

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084728.D
 Acq On : 2 Feb 2016 00:04
 Operator : SJ/IZ
 Sample : PB88098BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:18:22 PM

Quant Time: Feb 02 03:45:38 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 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171886	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	671294	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	331800	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	616612	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	421359	20.00	ng	-0.01
86) Perylene-d12	15.24	264	378069	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1348266	122.18	ng	0.01
7) Phenol-d6	6.36	99	1670543	122.11	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1083465	90.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	445868	128.83	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1816101	96.60	ng	-0.01
78) Terphenyl-d14	12.82	244	1809858	97.33	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	171408	35.46	ng	# 76
3) Pyridine	2.96	79	463850	36.83	ng	# 73
4) n-Nitrosodimethylamine	2.91	42	256237	39.34	ng	# 83
6) Aniline	6.37	93	318619	19.03	ng	# 19
8) 2-Chlorophenol	6.50	128	504539	40.39	ng	92
9) Benzaldehyde	6.26	77	26183	3.24	ng	89
10) Phenol	6.38	94	540090	35.24	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	456836	38.23	ng	83
12) 1,3-Dichlorobenzene	6.65	146	497610m	37.71	ng	
13) 1,4-Dichlorobenzene	6.73	146	525253	39.81	ng	95
14) 1,2-Dichlorobenzene	6.89	146	457338	37.22	ng	94
15) Benzyl Alcohol	6.86	79	389151	41.19	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.00	45	750998	37.36	ng	88
17) 2-Methylphenol	6.99	107	415997	42.11	ng	# 94
18) Hexachloroethane	7.22	117	194449	38.27	ng	93
19) n-Nitroso-di-n-propylamine	7.14	70	355434	41.45	ng	# 75
20) 3+4-Methylphenols	7.14	107	505357	41.21	ng	# 78
22) Acetophenone	7.13	105	692635	39.15	ng	99
24) Nitrobenzene	7.30	77	483043	37.85	ng	98
25) Isophorone	7.54	82	963180	41.57	ng	97
26) 2-Nitrophenol	7.62	139	272422	43.28	ng	# 88
27) 2,4-Dimethylphenol	7.66	122	453804	41.45	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	564873	41.09	ng	100
29) 2,4-Dichlorophenol	7.87	162	419029	44.74	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	423169	40.00	ng	95
31) Naphthalene	8.02	128	1321171	39.24	ng	99
32) Benzoic acid	7.81	122	297567	42.50	ng	93
33) 4-Chloroaniline	8.08	127	169275	12.16	ng	95
34) Hexachlorobutadiene	8.14	225	259363	42.52	ng	99
35) Caprolactam	8.45	113	134606m	46.62	ng	
36) 4-Chloro-3-methylphenol	8.58	107	492072	46.05	ng	97
37) 2-Methylnaphthalene	8.72	142	1007449	47.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	363272	34.47	ng	98
40) Hexachlorocyclopentadiene	8.86	237	389467	82.61	ng	96

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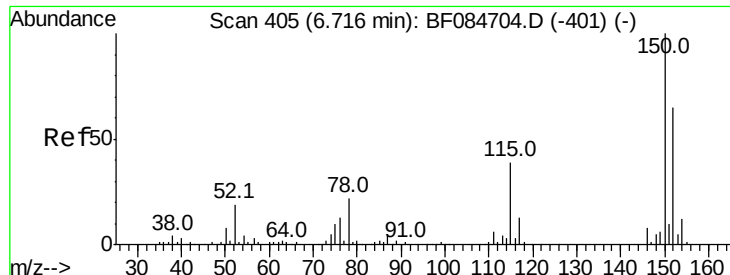
Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	303623	44.72	nq	97
43) 2,4,5-Trichlorophenol	9.05	196	285294	41.36	nq	95
45) 1,1'-Biphenyl	9.18	154	1137985	38.40	nq	94
46) 2-Chloronaphthalene	9.20	162	831673	38.11	nq	96
47) 2-Nitroaniline	9.30	65	259840	37.60	nq	97
48) Acenaphthylene	9.62	152	1344113	40.58	nq	99
49) Dimethylphthalate	9.49	163	1054542	41.73	nq	# 91
50) 2,6-Dinitrotoluene	9.55	165	249874	45.26	nq	# 91
51) Acenaphthene	9.79	154	886574	41.15	nq	97
52) 3-Nitroaniline	9.71	138	101592	16.38	nq	96
53) 2,4-Dinitrophenol	9.82	184	237153	92.13	nq	# 86
54) Dibenzofuran	9.96	168	1247924	47.39	nq	97
55) 4-Nitrophenol	9.89	139	310224	68.04	nq	# 75
56) 2,4-Dinitrotoluene	9.95	165	301832	42.86	nq	# 88
57) Fluorene	10.30	166	942561	42.86	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	231223	44.03	nq	92
59) Diethylphthalate	10.19	149	1054178	42.72	nq	98
60) 4-Chlorophenyl-phenylether	10.29	204	408028	44.00	nq	94
61) 4-Nitroaniline	10.33	138	217204	35.93	nq	93
62) Azobenzene	10.45	77	1084762	45.72	nq	91
64) 4,6-Dinitro-2-methylphenol	10.36	198	182842	48.04	nq	79
65) n-Nitrosodiphenylamine	10.42	169	885575	45.23	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	300857	44.18	nq	95
67) Hexachlorobenzene	10.84	284	297883	40.14	nq	# 87
68) Atrazine	10.94	200	248232	40.15	nq	96
69) Pentachlorophenol	11.05	266	321389	92.15	nq	99
70) Phenanthrene	11.25	178	1342759	39.26	nq	97
71) Anthracene	11.31	178	1553565	45.08	nq	99
72) Carbazole	11.47	167	1400515	46.61	nq	98
73) Di-n-butylphthalate	11.80	149	1466694	38.34	nq	# 96
74) Fluoranthene	12.44	202	1604719	46.36	nq	94
76) Benzidine	12.57	184	391760	26.72	nq	99
77) Pyrene	12.67	202	1551038	48.08	nq	99
79) Butylbenzylphthalate	13.30	149	724046	49.47	nq	# 89
80) Benzo(a)anthracene	13.85	228	1192444	45.60	nq	98
81) 3,3'-Dichlorobenzidine	13.83	252	269758	29.13	nq	100
82) Chrysene	13.89	228	1210862	47.75	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	899599	49.40	nq	# 97
84) Di-n-octyl phthalate	14.47	149	1441047	47.96	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.55	276	953326	47.76	nq	99
87) Benzo(b)fluoranthene	14.87	252	1172868m	46.17	nq	
88) Benzo(k)fluoranthene	14.89	252	829424m	39.49	nq	
89) Benzo(a)pyrene	15.19	252	910534	42.07	nq	# 96
90) Dibenzo(a,h)anthracene	16.56	278	778360	42.72	nq	99
91) Benzo(g,h,i)perylene	16.95	276	802805	43.74	nq	96

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



#1

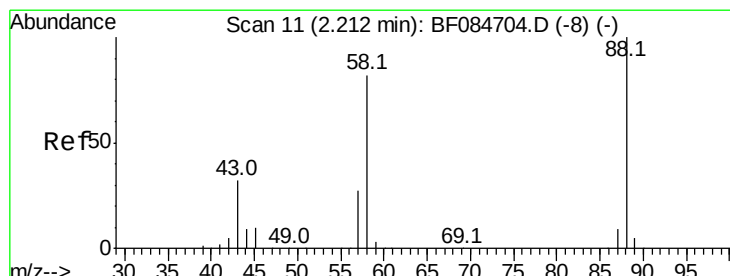
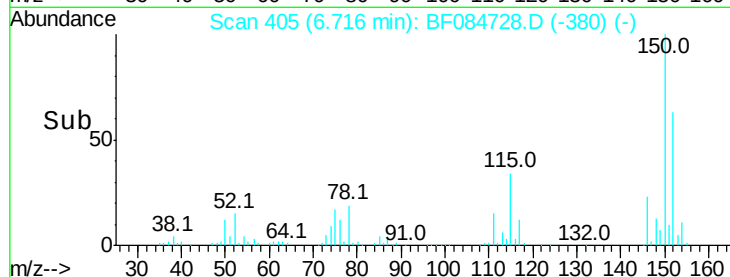
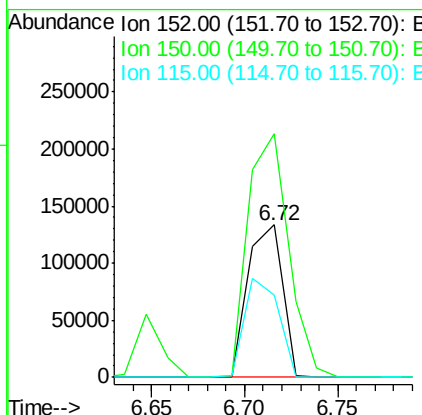
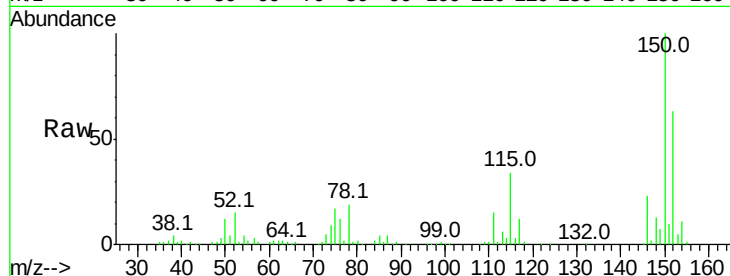
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.0	184.4
115	54.3	51.4	77.2

Manual Integrations
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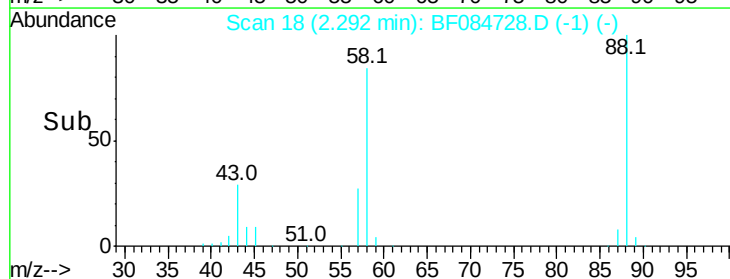
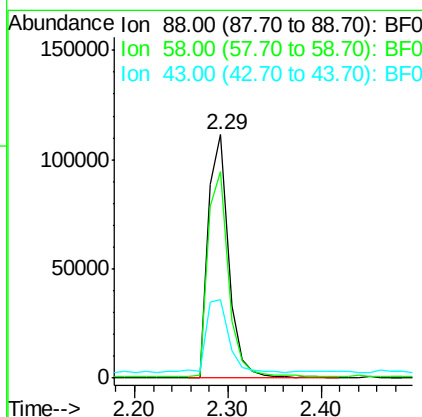
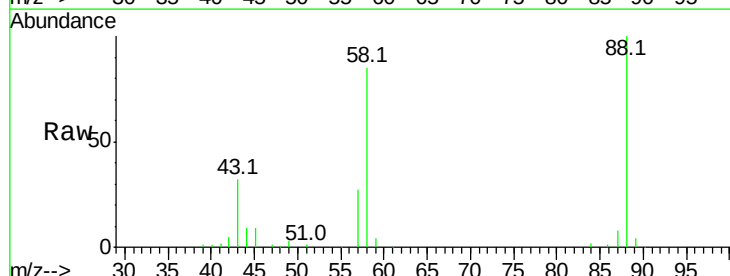
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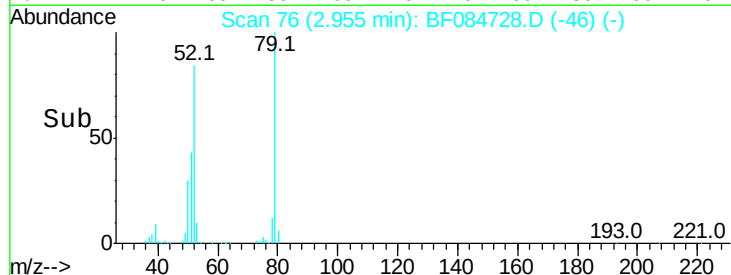
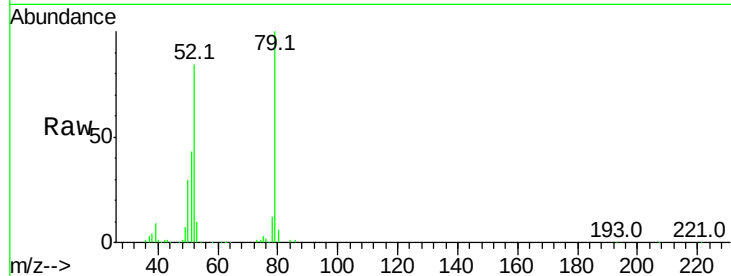
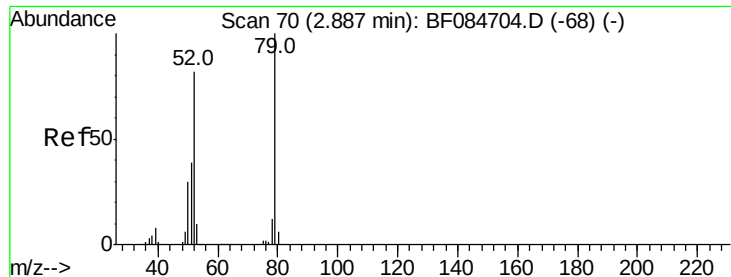


#2

1,4-Dioxane
Concen: 35.46 ng
RT: 2.29 min Scan# 18
Delta R.T. 0.07 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	51.2	76.8#
43	33.1	19.5	29.3#





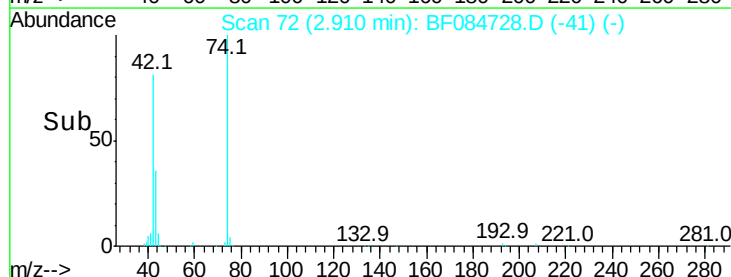
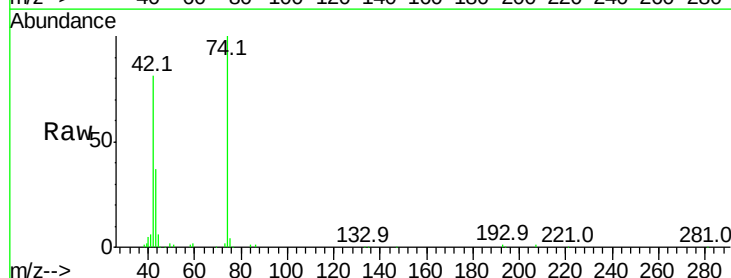
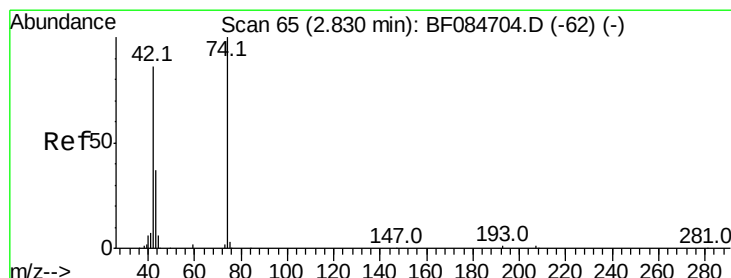
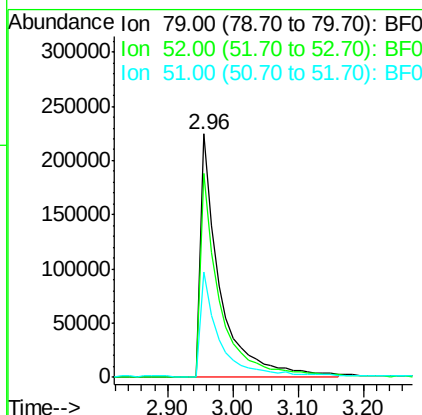
#3
 Pvridine
 Concen: 36.83 ng
 RT: 2.96 min Scan# 76
 Delta R.T. 0.05 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.9	49.0	73.4#
51	43.1	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

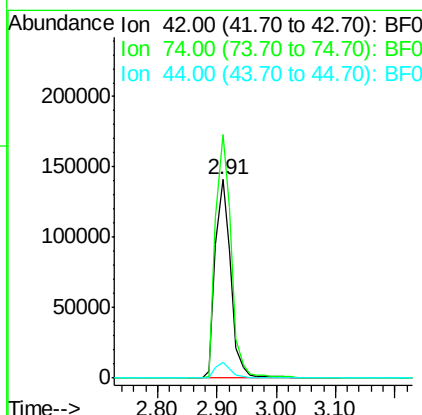
Manual Integrations
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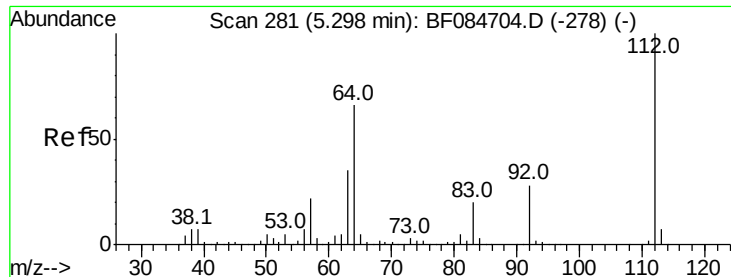
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#4
 n-Nitrosodimethylamine
 Concen: 39.34 ng
 RT: 2.91 min Scan# 72
 Delta R.T. 0.06 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.9	115.7	173.5
44	7.7	5.1	7.7#





#5

2-Fluorophenol

Concen: 122.18 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

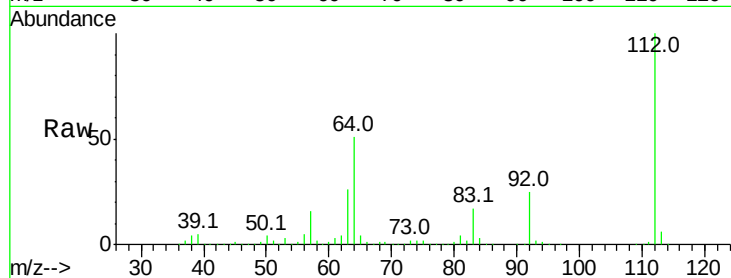
ClientSampleId :

PB88098BS

Tot Ion:	112	Resp:	1348266
Ion	Ratio	Lower	Upper
112	100		
64	50.8	36.6	55.0
63	26.3	19.4	29.0

Manual Integrations
APPROVED

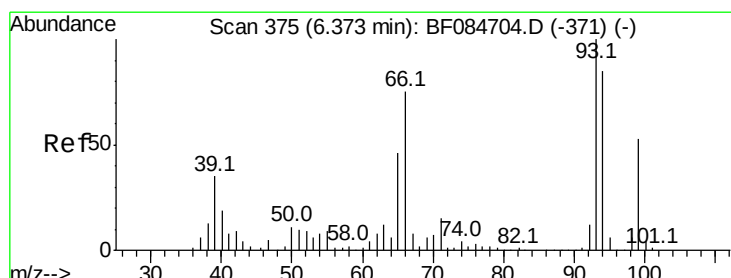
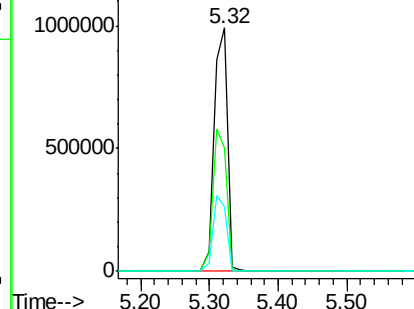
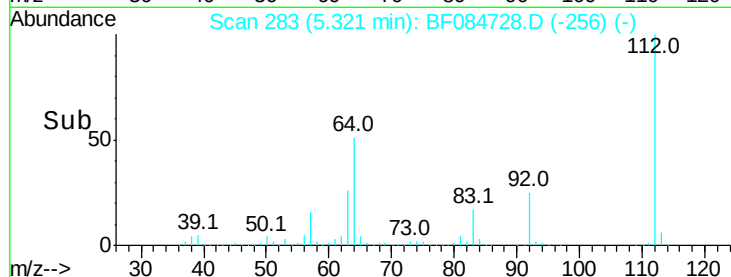
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.03 ng

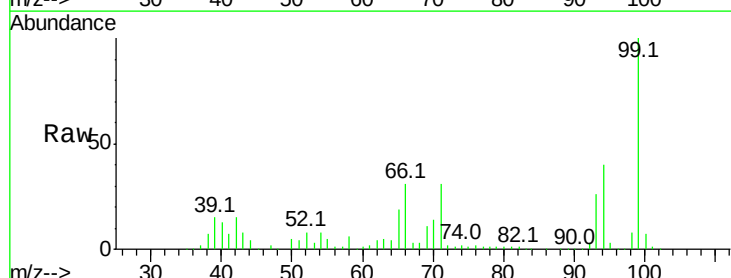
RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

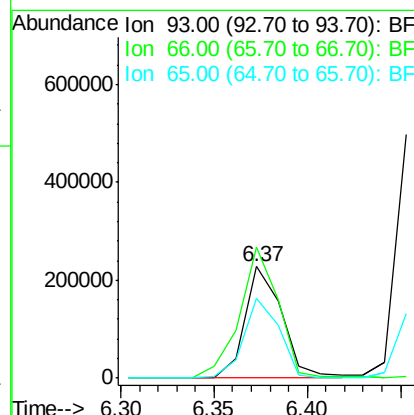
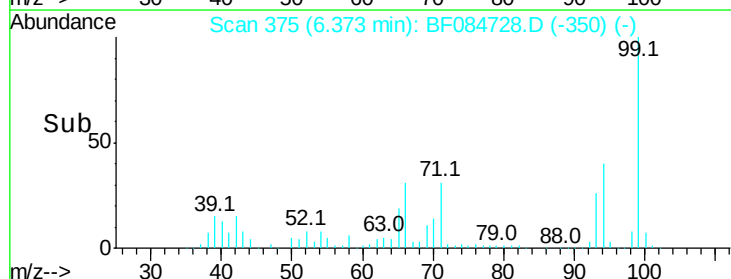
Tgt Ion:	93	Resp:	318619
Ion	Ratio	Lower	Upper
93	100		
66	117.3	44.9	67.3#
65	71.0	23.7	35.5#

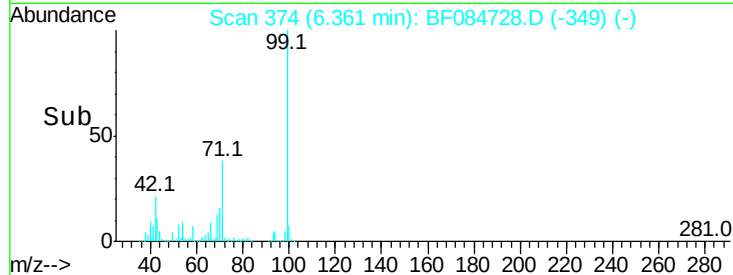
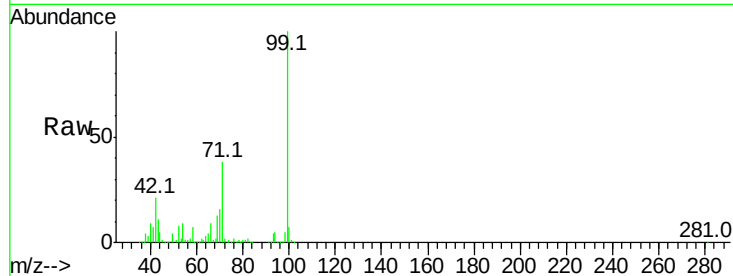
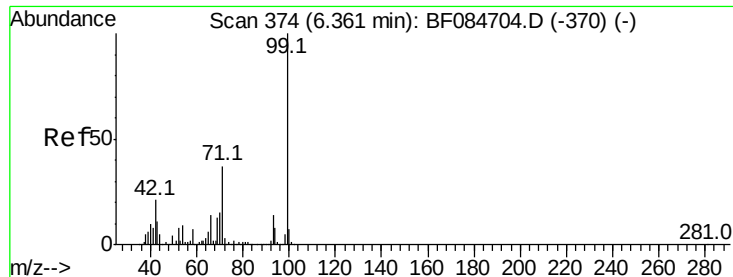


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.11 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tot Ion: 99 Resp: 1670543

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

71 37.6 30.9 46.3

Instrument :

