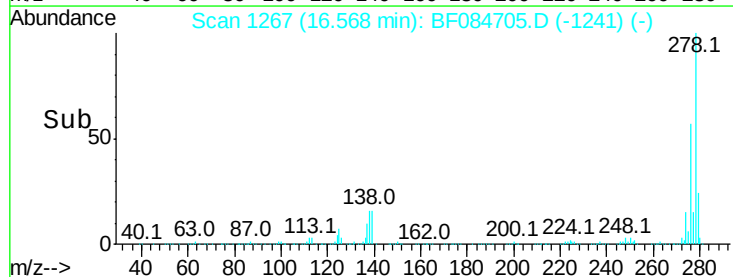
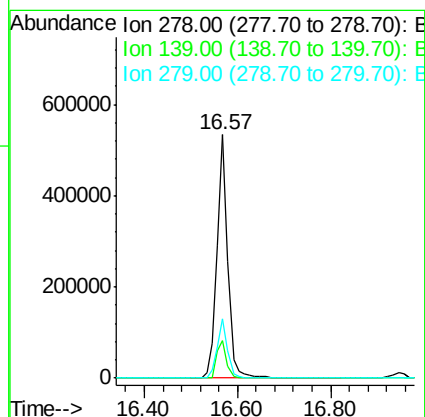
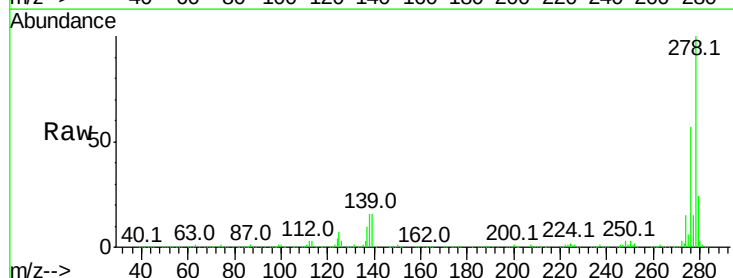
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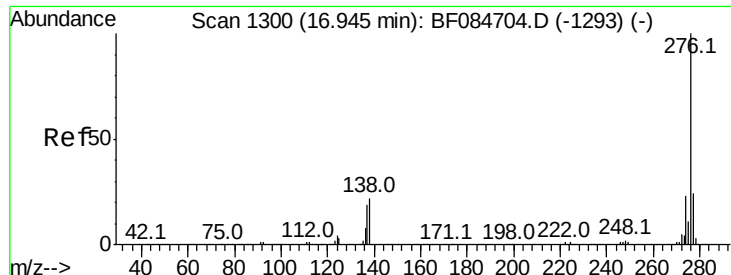
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#90
Dibenzo(a,h)anthracene
Concen: 49.56 ng
RT: 16.57 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF084705.D
Acq: 1 Feb 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	868107		
139	15.6	15.0	22.4	
279	24.2	18.9	28.3	





#91
 Benzo(a,h,i)perylene
 Concen: 49.87 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF084705.D
 Acq: 1 Feb 2016 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	22.9	17.8	26.6

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 2/2/2016 4:17:28 PM