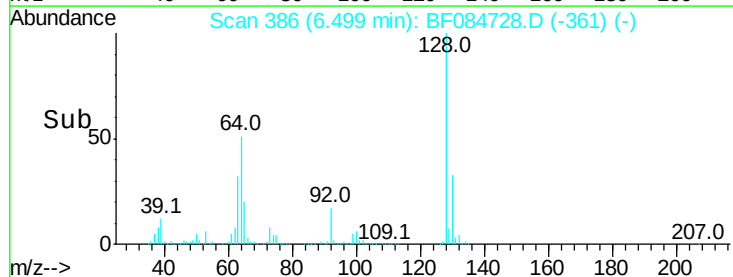
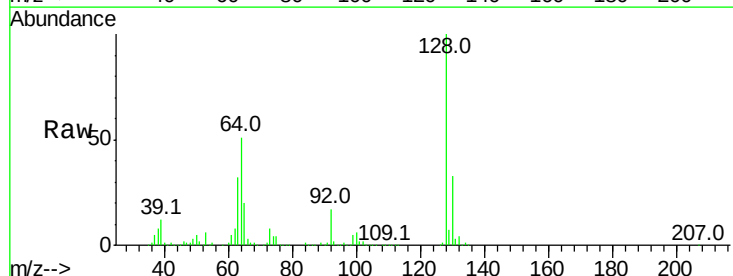
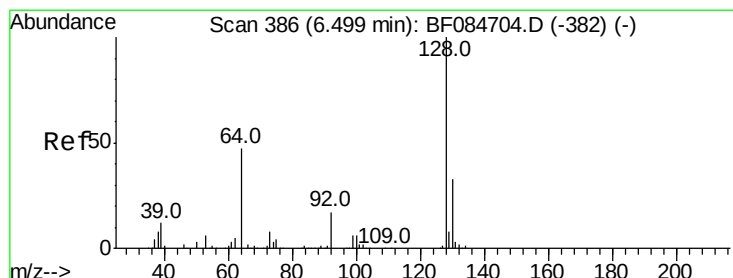
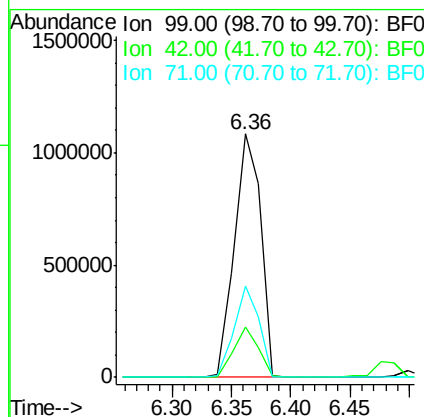
BNA_F

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#8

2-Chlorophenol

Concen: 40.39 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

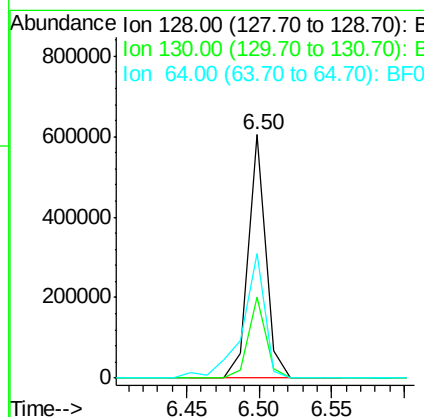
Tgt Ion:128 Resp: 504539

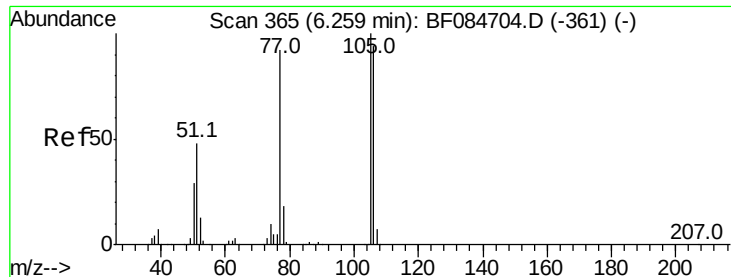
Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

64 51.3 23.8 63.8





#9

Benzaldehyde

Concen: 3.24 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

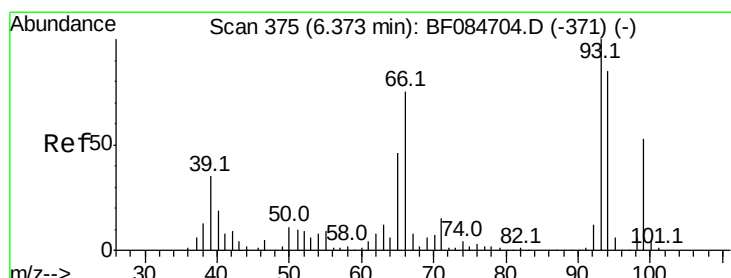
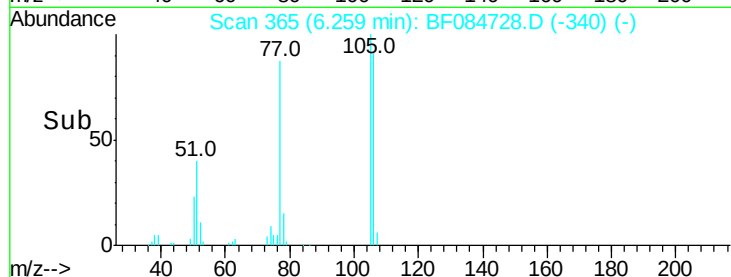
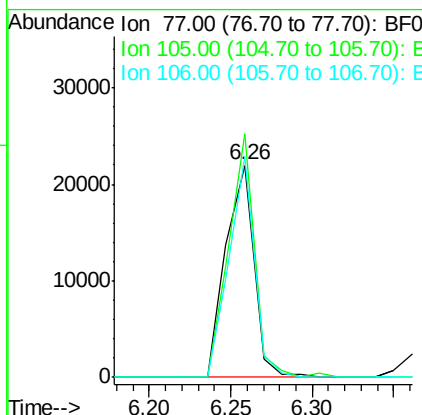
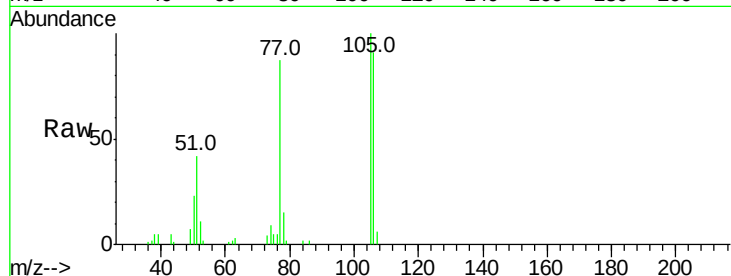
ClientSampleId :

PB88098BS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
77	100		
105	115.0	83.0	123.0
106	104.1	74.6	114.6



#10

Phenol

Concen: 35.24 ng

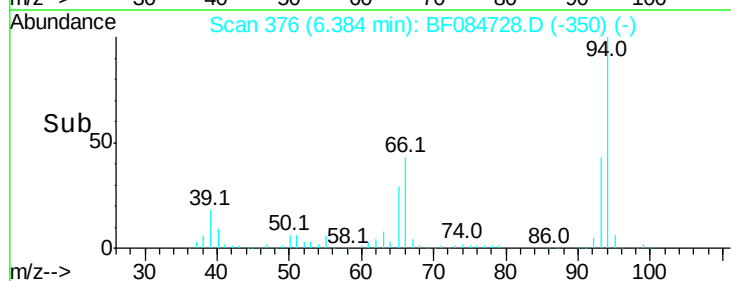
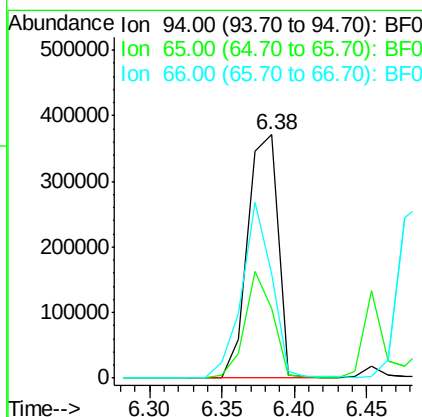
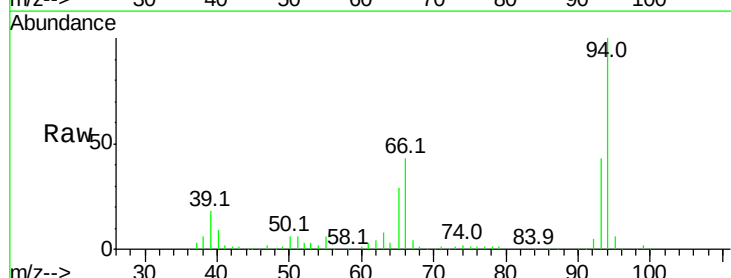
RT: 6.38 min Scan# 376

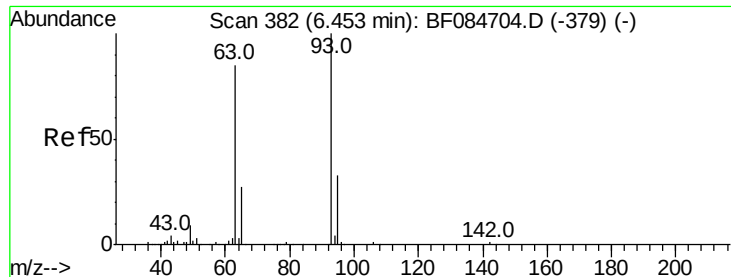
Delta R.T. -0.00 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.8	12.9	52.9
66	42.9	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 38.23 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

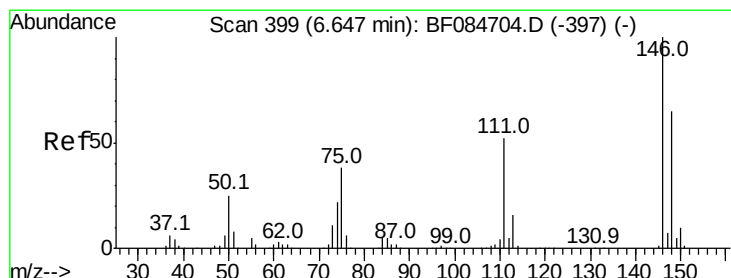
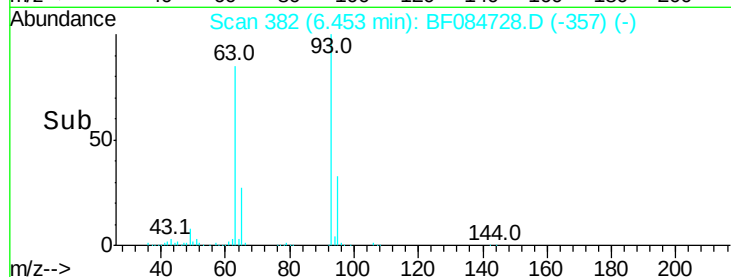
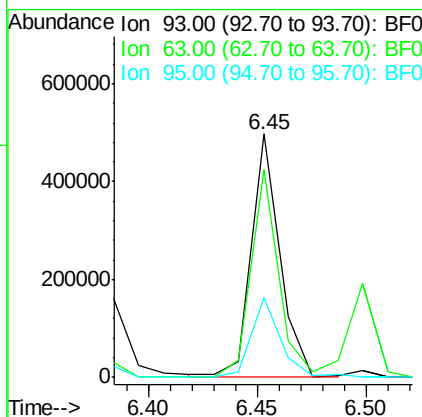
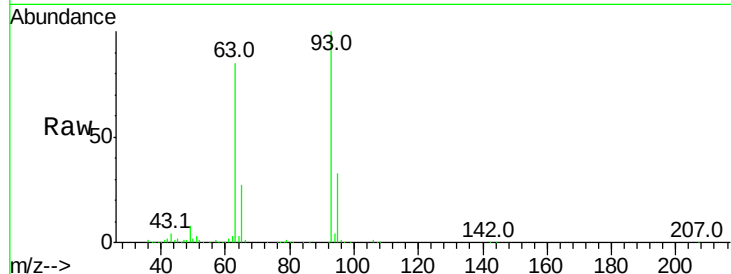
ClientSampleId :

PB88098BS

Tot Ion	93	Resp	456836
Ion Ratio	Lower	Upper	
93	100		
63	85.2	45.9	85.9
95	33.0	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 37.71 ng m

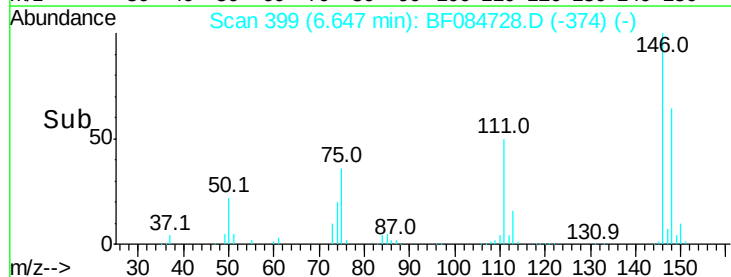
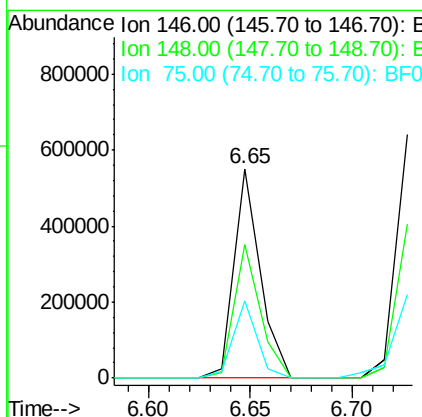
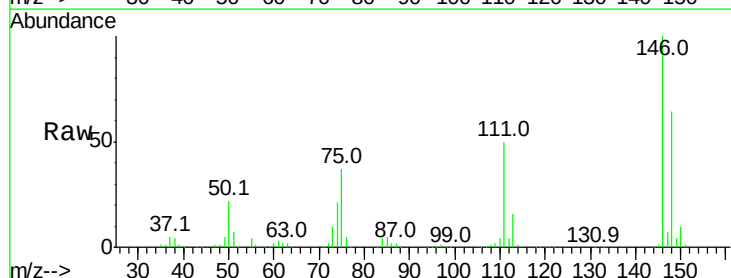
RT: 6.65 min Scan# 399

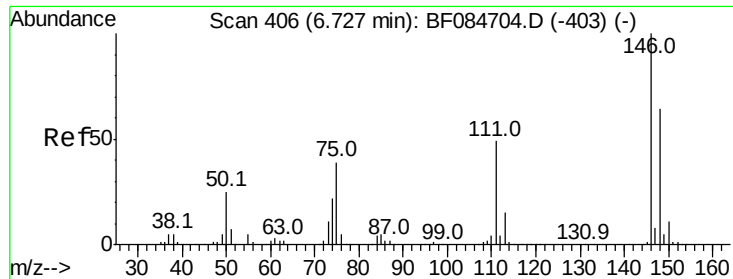
Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion	146	Resp	497610
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.9	77.9
75	36.6	20.5	30.7#





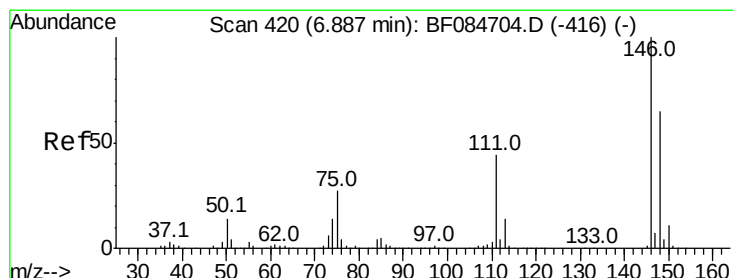
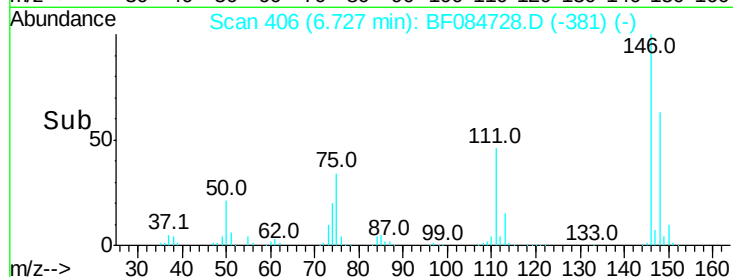
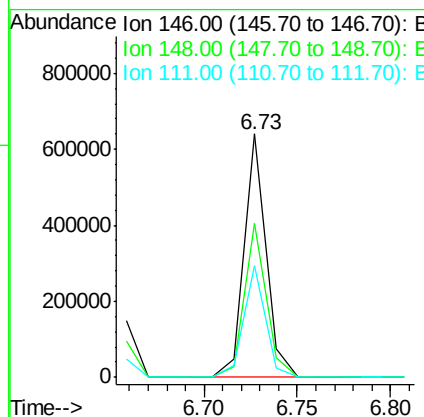
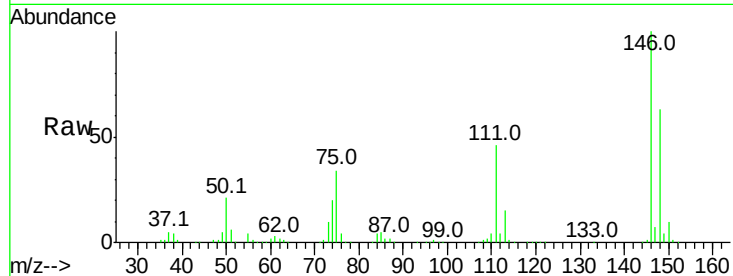
#13
 1,4-Dichlorobenzene
 Concen: 39.81 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.9	77.9
111	45.7	41.6	62.4

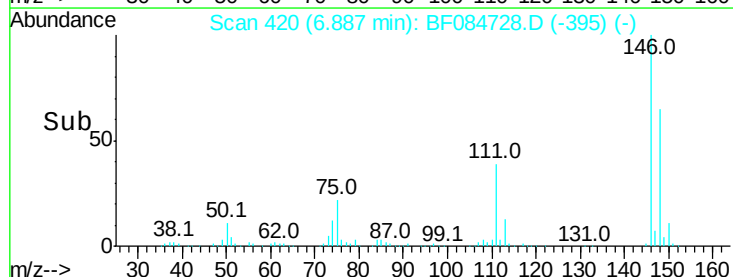
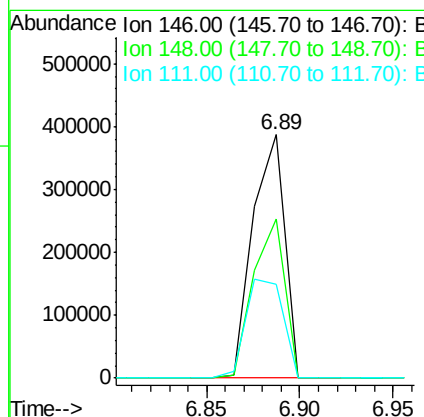
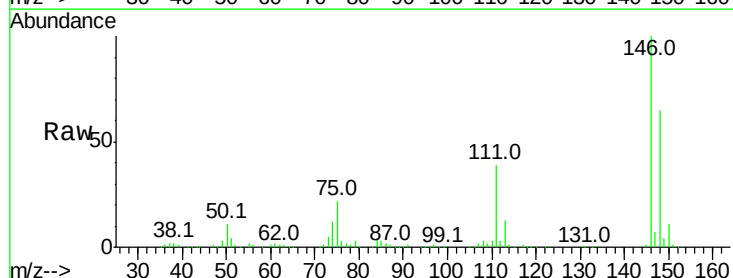
Manual Integrations
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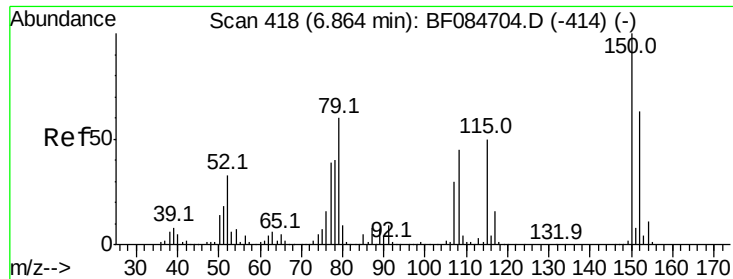
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.22 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.6	77.4
111	38.5	38.0	57.0





#15

Benzyl Alcohol

Concen: 41.19 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

ClientSampleId :

PB88098BS

Tot Ion: 79 Resp: 389151

Ion Ratio Lower Upper

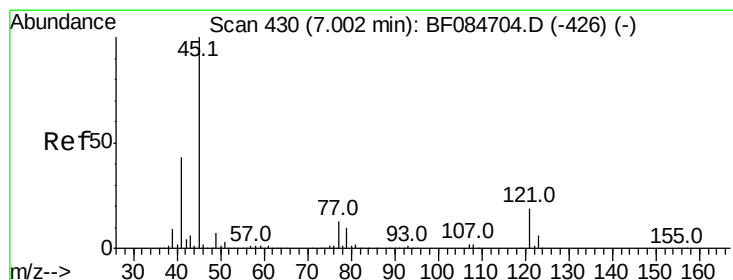
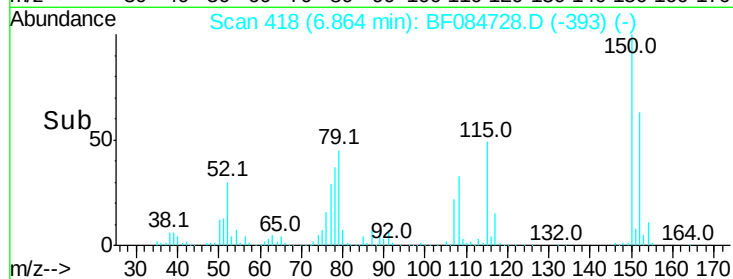
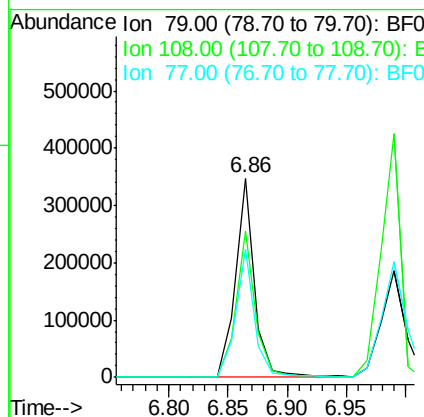
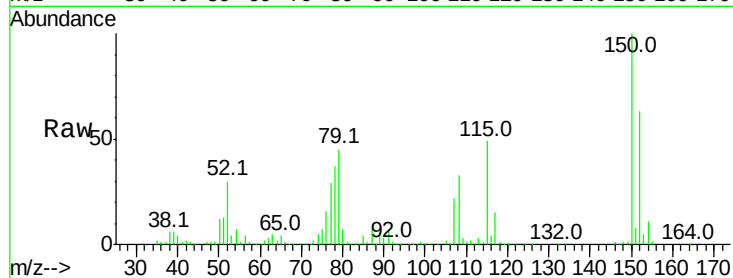
79 100

108 73.6 69.0 103.4

77 64.4 50.0 75.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.36 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

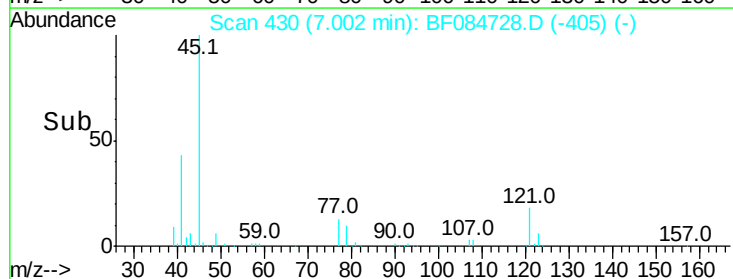
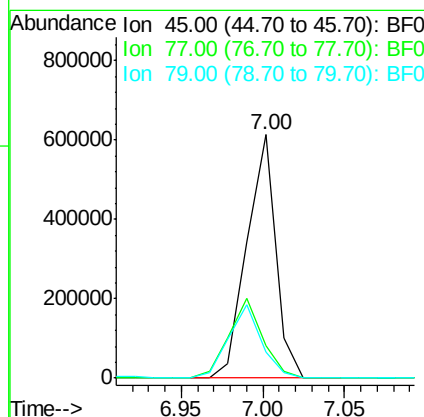
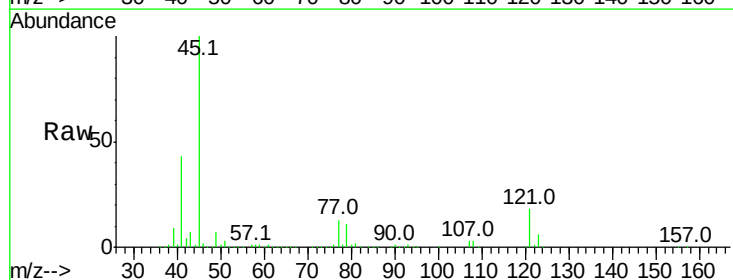
Tgt Ion: 45 Resp: 750998

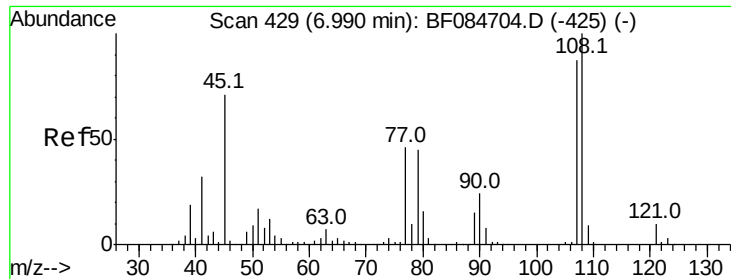
Ion Ratio Lower Upper

45 100

77 13.5 0.0 39.6

79 10.7 0.0 35.0





#17

2-Methylphenol

Concen: 42.11 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

ClientSampleId :

PB88098BS

Tot Ion:107 Resp: 415997
Ion Ratio Lower Upper

107 100

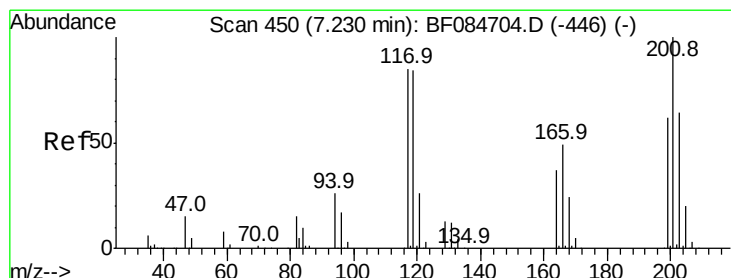
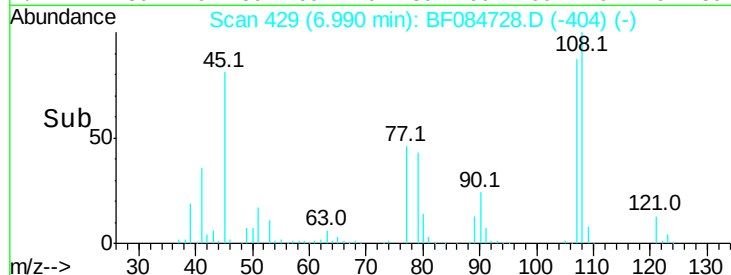
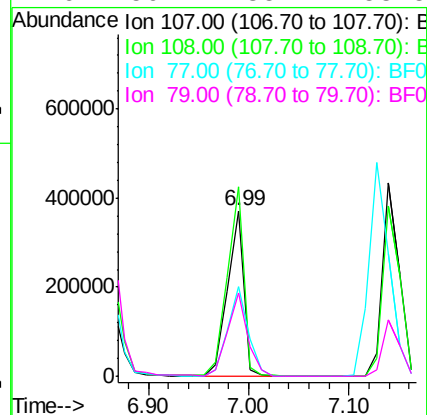
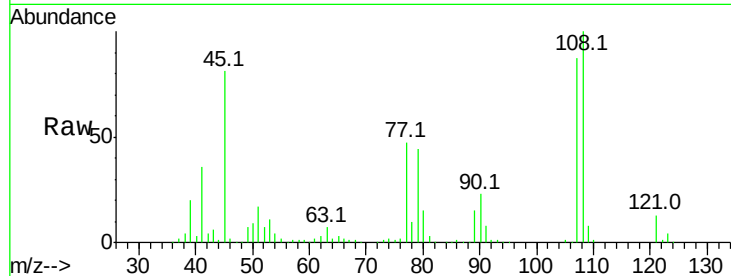
108 114.6 89.8 134.6

77 54.2 35.7 53.5#

79 50.2 35.7 53.5

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#18

Hexachloroethane

Concen: 38.27 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF084728.D

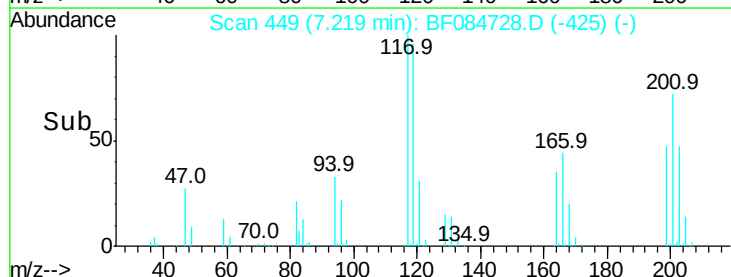
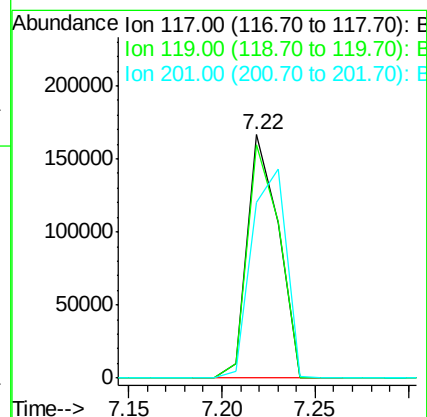
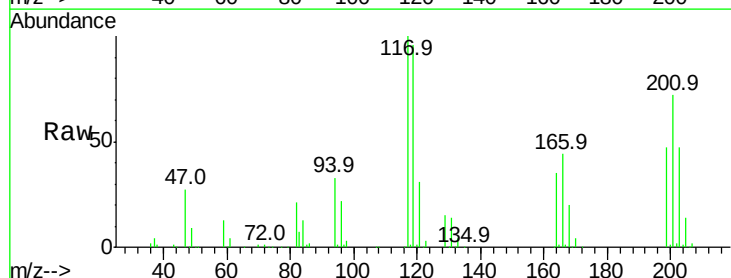
Acq: 2 Feb 2016 00:04

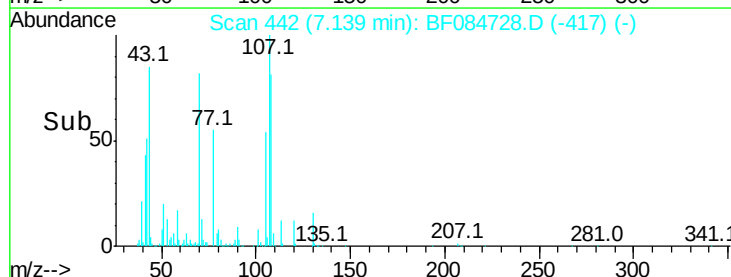
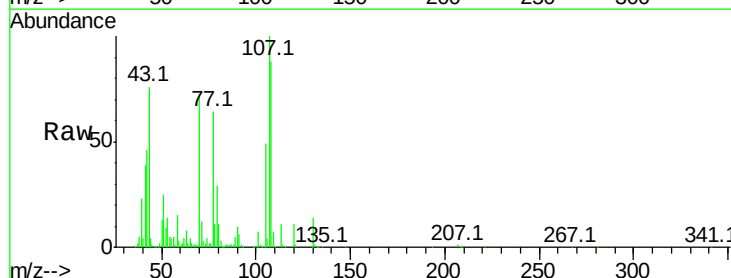
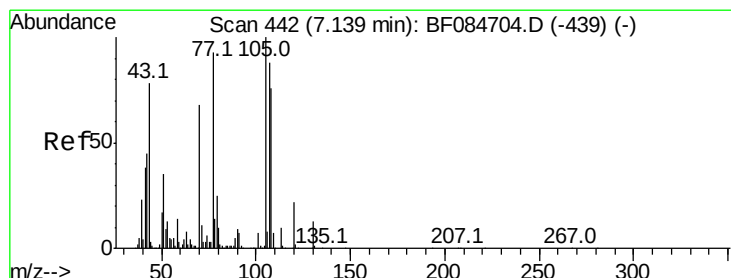
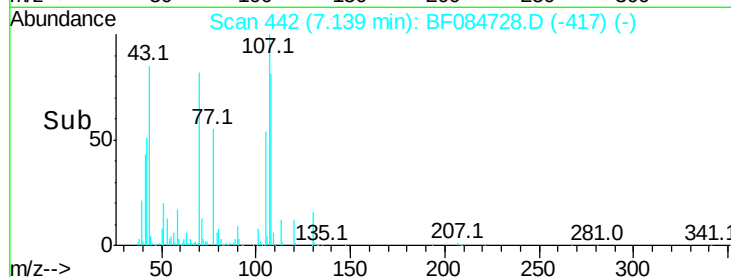
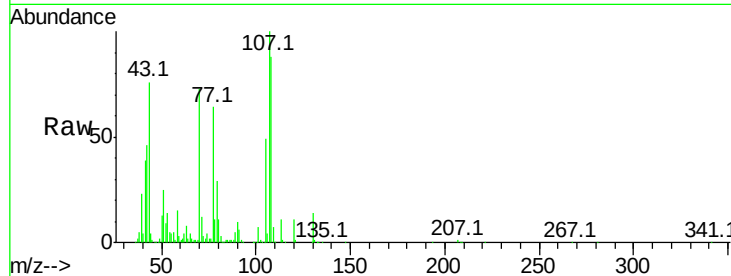
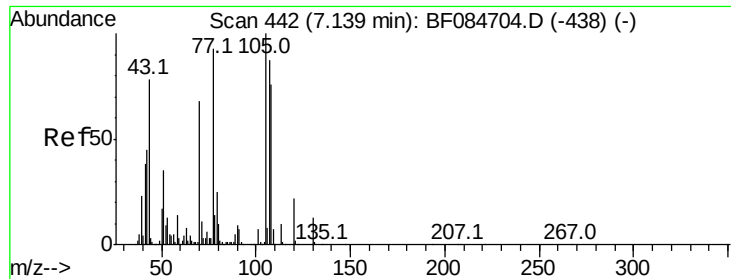
Tgt Ion:117 Resp: 194449
Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

201 72.5 68.6 103.0





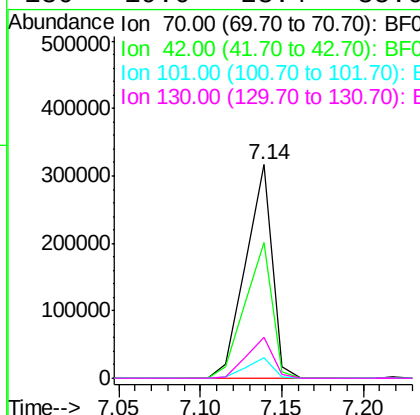
#19
n-Nitroso-di-n-propylamine
Concen: 41.45 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.4	33.3	49.9#
101	9.4	9.3	13.9
130	19.0	23.4	35.0#

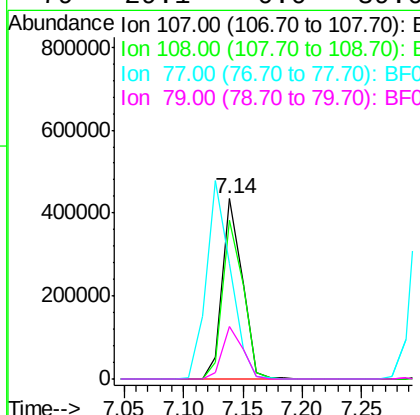
Manual Integrations
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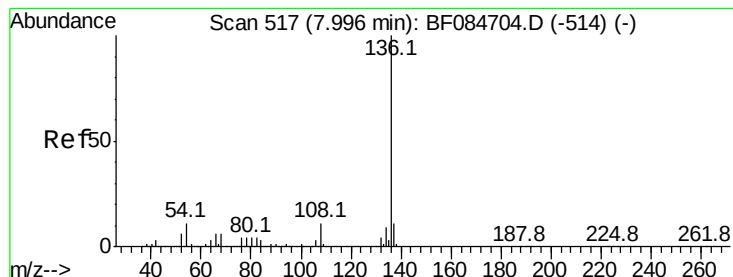
mohammad
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#20
3+4-Methylphenols
Concen: 41.21 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	74.6	114.6
77	63.9	0.7	40.7#
79	29.1	0.0	39.0





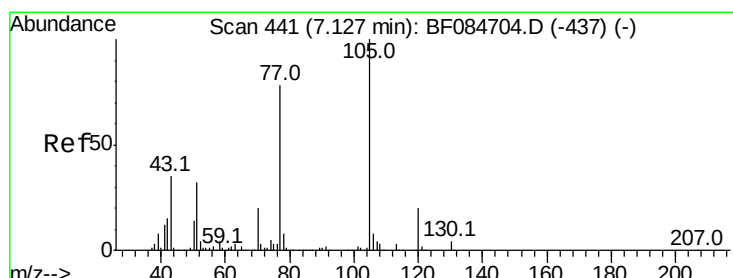
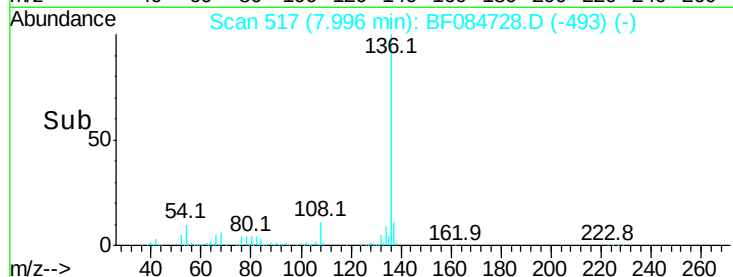
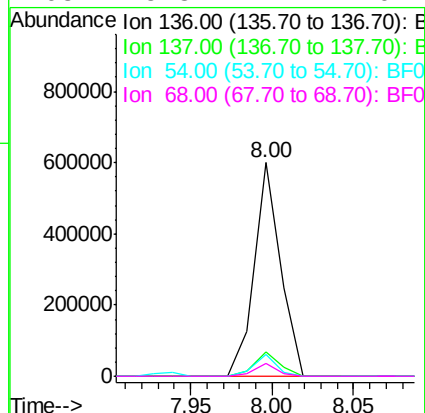
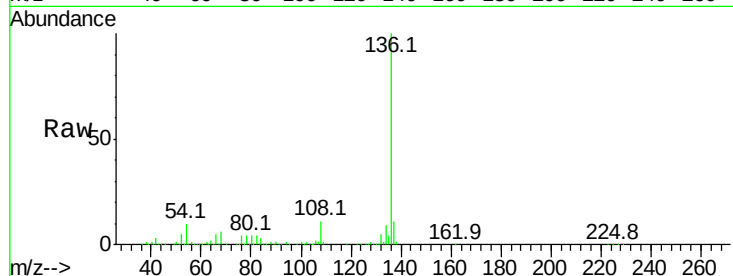
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	671294		
137	11.4	8.7	13.1	
54	9.9	5.8	8.8	
68	5.8	4.2	6.2	

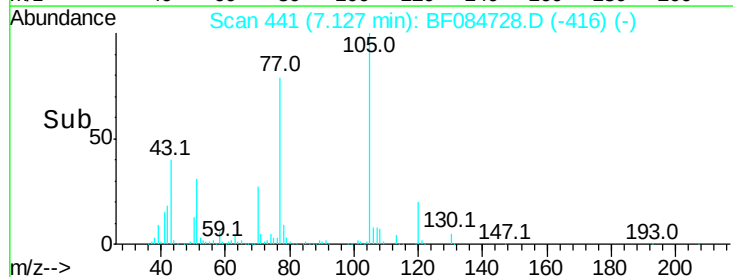
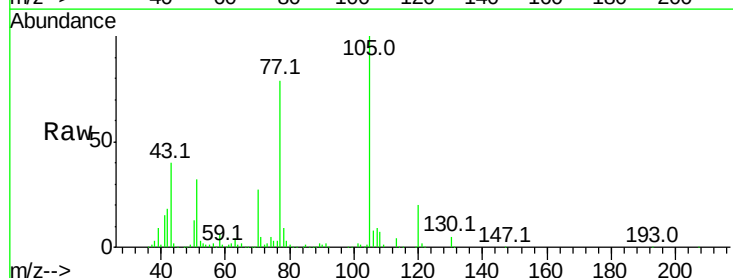
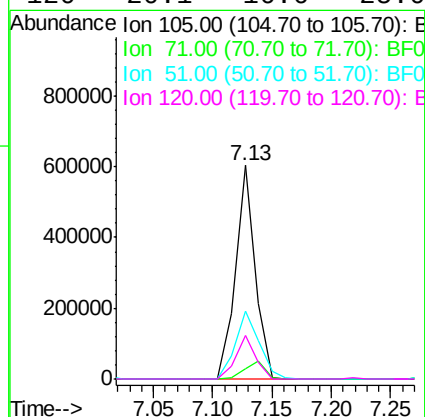
Manual Integrations
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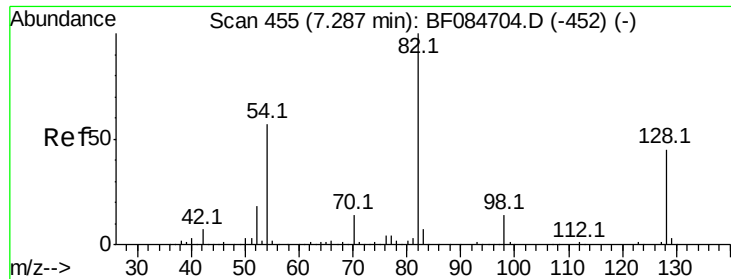
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#22
Acetophenone
Concen: 39.15 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	692635		
71	4.6	3.7	5.5	
51	31.6	25.1	37.7	
120	20.1	16.6	25.0	





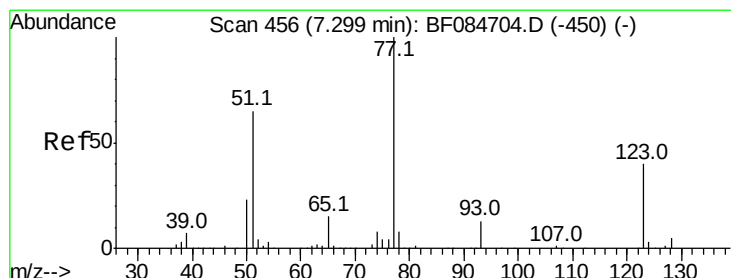
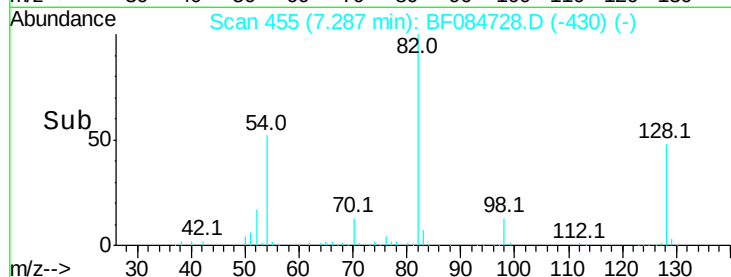
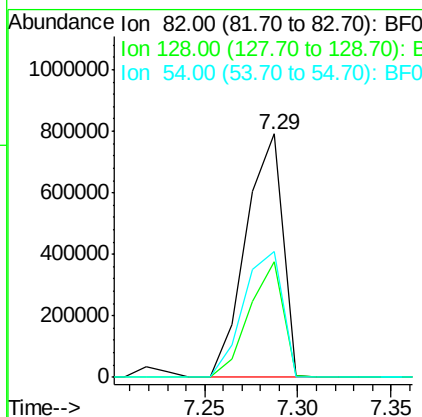
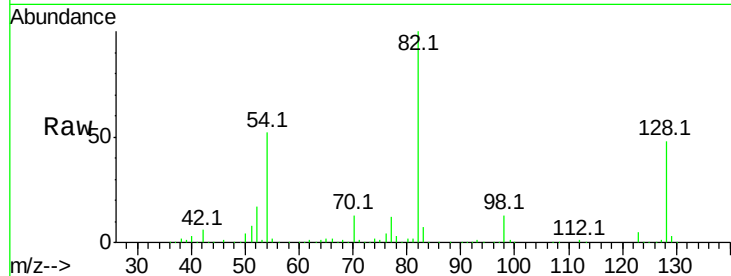
#23
Nitrobenzene-d5
Concen: 90.92 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.6	51.8
54	51.7	38.4	57.6

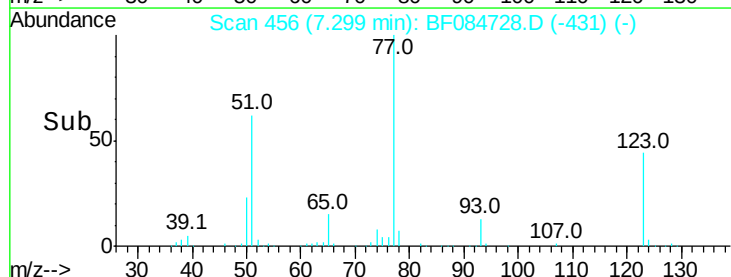
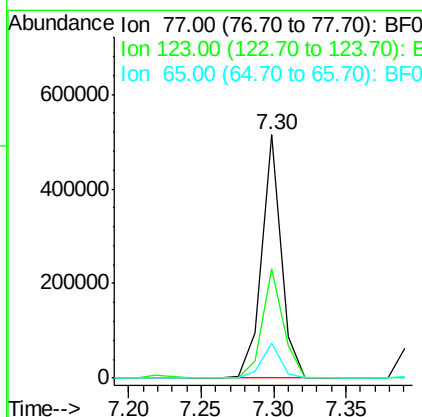
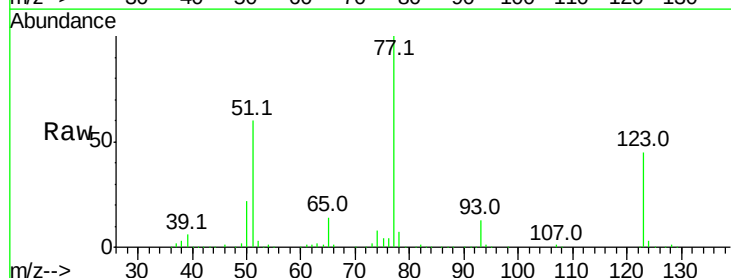
Manual Integrations
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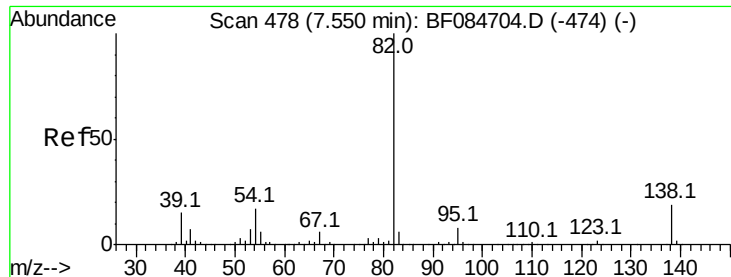
mohammad
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#24
Nitrobenzene
Concen: 37.85 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	37.4	56.2
65	14.4	10.9	16.3





#25

Isophorone

Concen: 41.57 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

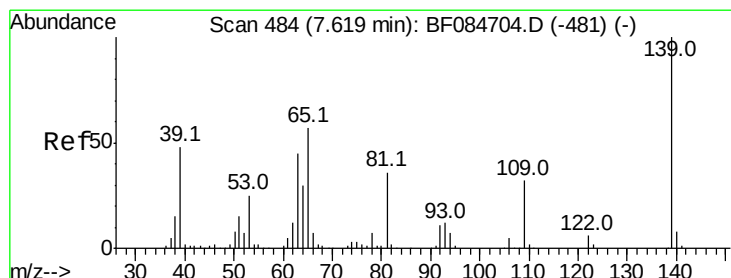
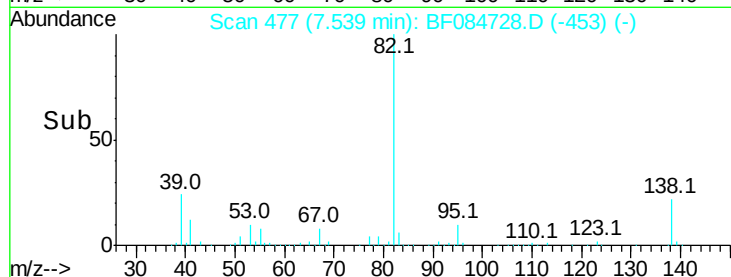
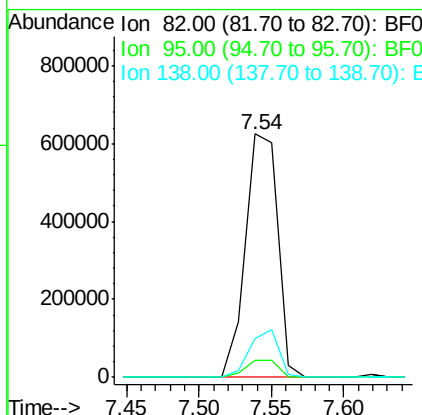
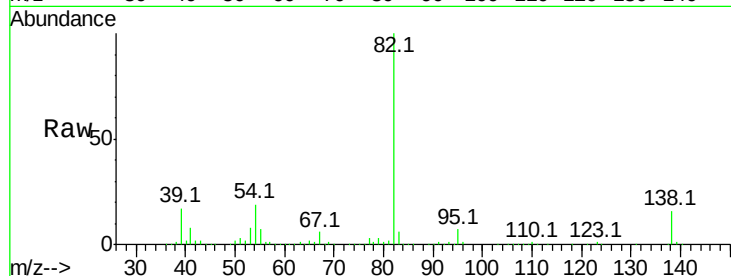
ClientSampleId :

PB88098BS

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Tot Ion	82	Resp	963180
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.6	10.0
138	16.1	13.6	20.4



#26

2-Nitrophenol

Concen: 43.28 ng

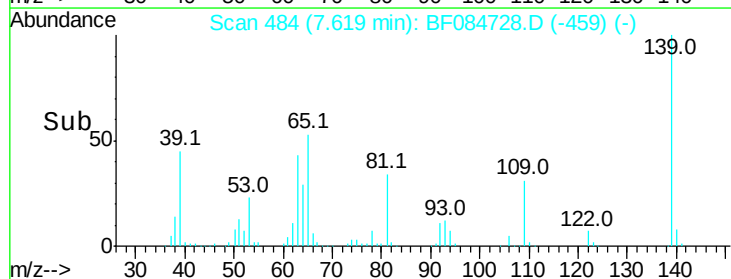
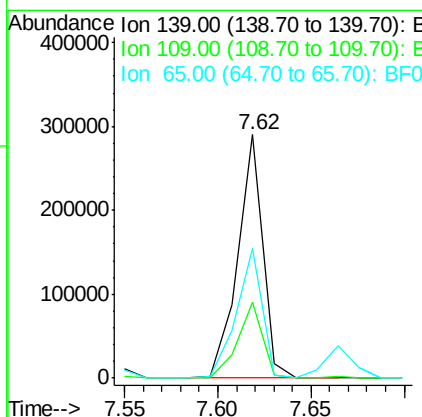
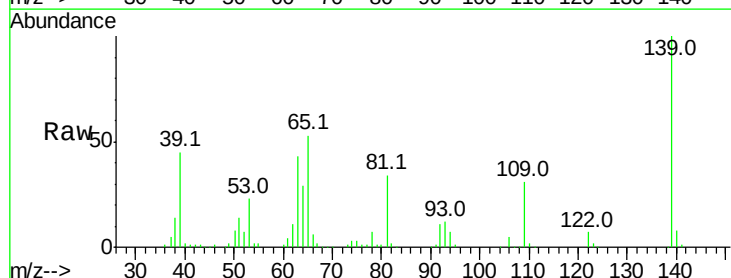
RT: 7.62 min Scan# 484

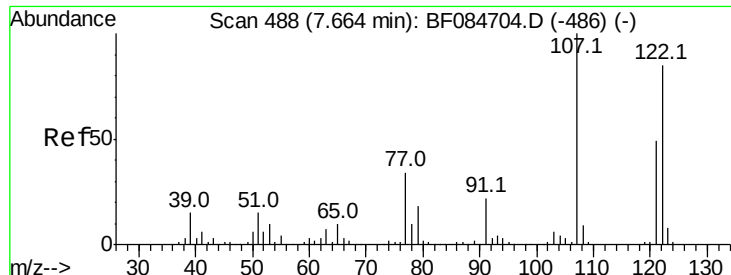
Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion	139	Resp	272422
Ion Ratio	Lower	Upper	
139	100		
109	31.3	25.4	38.2
65	53.1	32.3	48.5#





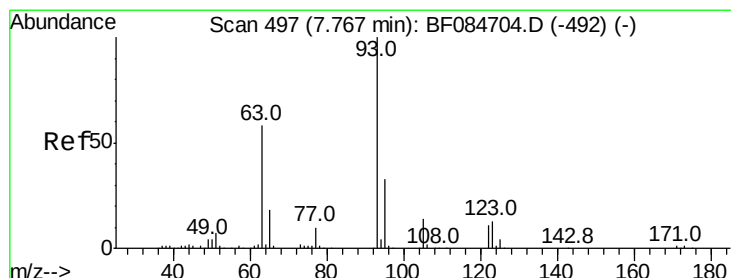
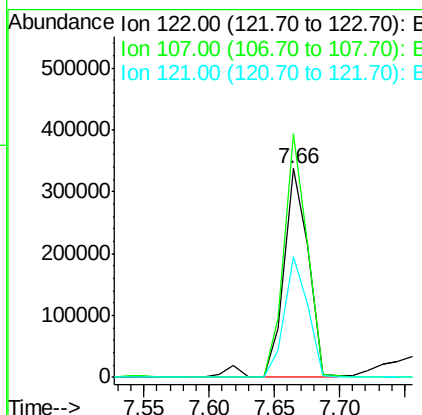
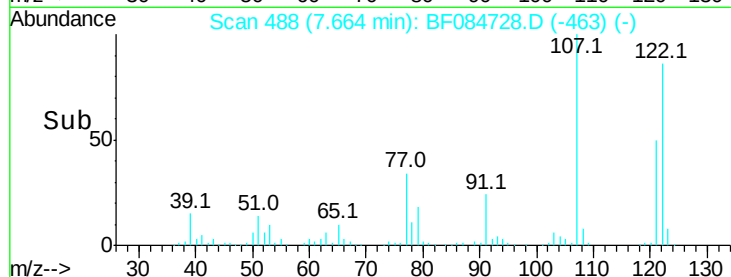
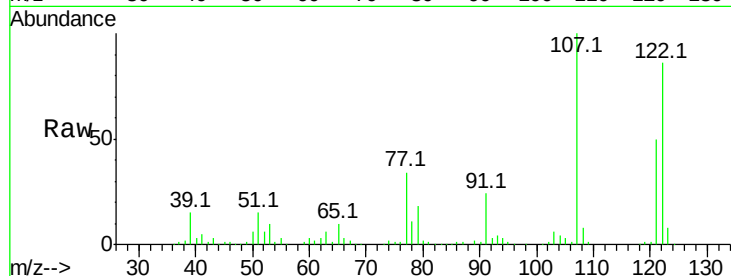
#27
 2,4-Dimethylphenol
 Concen: 41.45 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampled :
 PB88098BS

Tot Ion:	122	Resp:	453804
Ion Ratio	Lower	Upper	
122	100		
107	116.8	99.1	148.7
121	58.0	47.9	71.9

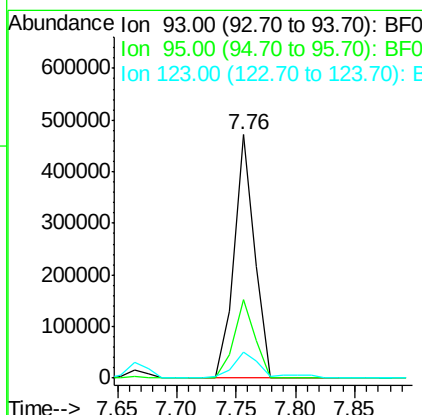
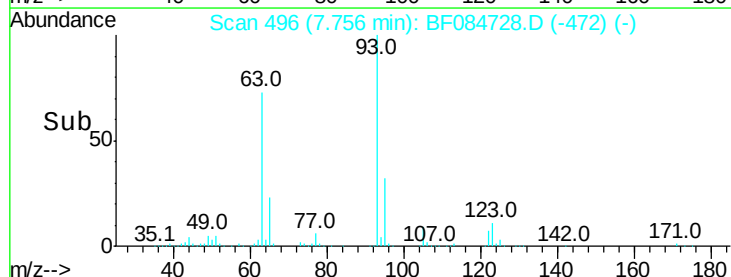
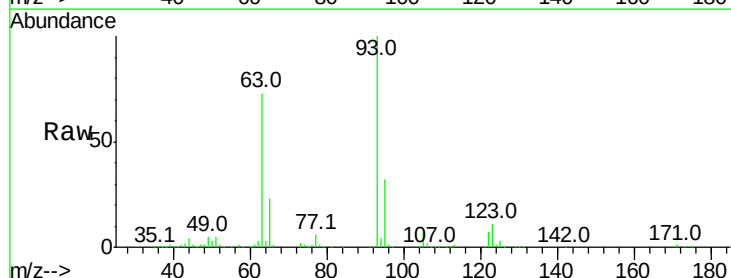
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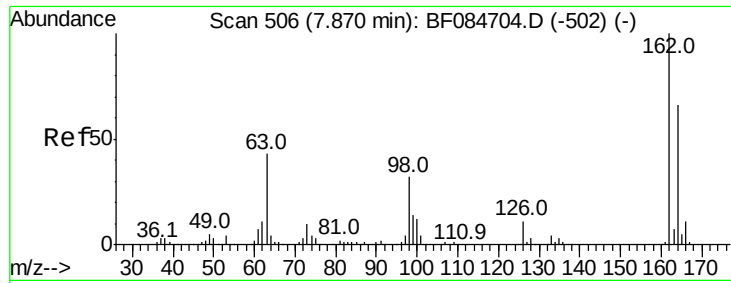
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.09 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion:	93	Resp:	564873
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.8	38.6
123	10.7	8.6	12.8





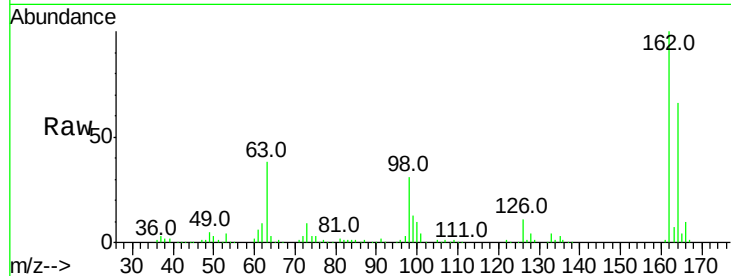
#29
 2,4-Dichlorophenol
 Concen: 44.74 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

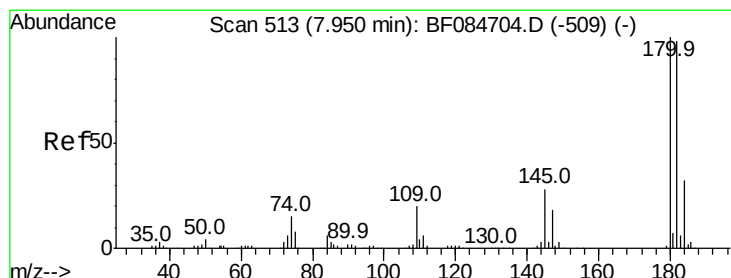
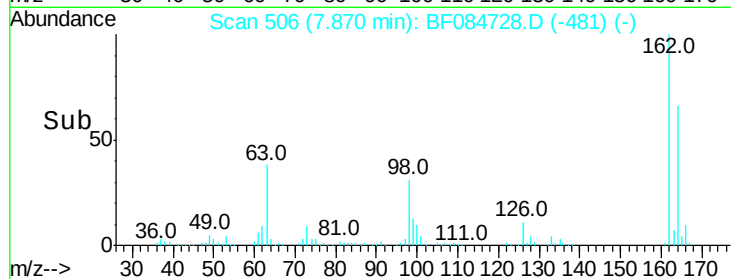
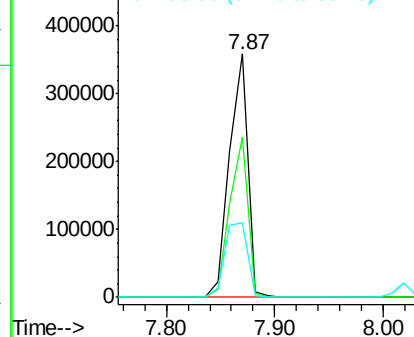
Tot Ion:	162	Resp:	419029
Ion Ratio	Lower	Upper	
162	100		
164	66.0	44.1	84.1
98	30.6	20.2	60.2

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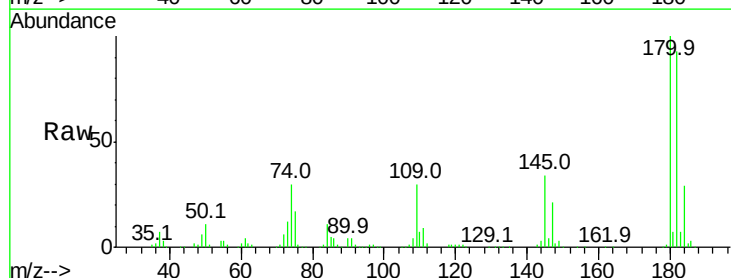


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

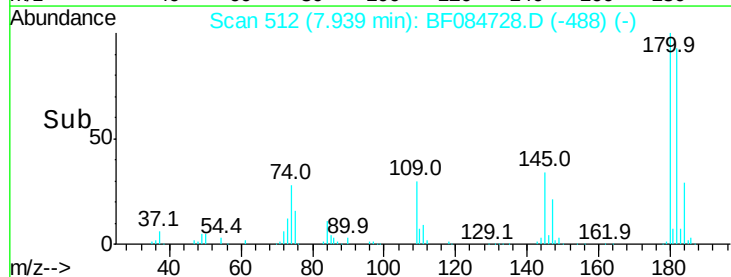
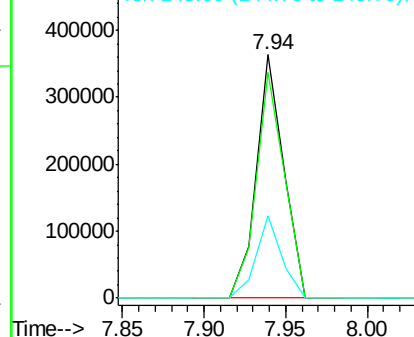


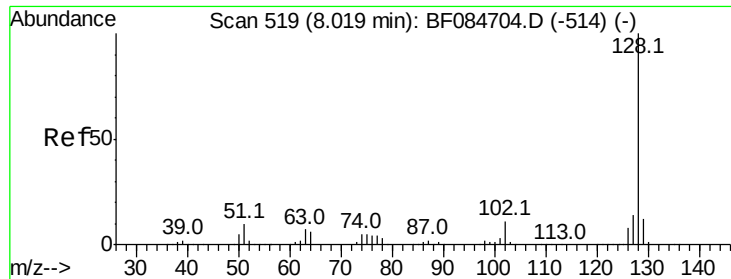
#30
 1,2,4-Trichlorobenzene
 Concen: 40.00 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion:	180	Resp:	423169
Ion Ratio	Lower	Upper	
180	100		
182	92.7	76.4	114.6
145	33.6	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





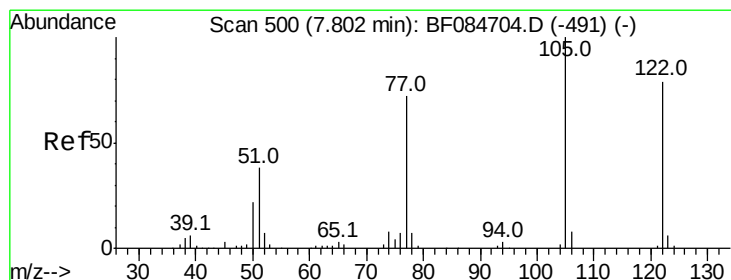
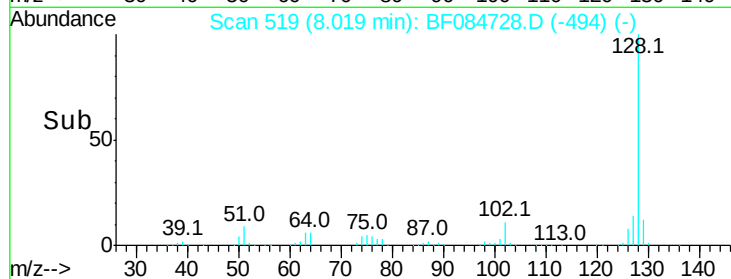
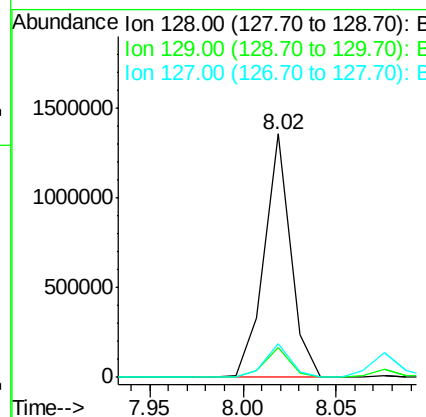
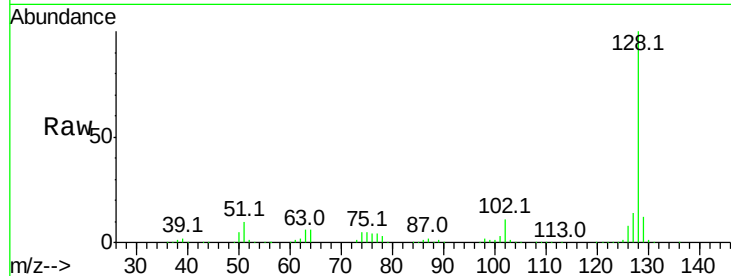
#31
Naphthalene
Concen: 39.24 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	13.8	11.1	16.7

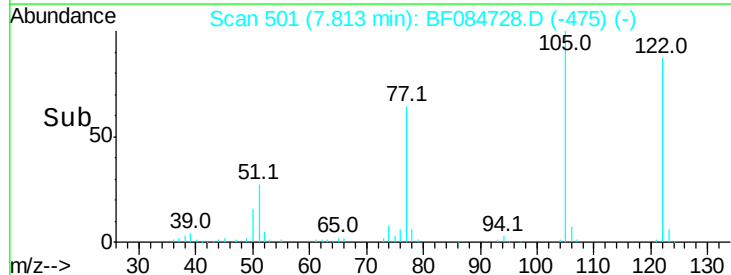
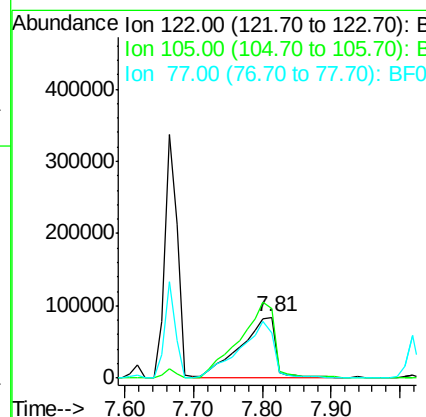
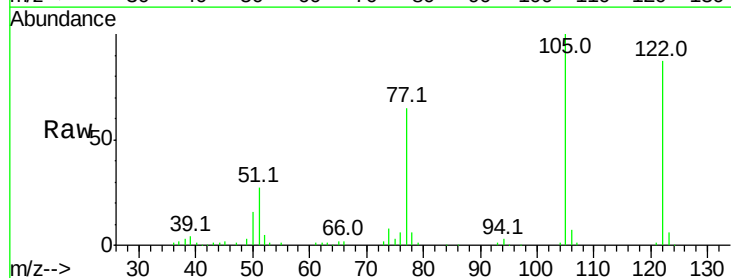
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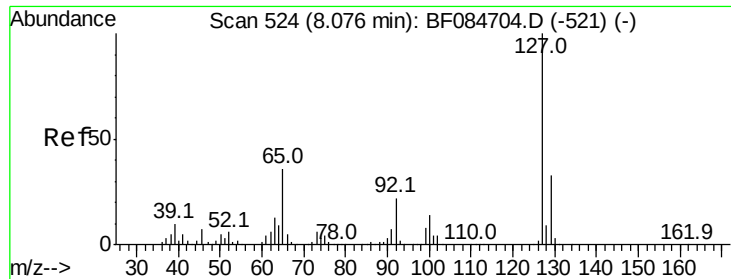
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#32
Benzoic acid
Concen: 42.50 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.7	100.3	140.3
77	74.2	63.5	103.5





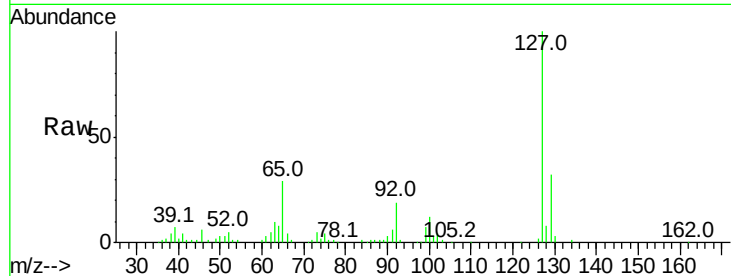
#33
4-Chloroaniline
Concen: 12.16 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	169275		
129	32.2		26.5	39.7
65	29.0		27.2	40.8
92	19.1		17.7	26.5

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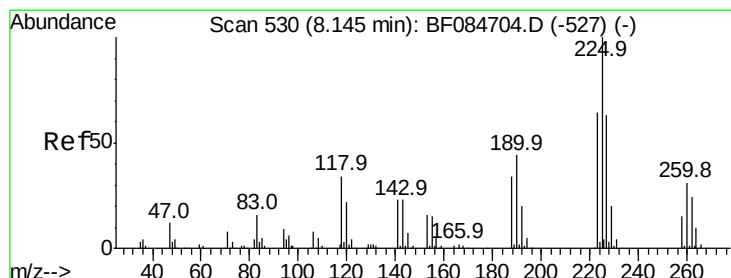
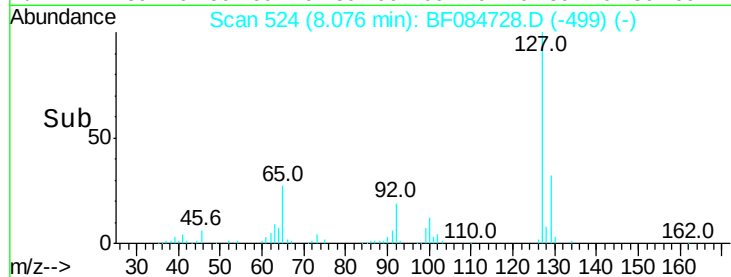
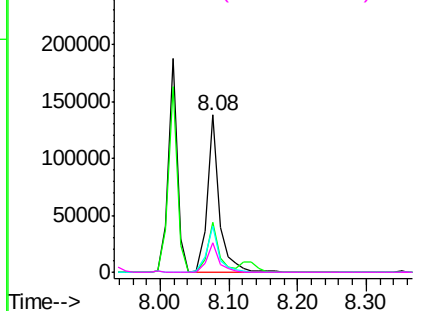
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

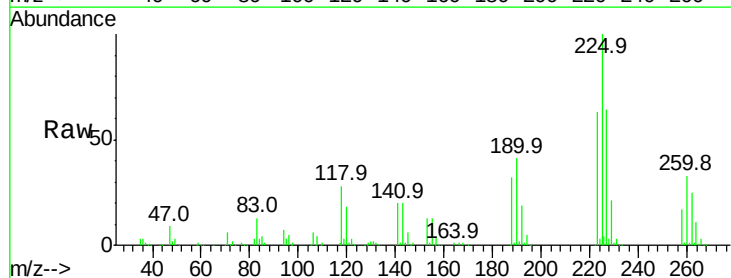
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 42.52 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	259363		
223	63.2		49.4	74.0
227	63.7		50.8	76.2

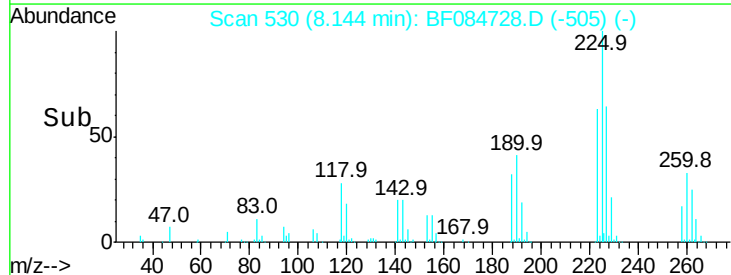
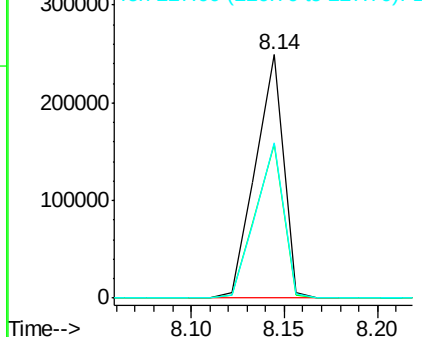


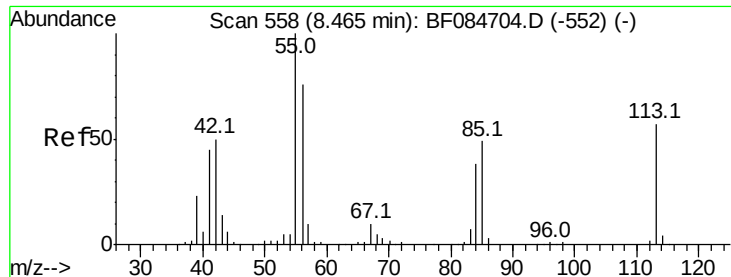
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.62 ng/ml

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

ClientSampleID :

PB88098BS

Tot Ion:113 Resp: 134606

Ion Ratio Lower Upper

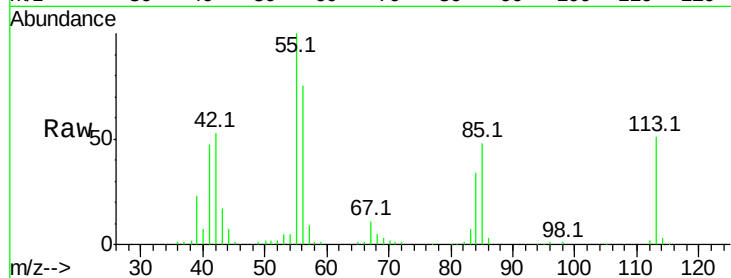
113 100

55 196.7 116.9 156.9#

56 148.3 93.8 133.8#

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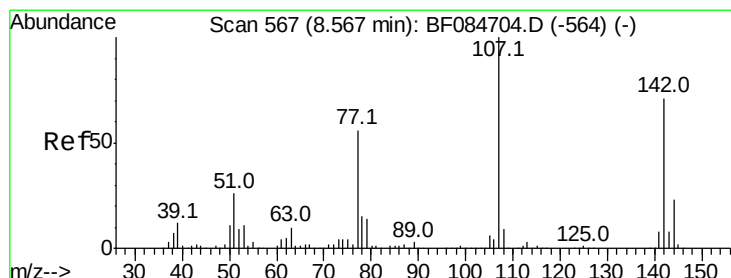
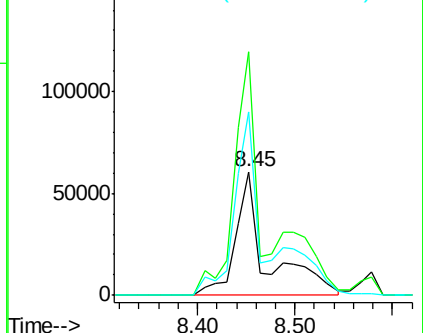
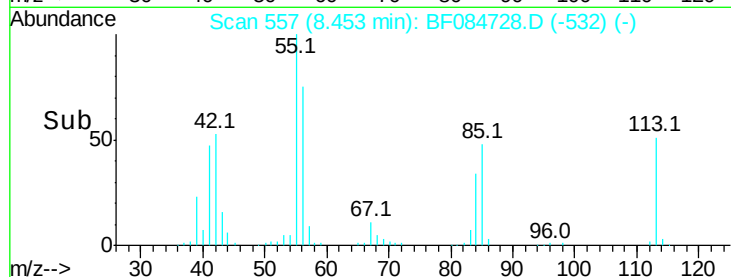
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.05 ng/ml

RT: 8.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

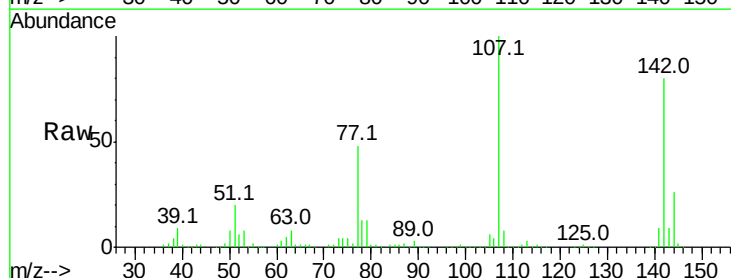
Tgt Ion:107 Resp: 492072

Ion Ratio Lower Upper

107 100

144 25.7 19.7 29.5

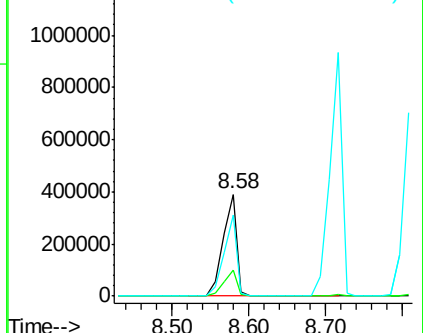
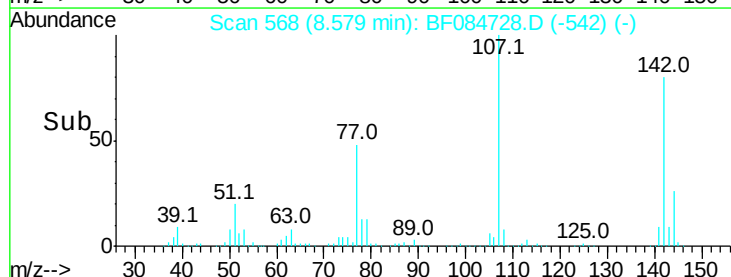
142 79.6 61.8 92.6

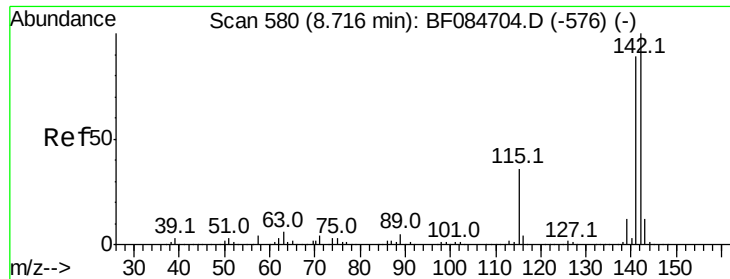


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





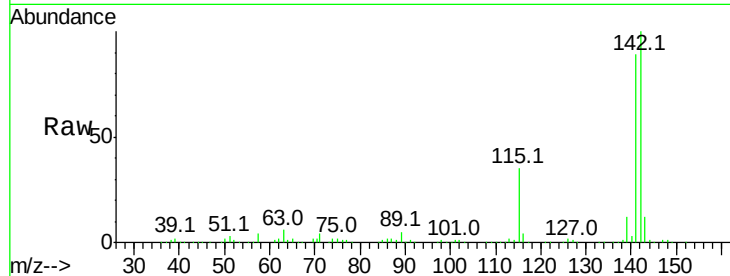
#37
2-Methylnaphthalene
Concen: 47.80 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.4	108.6
115	34.9	27.9	41.9

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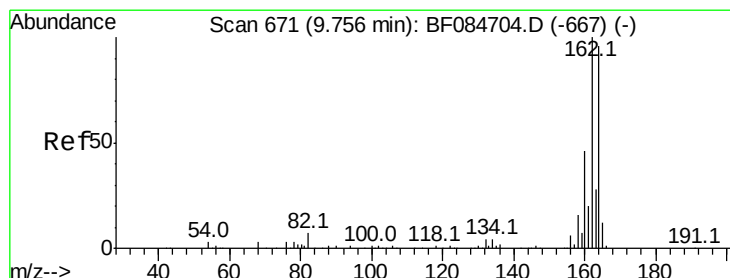
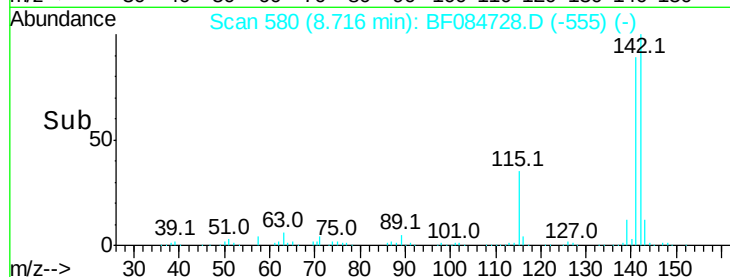
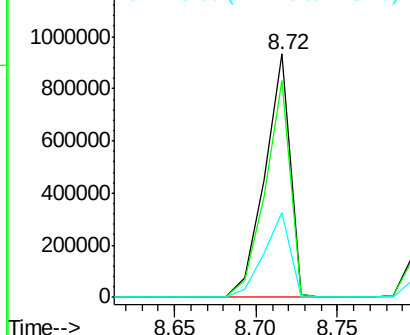


Abundance

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. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

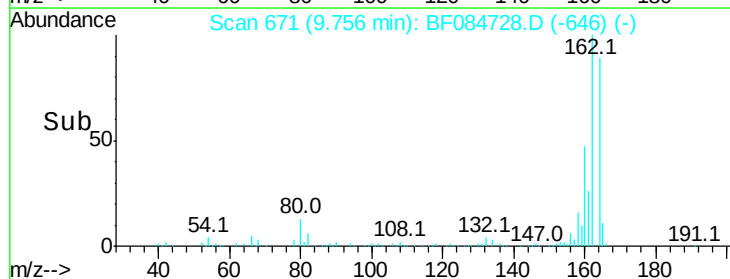
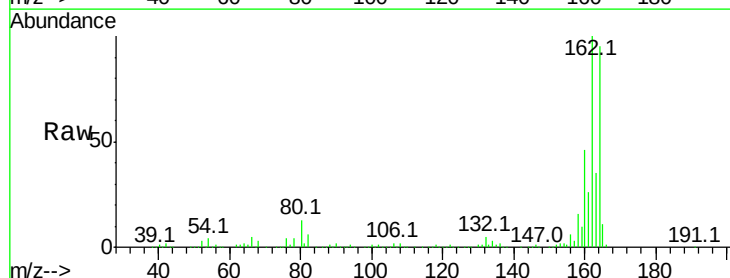
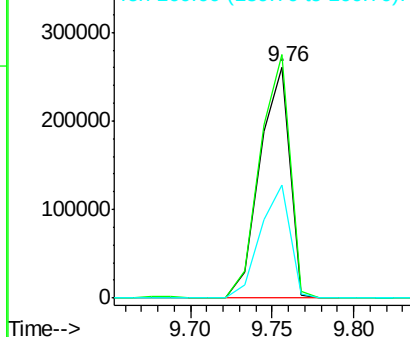
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.1	127.7
160	49.0	37.5	56.3

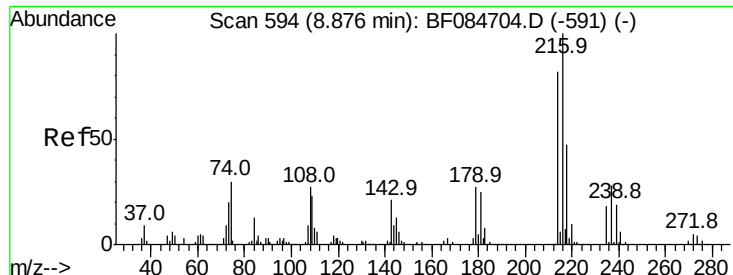
Abundance

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: 34.47 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

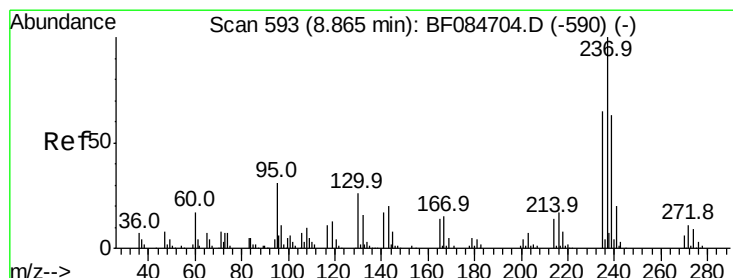
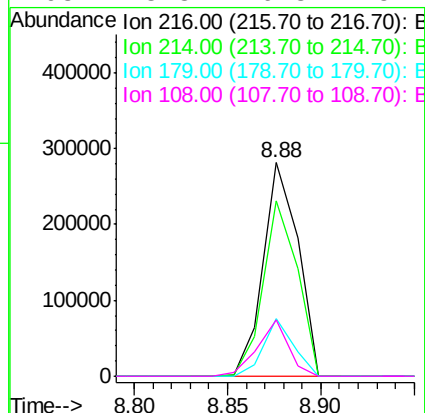
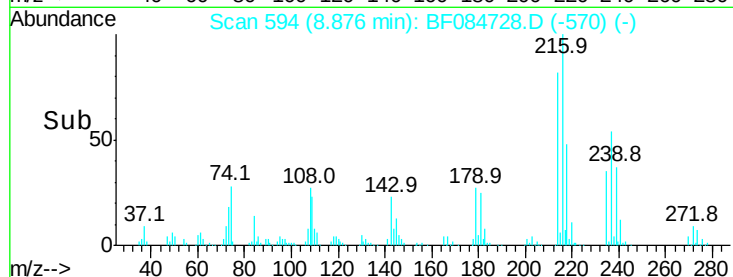
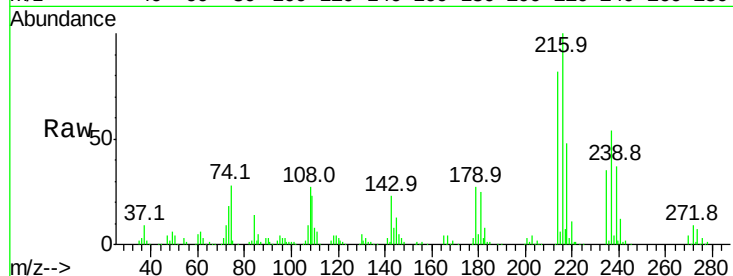
ClientSampleId :

PB88098BS

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	363272		
214	80.9	64.2	96.2	
179	23.2	18.7	28.1	
108	23.8	16.8	25.2	



#40

Hexachlorocyclopentadiene

Concen: 82.61 ng

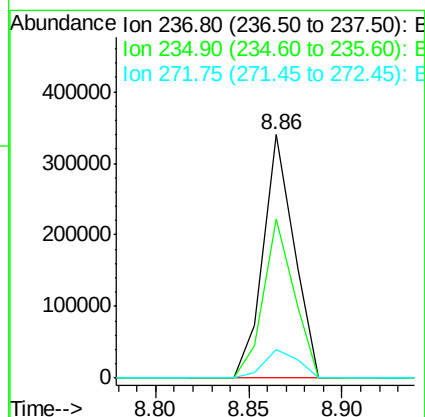
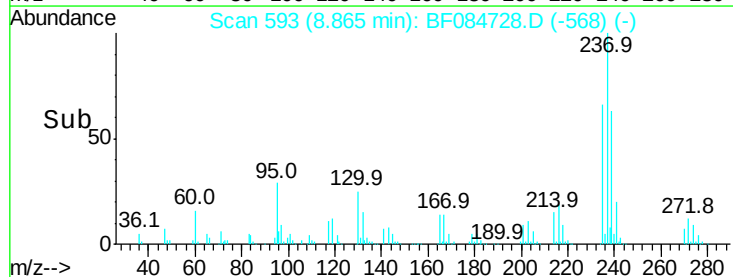
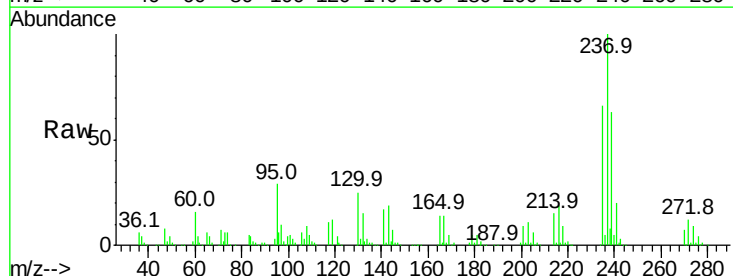
RT: 8.86 min Scan# 593

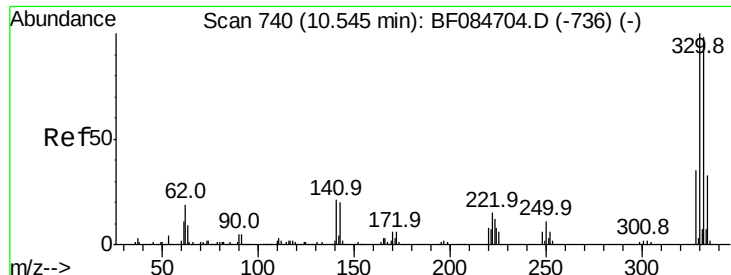
Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	389467		
235	65.6	43.1	83.1	
272	11.5	0.0	35.1	





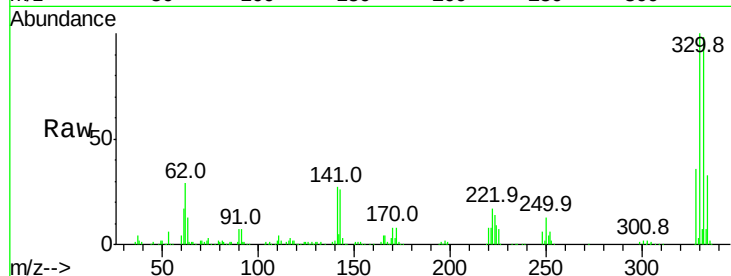
#41
 2,4,6-Tribromophenol
 Concen: 128.83 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

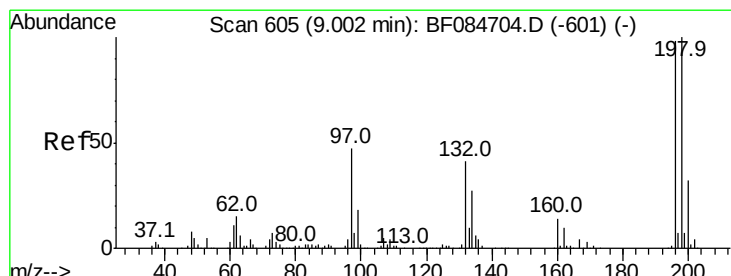
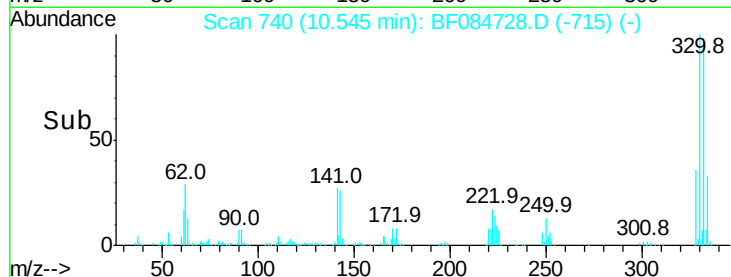
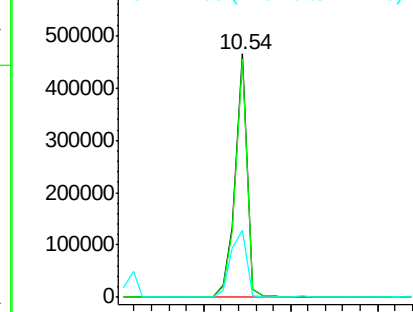
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.6	114.8	
141	37.2	27.8	41.6	

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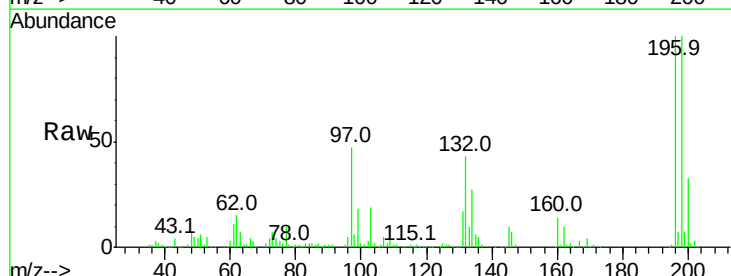


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

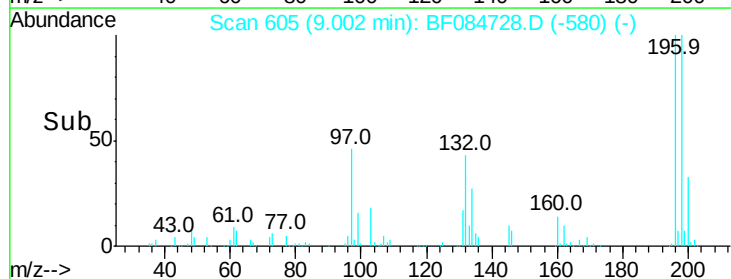
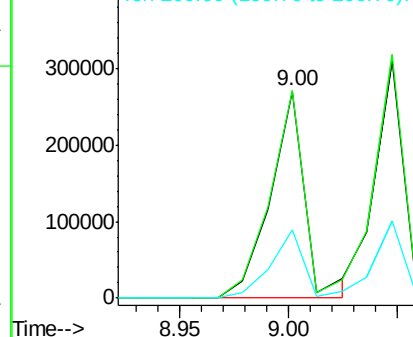


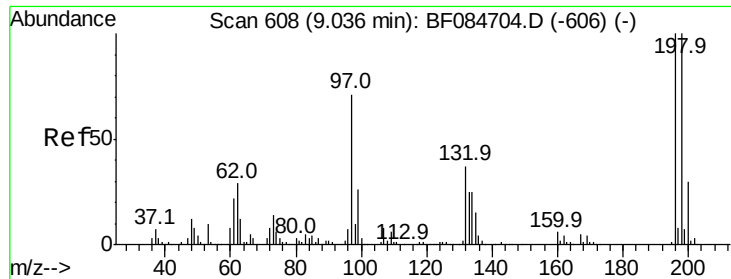
#42
 2,4,6-Trichlorophenol
 Concen: 44.72 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.1	77.7	116.5	
200	32.8	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





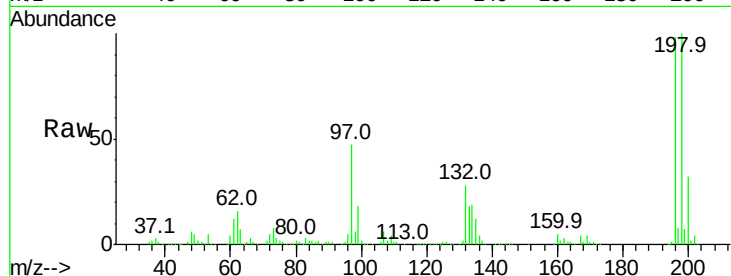
#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

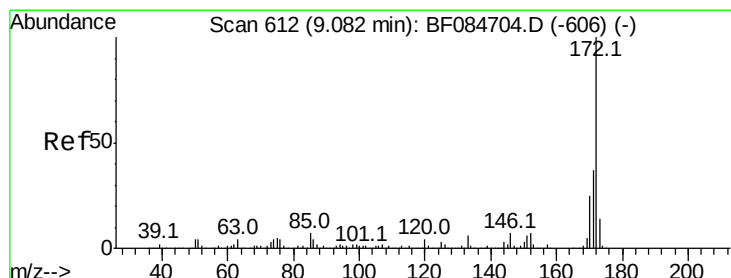
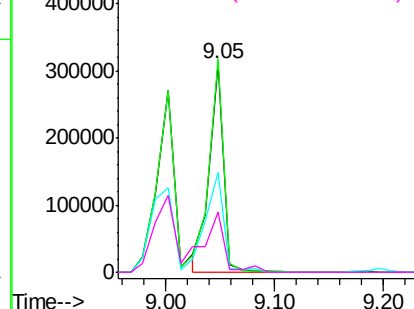
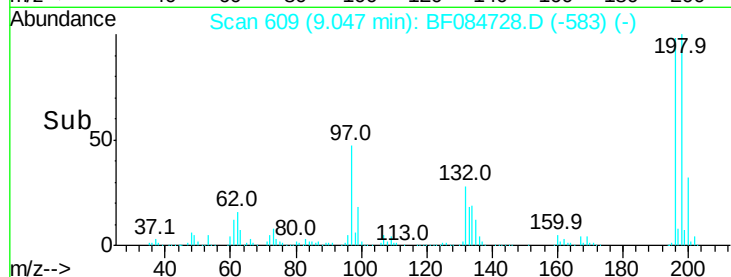
Tot Ion	196	Resp	285294
Ion Ratio	Lower	Upper	
196	100		
198	102.4	79.0	118.6
97	47.7	33.0	49.6
132	28.6	21.1	31.7

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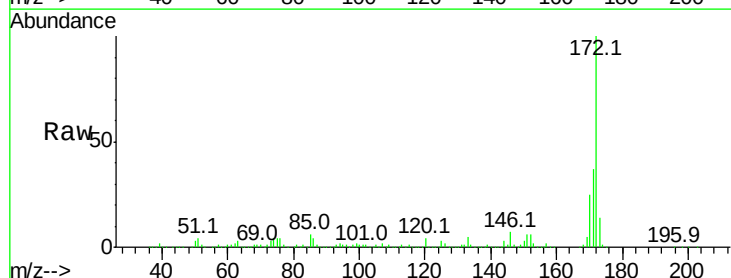


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

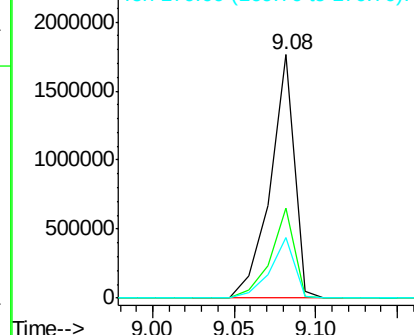
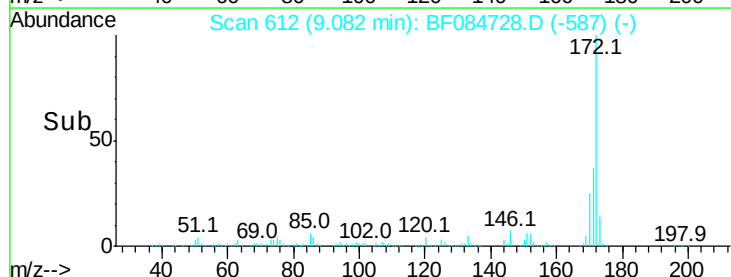


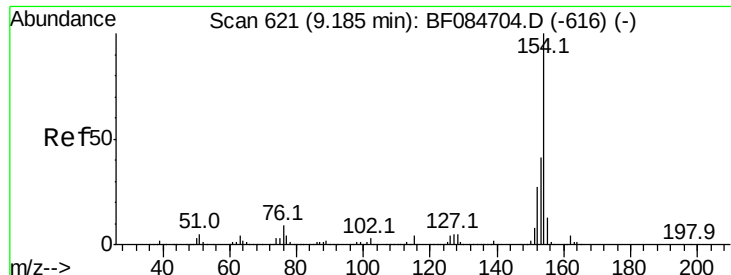
#44
 2-Fluorobiphenyl
 Concen: 96.60 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion	172	Resp	1816101
Ion Ratio	Lower	Upper	
172	100		
171	36.9	28.9	43.3
170	24.8	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





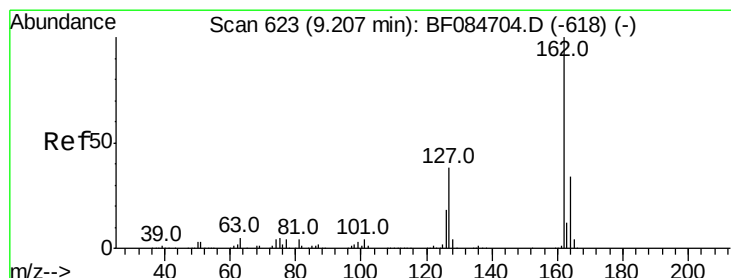
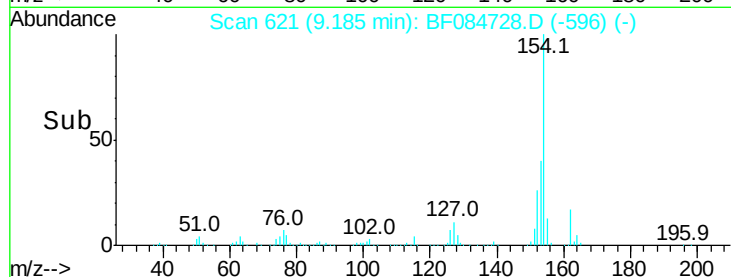
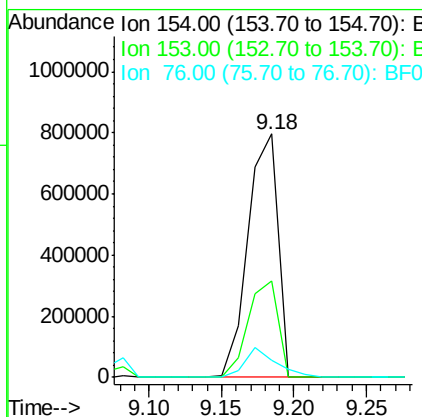
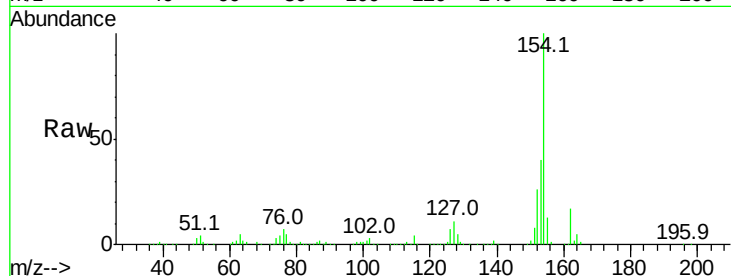
#45
1,1'-Biphenyl
Concen: 38.40 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampled :
PB88098BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.6	61.6
76	6.9	0.0	32.7

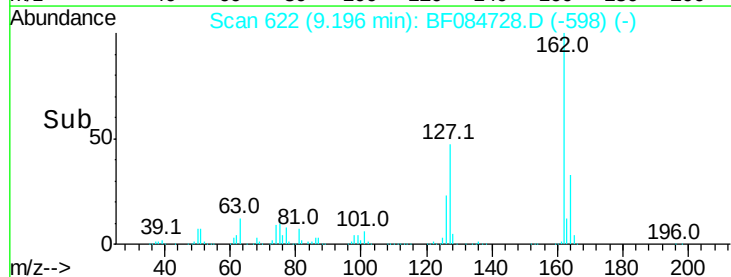
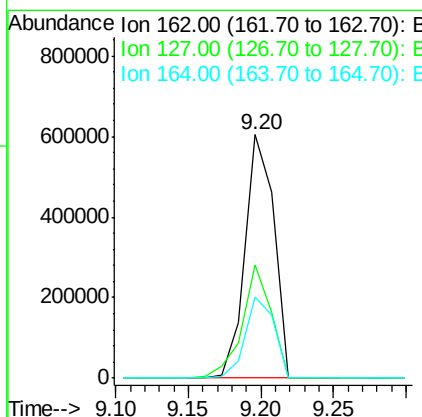
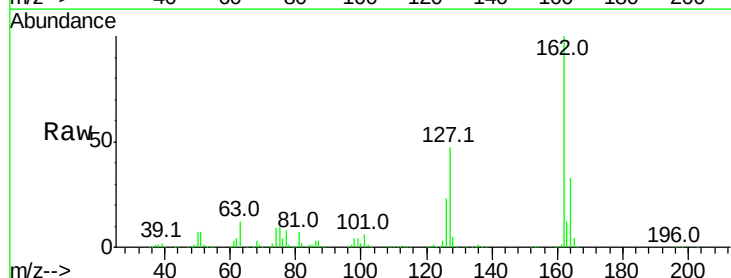
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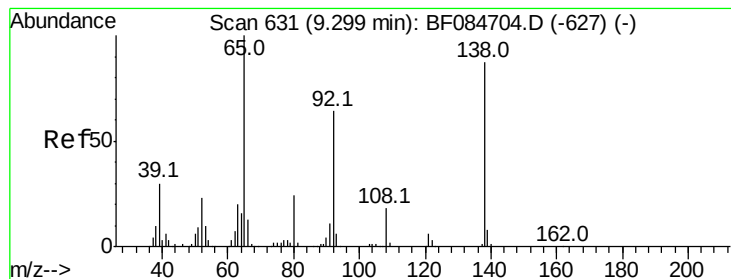
mohammad
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#46
2-Chloronaphthalene
Concen: 38.11 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.5	40.2	60.4
164	33.5	25.7	38.5





#47

2-Nitroaniline

Concen: 37.60 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

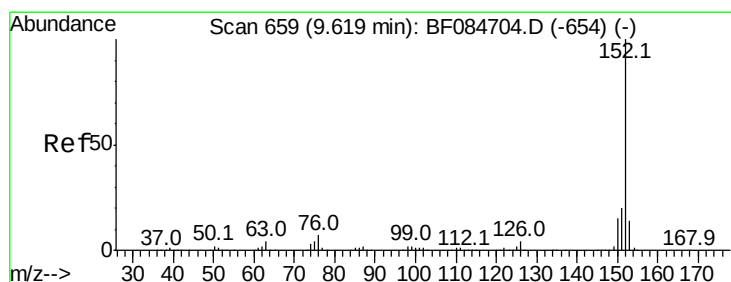
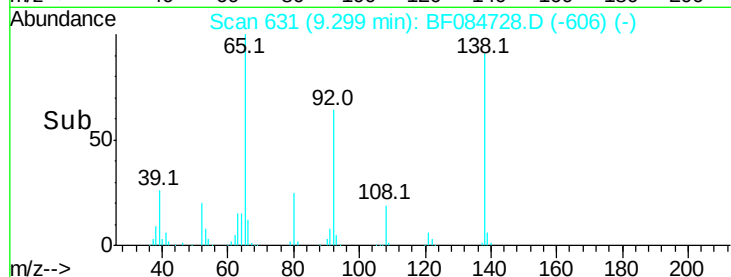
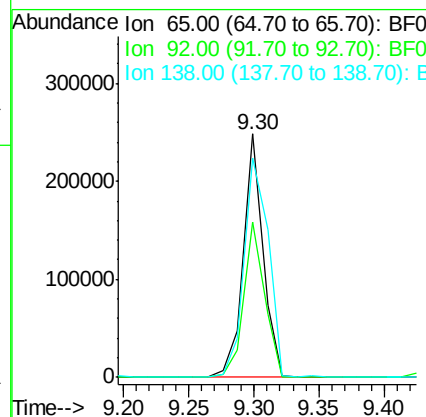
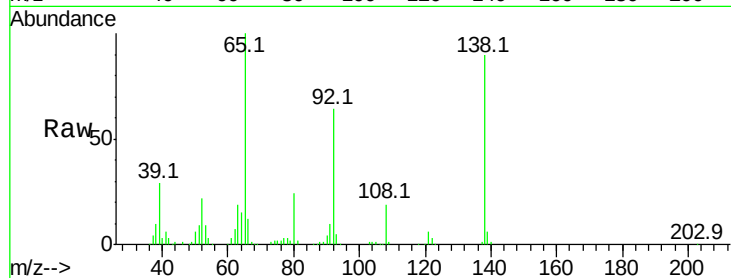
ClientSampleId :

PB88098BS

Tot Ion:	65	Resp:	259840
Ion Ratio	Lower	Upper	
65	100		
92	63.6	53.4	80.2
138	90.2	71.1	106.7

Manual Integrations
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#48

Acenaphthylene

Concen: 40.58 ng

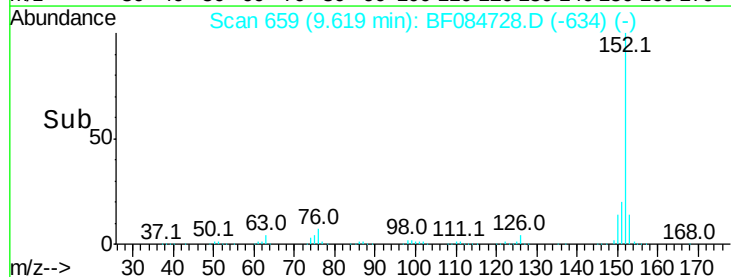
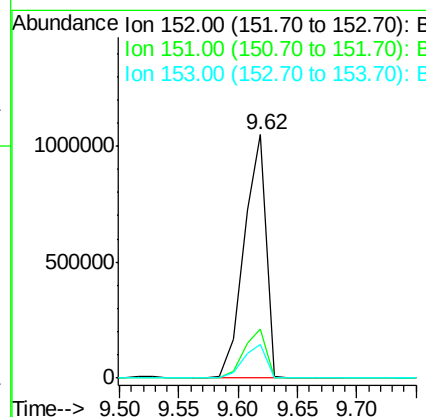
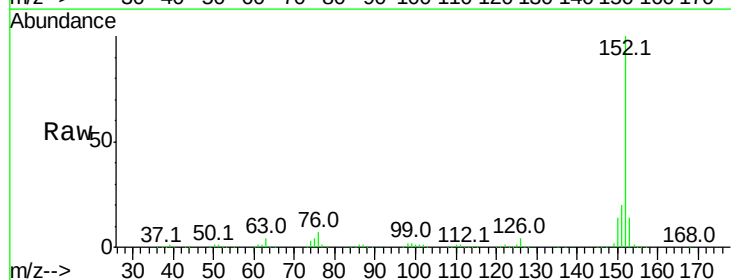
RT: 9.62 min Scan# 659

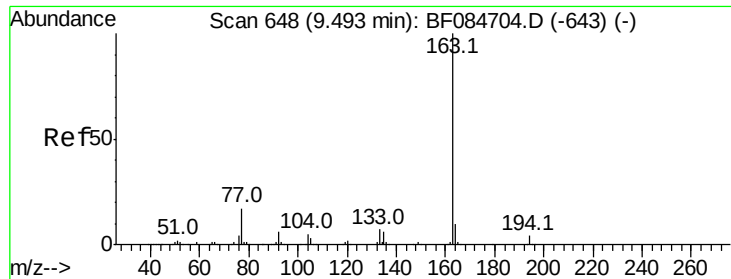
Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion:	152	Resp:	1344113
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	13.9	10.4	15.6





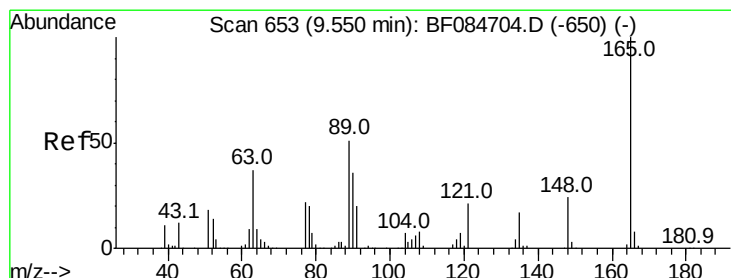
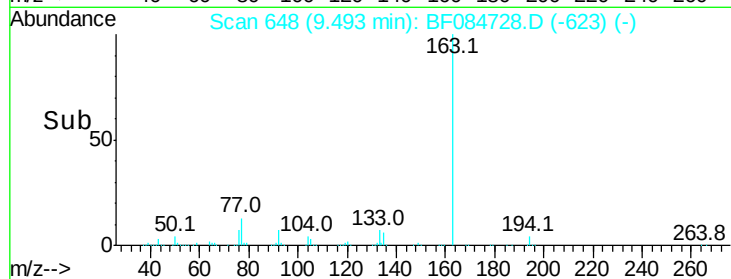
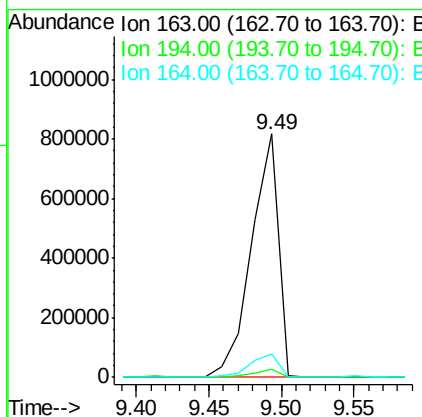
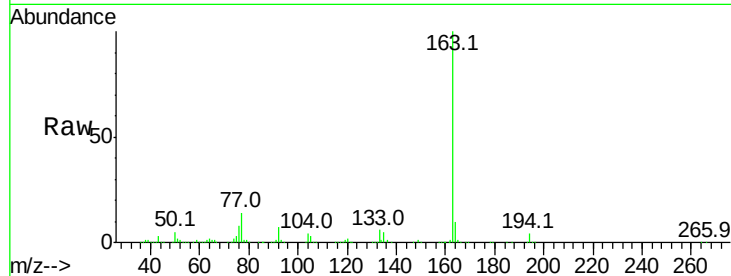
#49
Dimethylphthalate
Concen: 41.73 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	8.0	12.0#
164	9.9	8.0	12.0

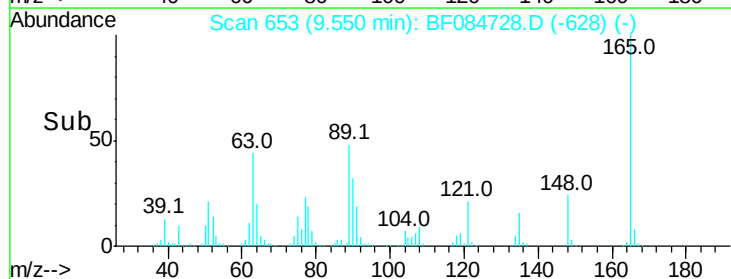
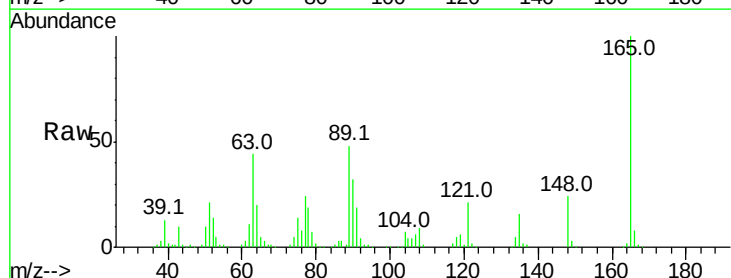
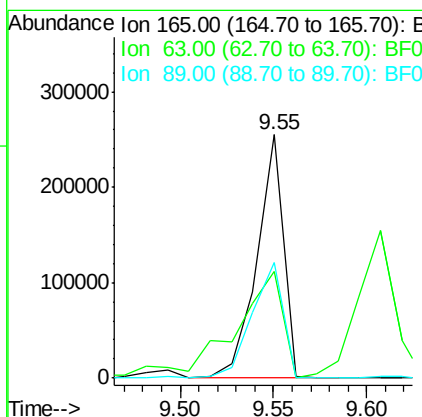
Manual Integrations
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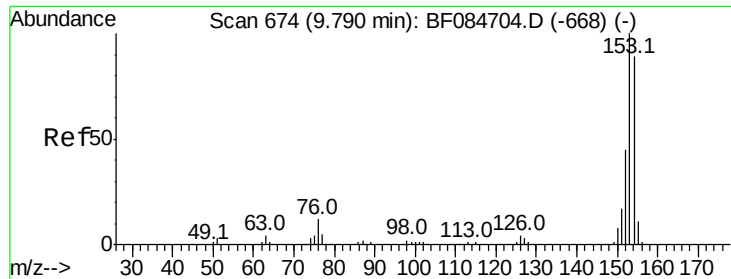
mohammad
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#50
2,6-Dinitrotoluene
Concen: 45.26 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.0	28.8	43.2#
89	47.7	35.1	52.7





#51

Acenaphthene

Concen: 41.15 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

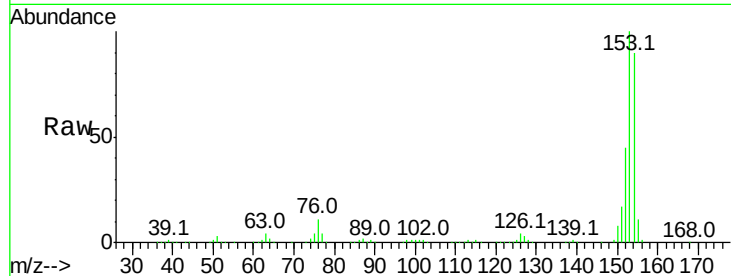
ClientSampled :

PB88098BS

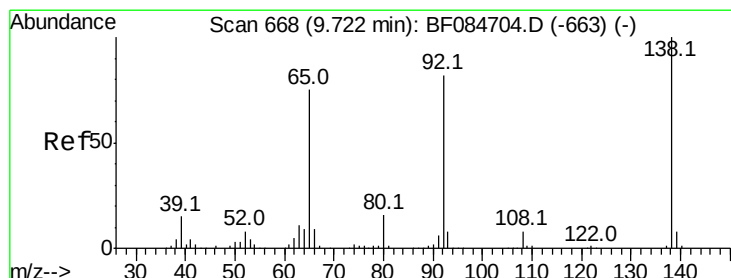
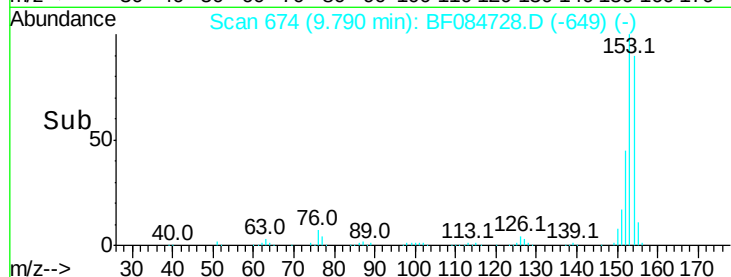
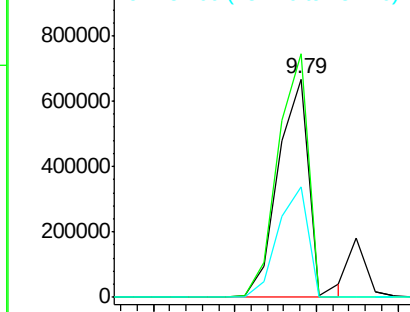
Tot Ion:	154	Resp:	886574
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.5	137.3
152	50.8	43.0	64.6

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



#52

3-Nitroaniline

Concen: 16.38 ng

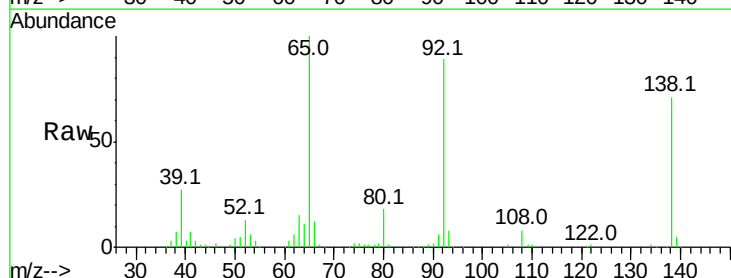
RT: 9.71 min Scan# 667

Delta R.T. -0.01 min

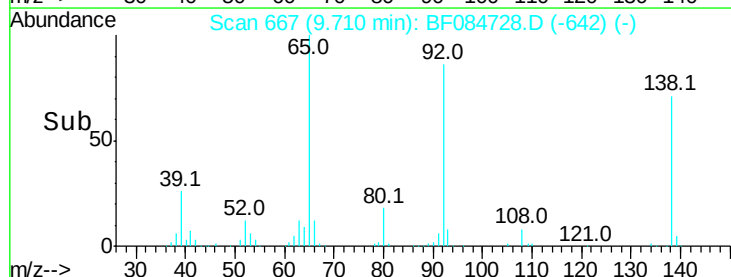
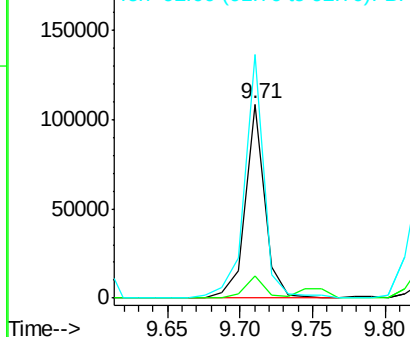
Lab File: BF084728.D

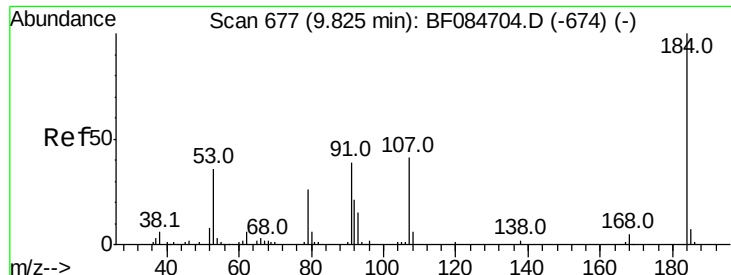
Acq: 2 Feb 2016 00:04

Tgt Ion:	138	Resp:	101592
Ion Ratio	Lower	Upper	
138	100		
108	11.3	10.5	15.7
92	125.6	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





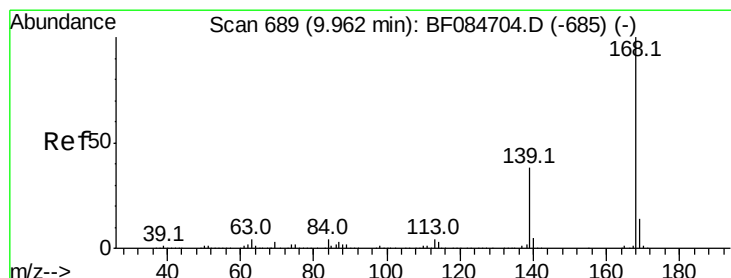
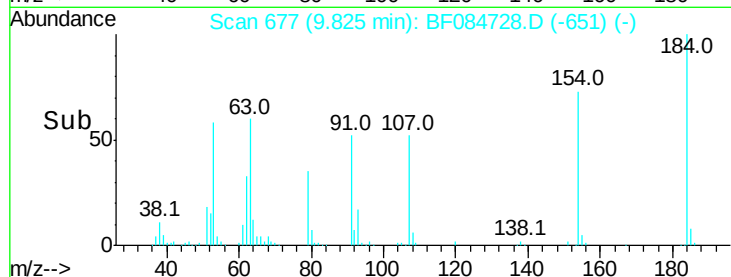
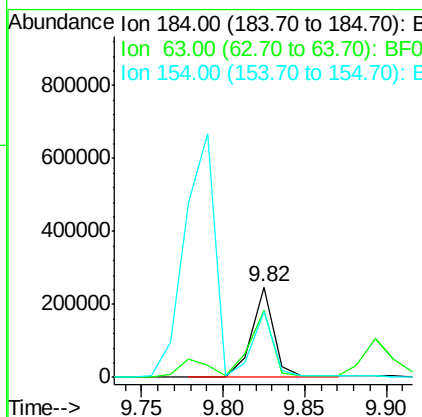
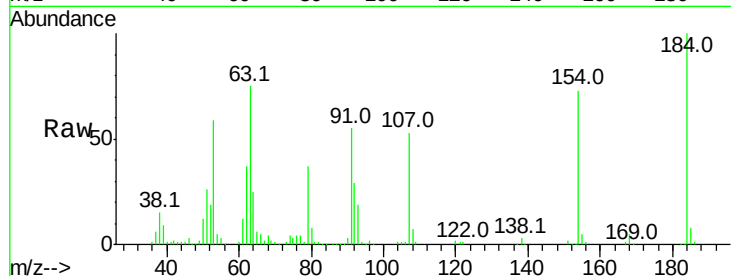
#53
 2,4-Dinitrophenol
 Concen: 92.13 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleID :
 PB88098BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	237153		
63	74.7	43.1	64.7#	
154	73.0	60.5	90.7	

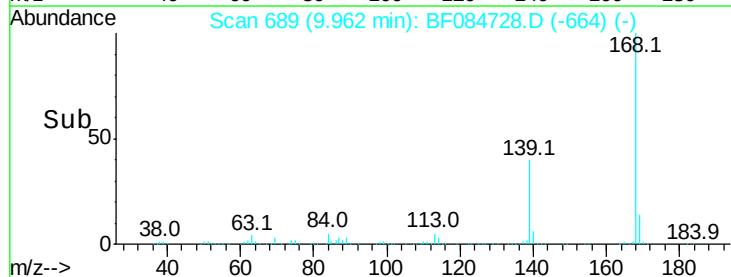
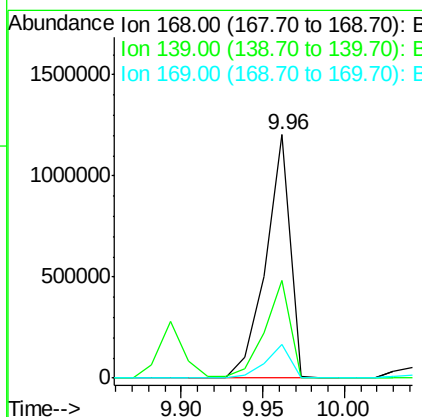
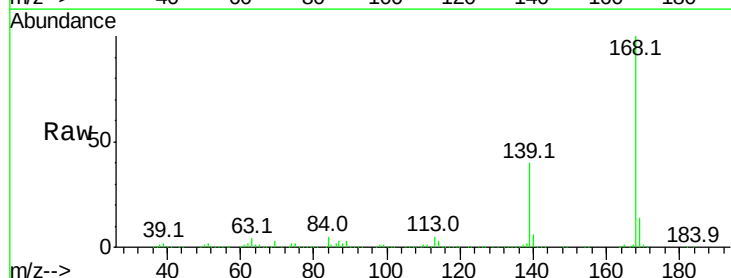
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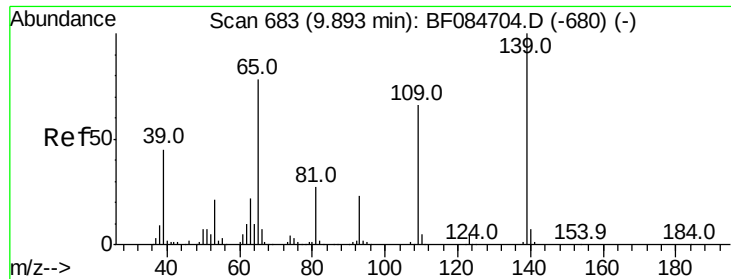
mohammad
 2/2/2016 4:18:22 PM



#54
 Dibenzofuran
 Concen: 47.39 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1247924		
139	40.1	30.5	45.7	
169	13.9	10.4	15.6	





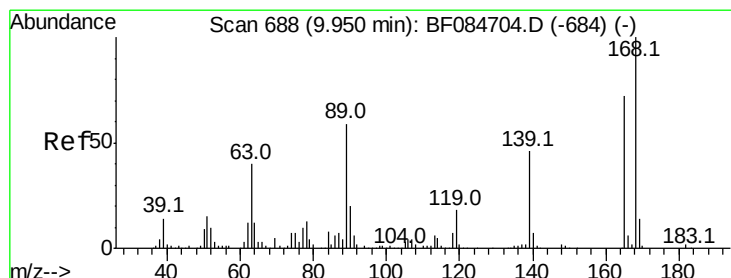
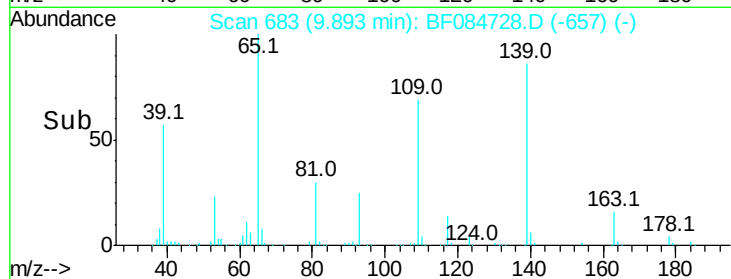
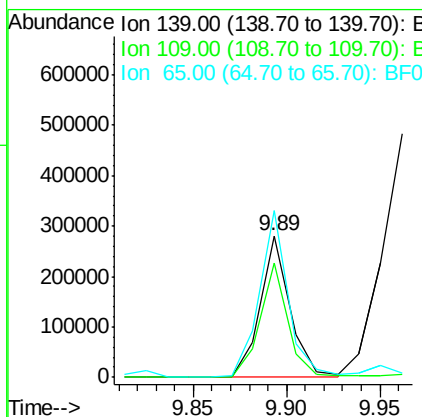
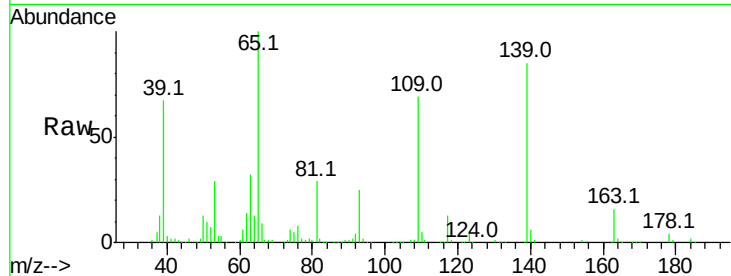
#55
4-Nitrophenol
Concen: 68.04 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.0	58.5	98.5	
65	117.9	57.6	97.6	

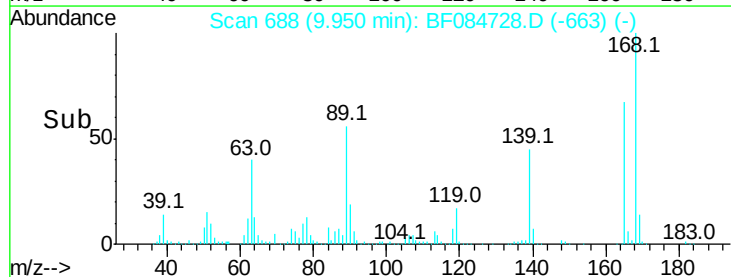
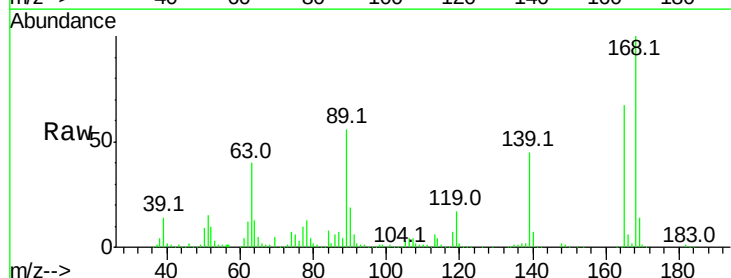
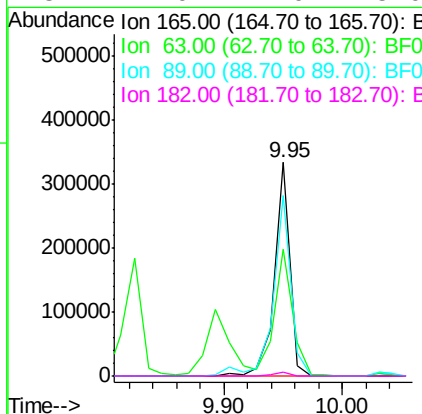
Manual Integrations
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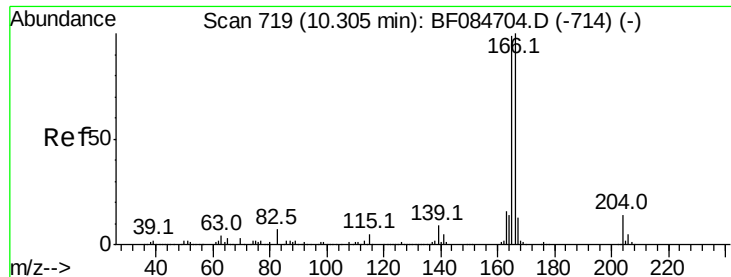
mohammad
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#56
2,4-Dinitrotoluene
Concen: 42.86 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.6	36.7	55.1	
89	84.2	61.9	92.9	
182	2.0	2.0	3.0	





#57

Fluorene

Concen: 42.86 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

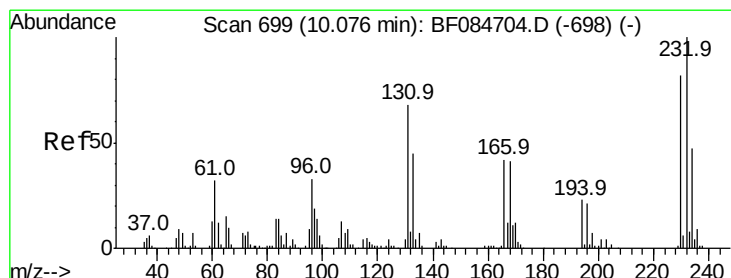
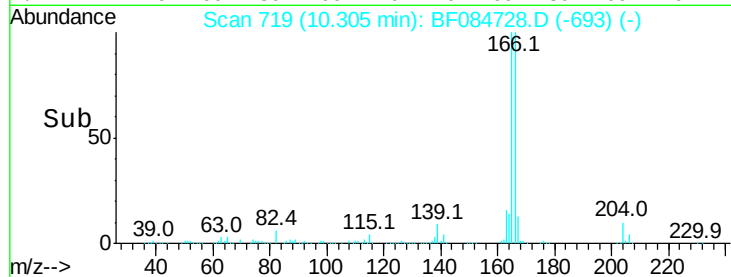
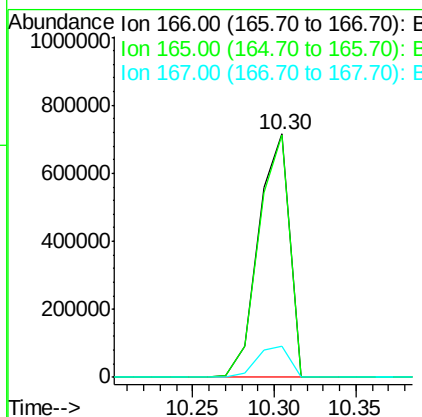
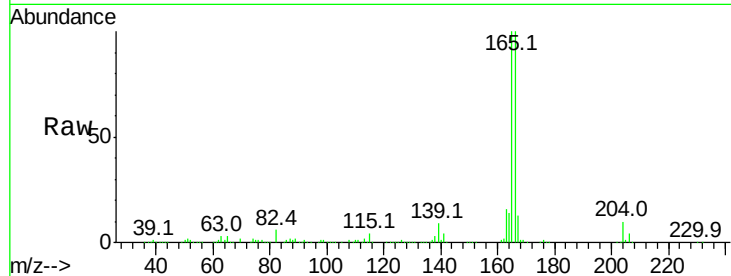
ClientSampleId :

PB88098BS

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Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.6	79.1	118.7	
167	12.8	10.4	15.6	



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.03 ng

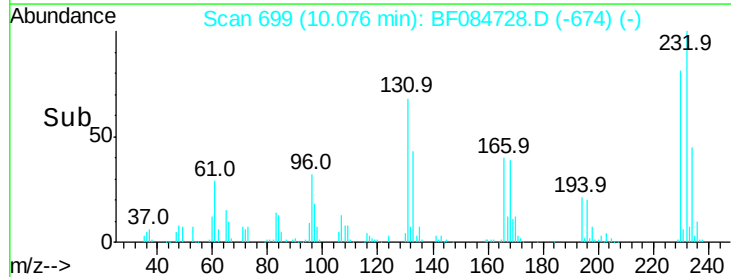
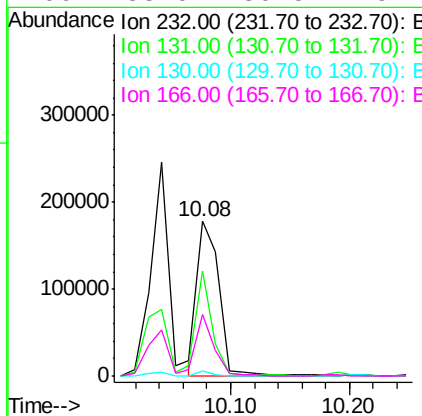
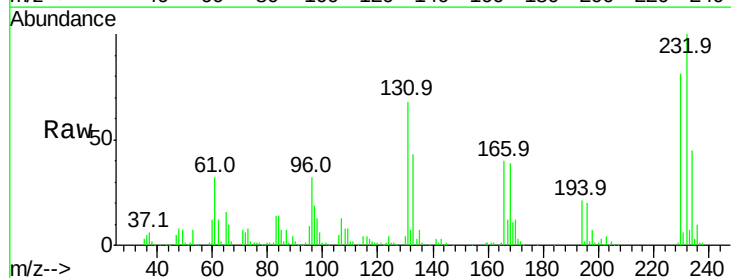
RT: 10.08 min Scan# 699

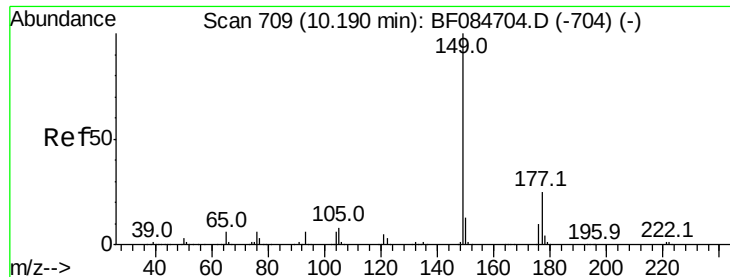
Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	52.9	47.0	70.6	
130	2.8	2.0	3.0	
166	33.0	30.5	45.7	





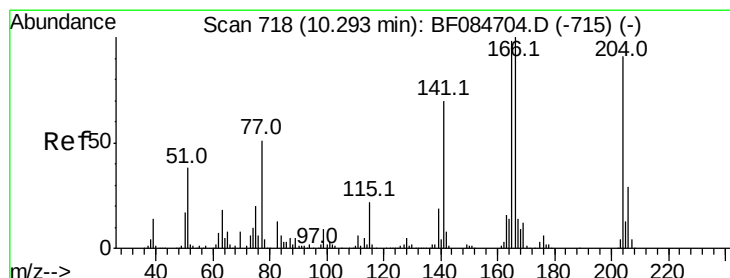
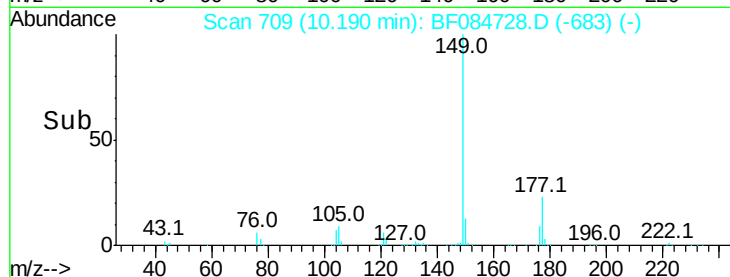
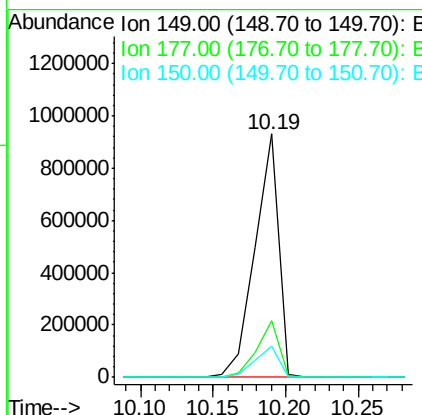
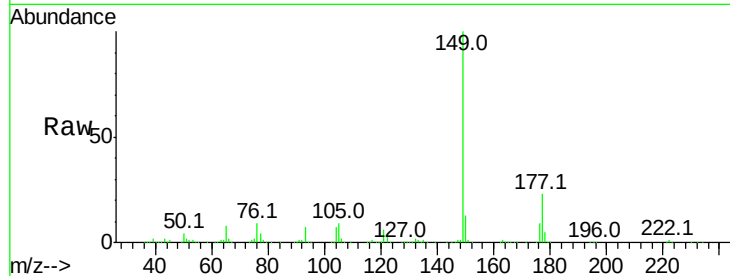
#59
Diethylphthalate
Concen: 42.72 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.3	25.9
150	12.7	9.8	14.8

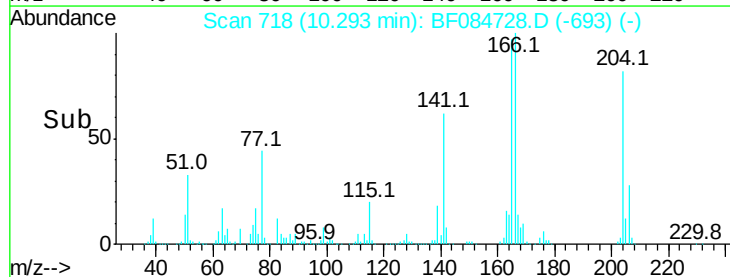
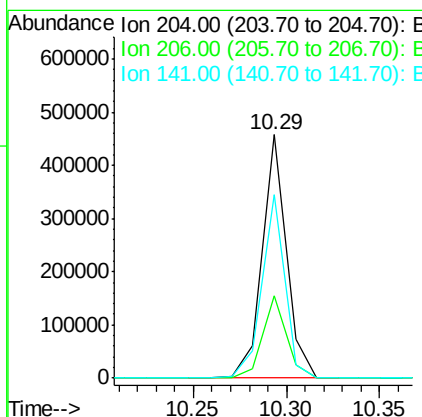
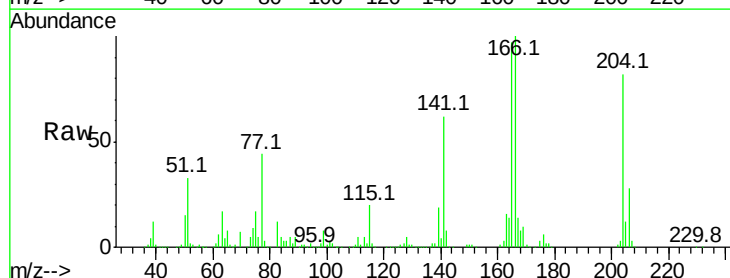
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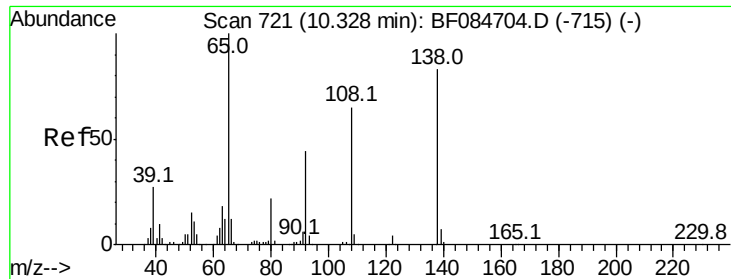
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.00 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.7	38.5
141	75.4	55.1	82.7





#61

4-Nitroaniline

Concen: 35.93 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

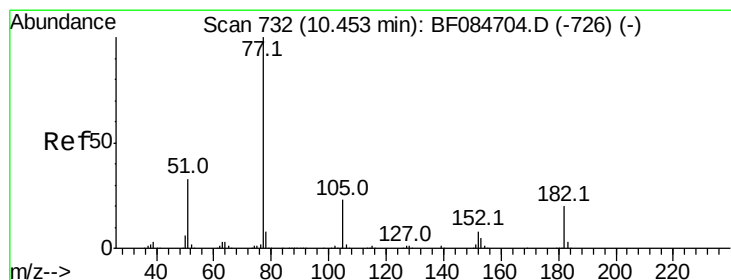
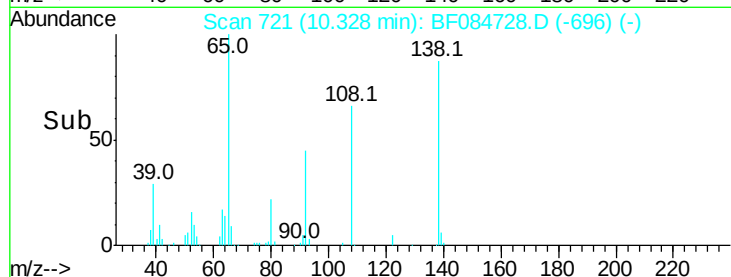
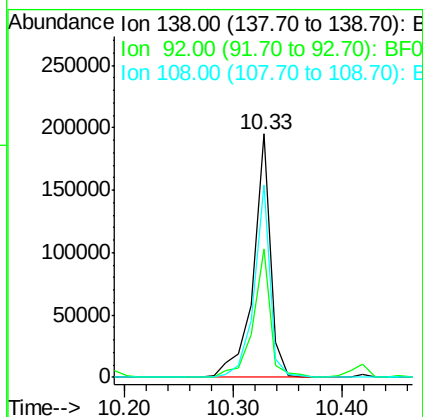
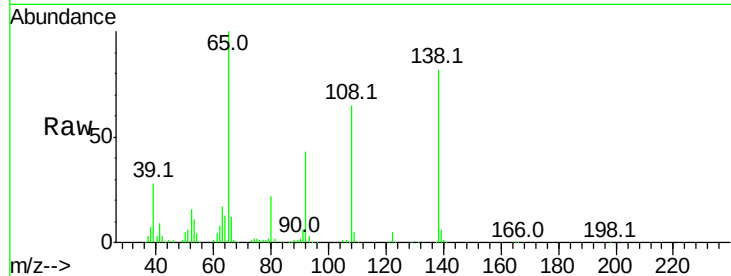
ClientSampleId :

PB88098BS

Tot Ion:	138	Resp:	217204
Ion Ratio	Lower	Upper	
138	100		
92	52.6	32.6	72.6
108	78.9	68.6	108.6

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#62

Azobenzene

Concen: 45.72 ng

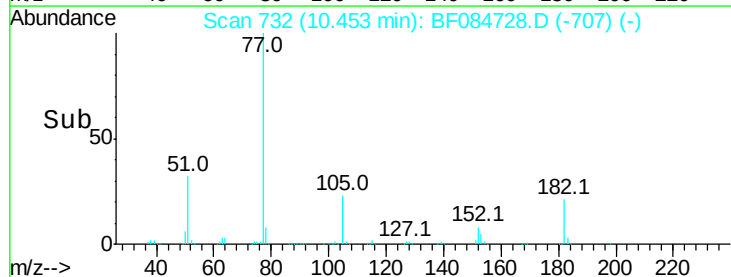
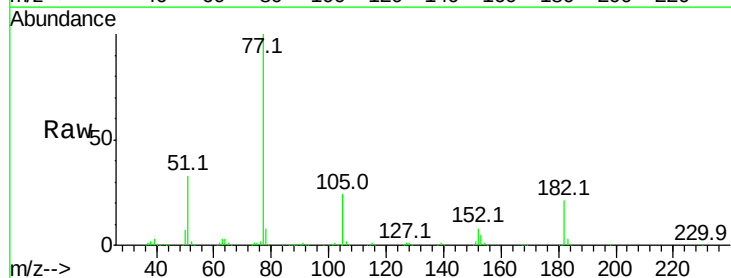
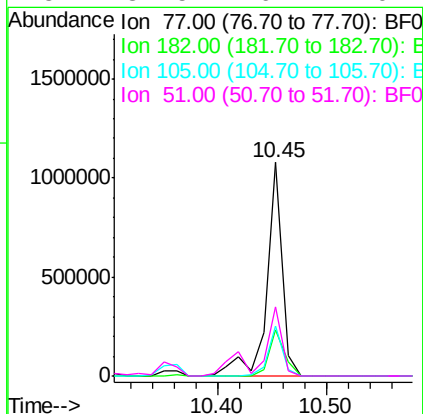
RT: 10.45 min Scan# 732

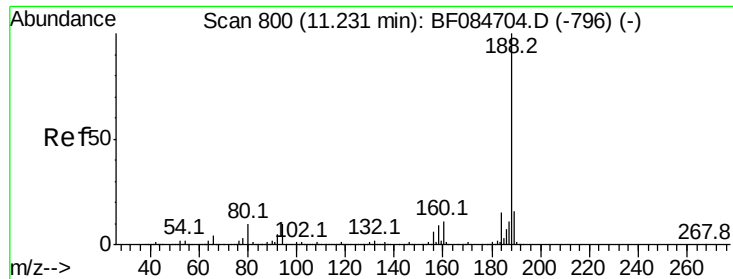
Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion:	77	Resp:	1084762
Ion Ratio	Lower	Upper	
77	100		
182	21.3	8.3	48.3
105	23.6	4.6	44.6
51	32.5	6.2	46.2





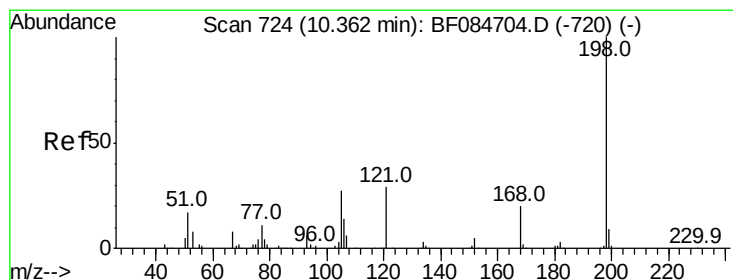
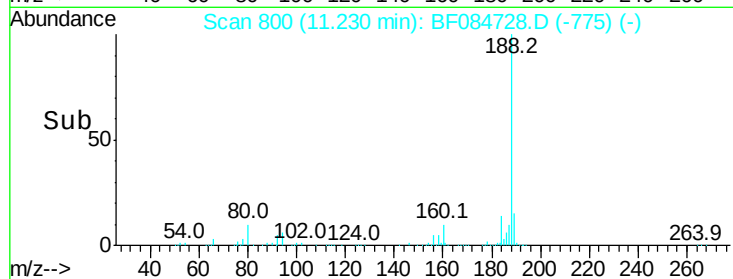
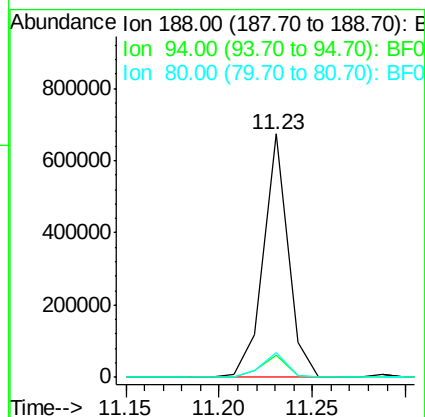
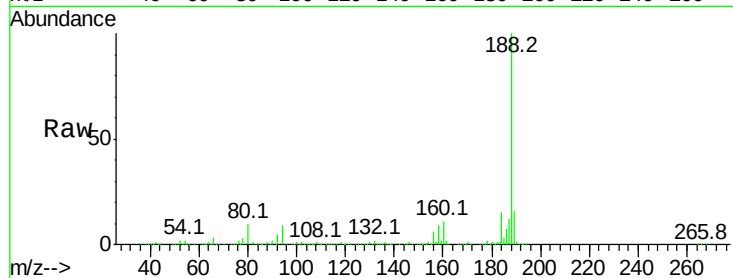
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.1	9.0	13.4
80	10.0	9.6	14.4

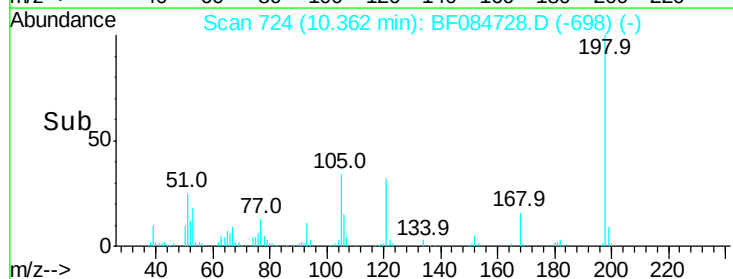
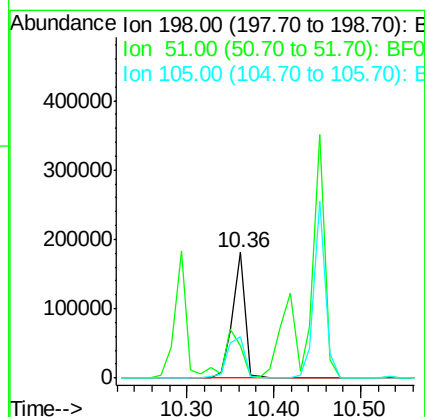
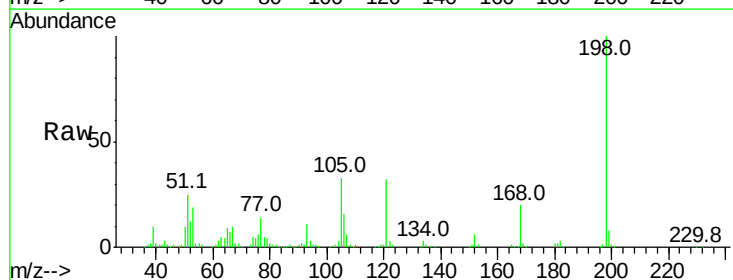
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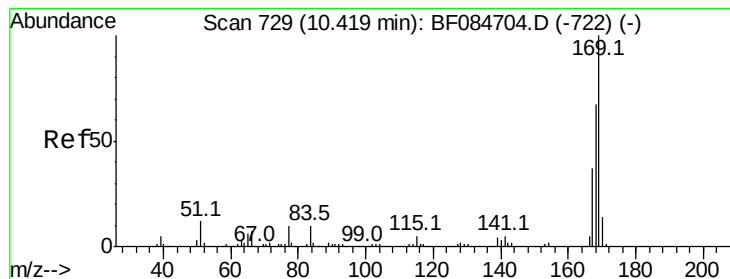
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.04 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	25.4	18.9	58.9
105	33.2	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 45.23 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

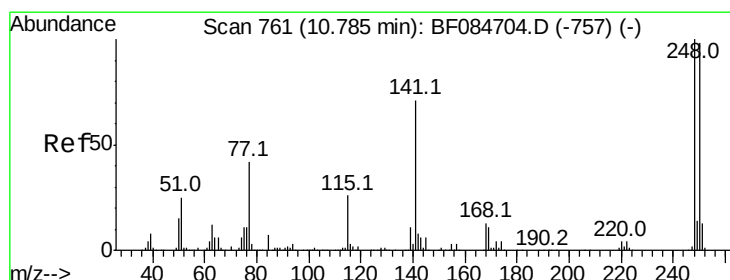
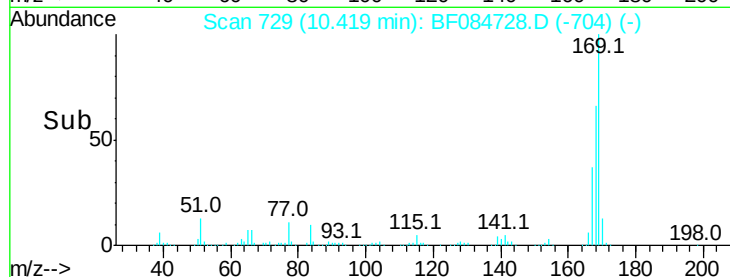
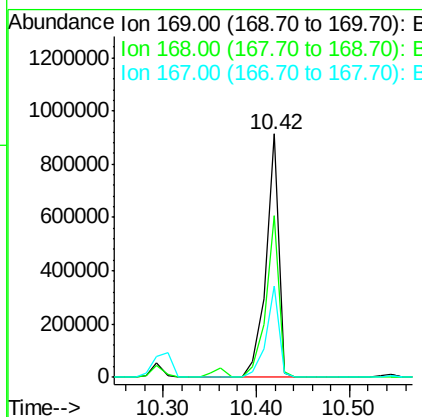
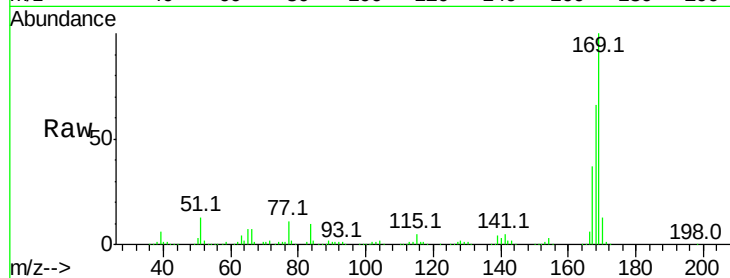
ClientSampleId :

PB88098BS

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Tot Ion:	169	Resp:	885575
Ion Ratio	Lower	Upper	
169	100		
168	66.3	55.1	82.7
167	37.4	30.0	45.0



#66

4-Bromophenyl-phenylether

Concen: 44.18 ng

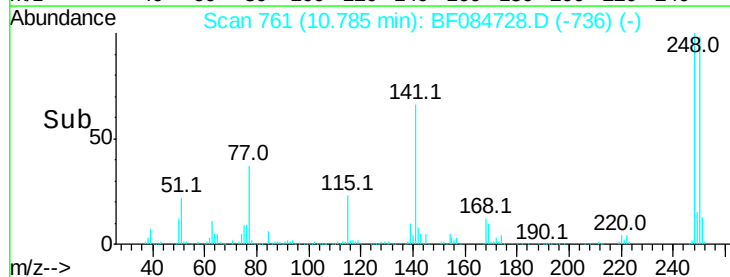
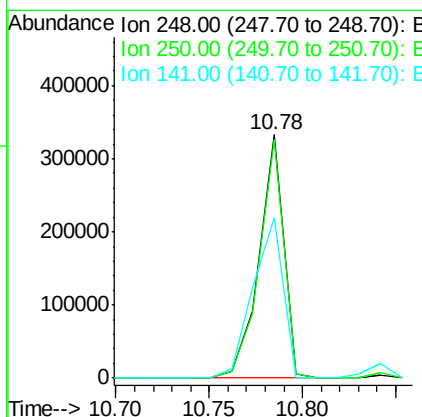
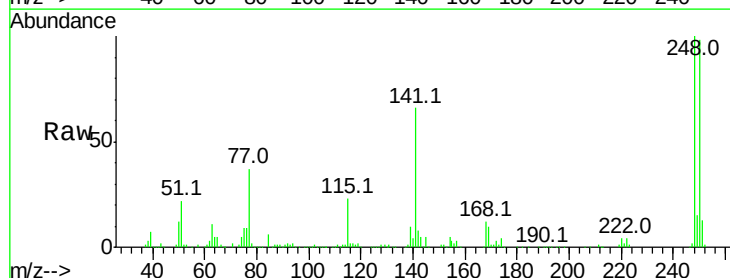
RT: 10.78 min Scan# 761

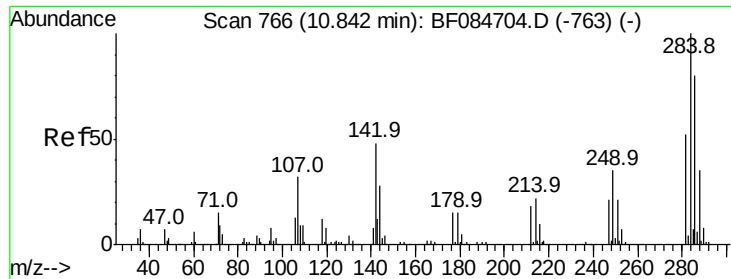
Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion:	248	Resp:	300857
Ion Ratio	Lower	Upper	
248	100		
250	98.1	78.4	117.6
141	65.8	44.0	66.0





#67

Hexachlorobenzene

Concen: 40.14 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

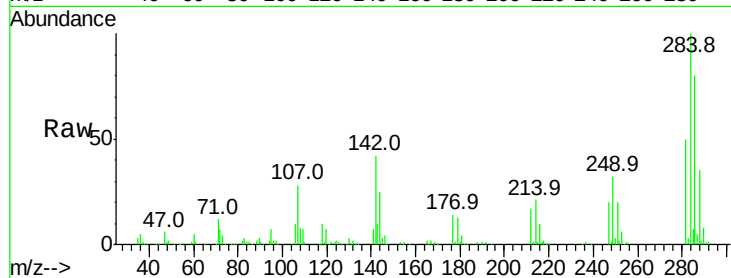
ClientSampleId :

PB88098BS

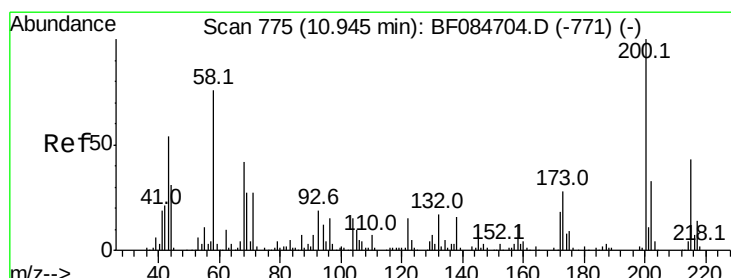
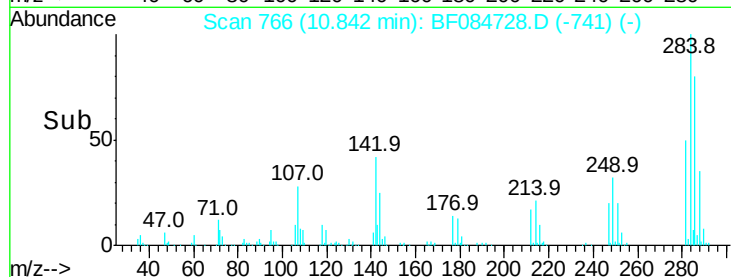
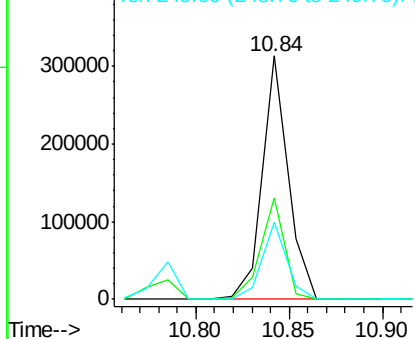
Tot Ion	Ratio	Resp	Lower	Upper
284	100	297883		
142	41.9	22.2	33.4#	
249	31.6	24.6	37.0	

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



#68

Atrazine

Concen: 40.15 ng

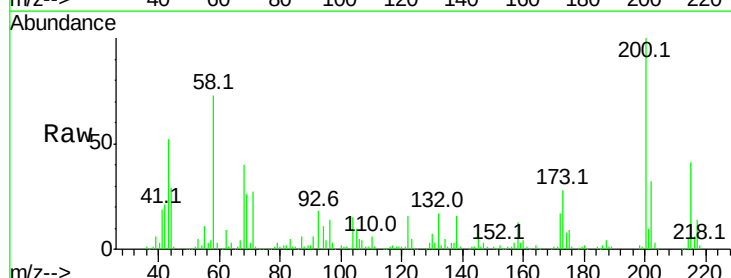
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

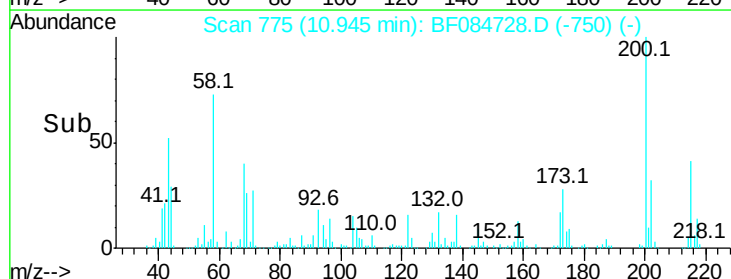
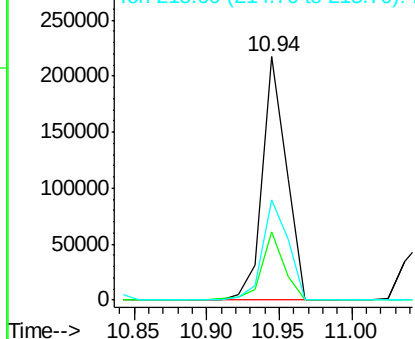
Lab File: BF084728.D

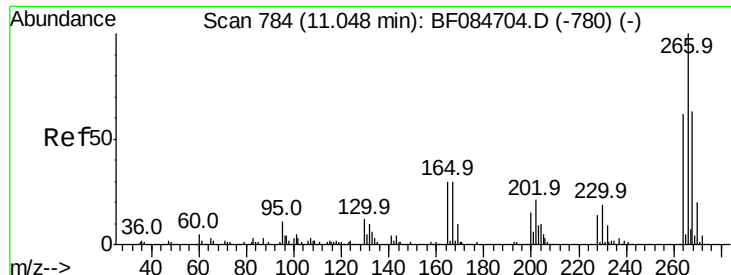
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	248232		
173	28.0	9.5	49.5	
215	41.0	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





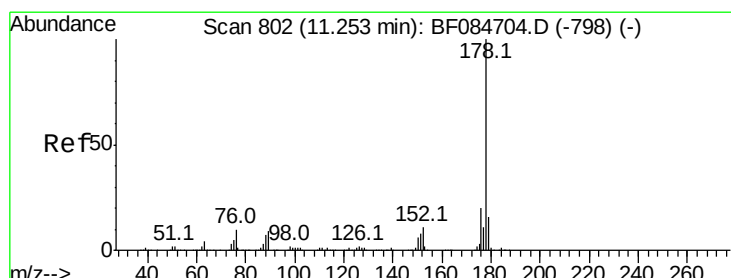
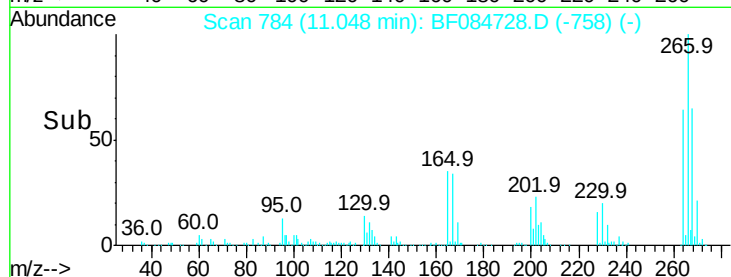
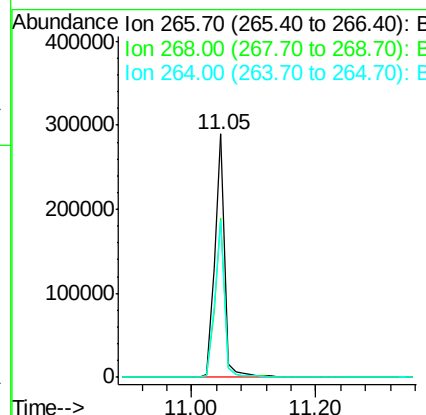
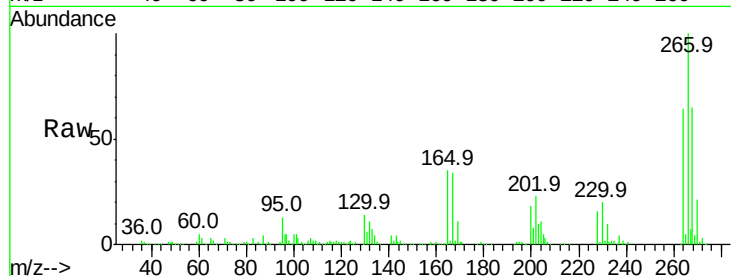
#69
 Pentachlorophenol
 Concen: 92.15 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	321389		
268	65.3		52.4	78.6
264	64.1		50.2	75.2

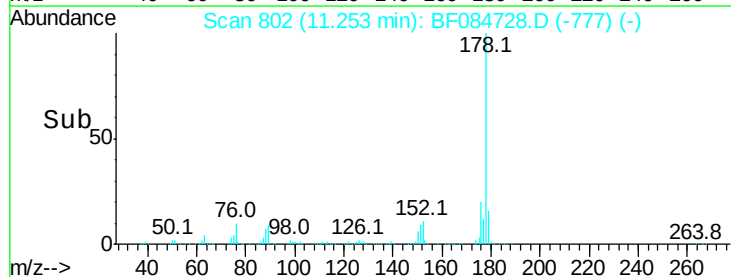
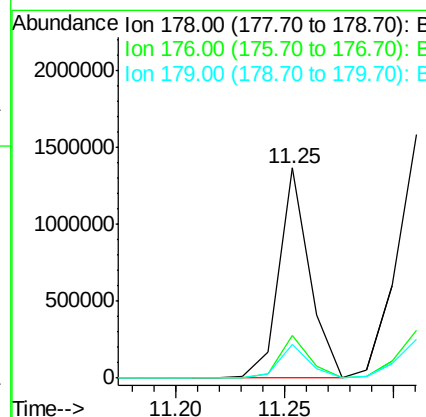
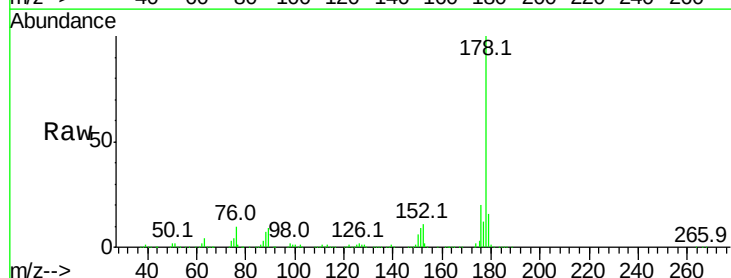
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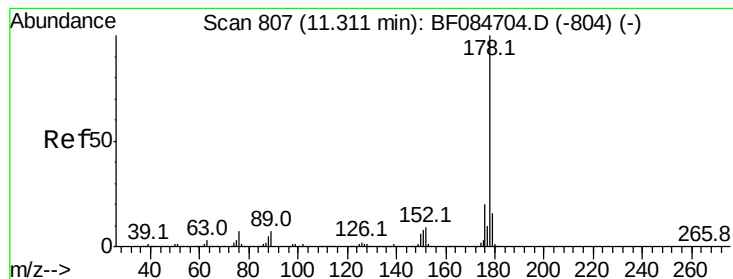
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#70
 Phenanthrene
 Concen: 39.26 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1342759		
176	20.4		15.3	22.9
179	16.3		12.0	18.0





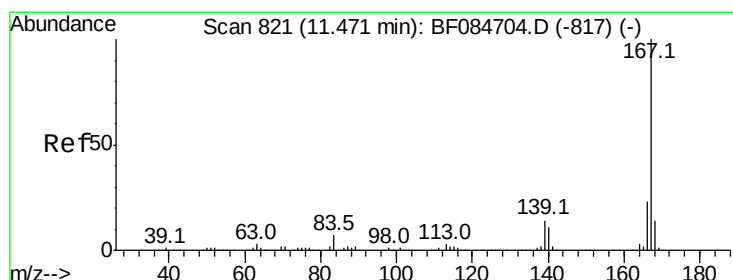
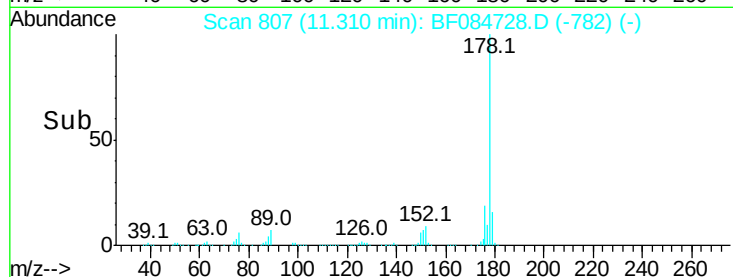
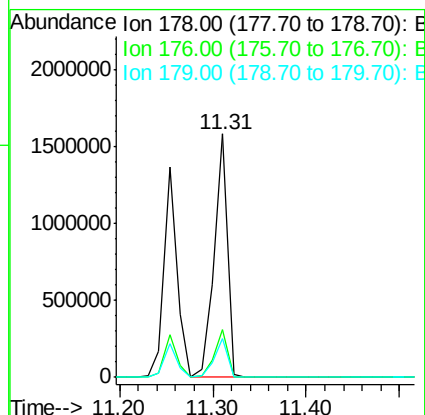
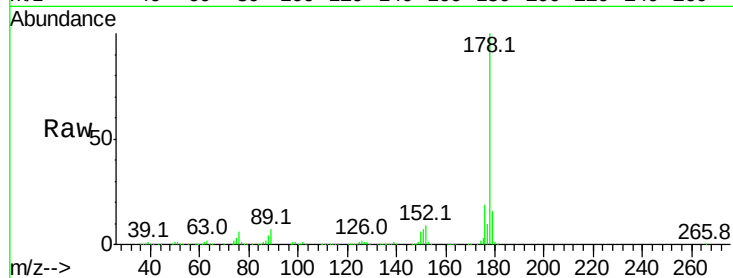
#71
 Anthracene
 Concen: 45.08 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

Tot Ion:178 Resp: 1553565
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.9 12.5 18.7

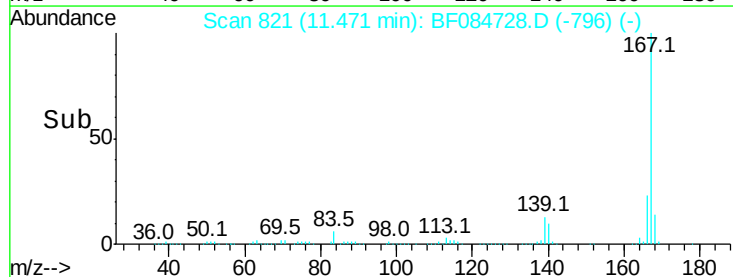
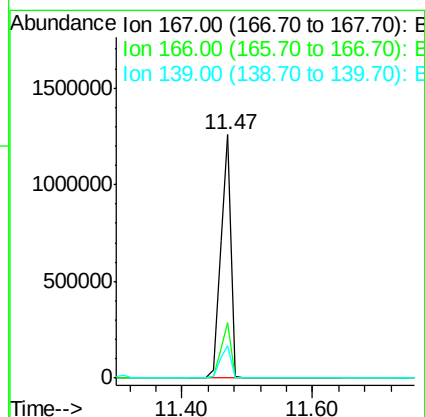
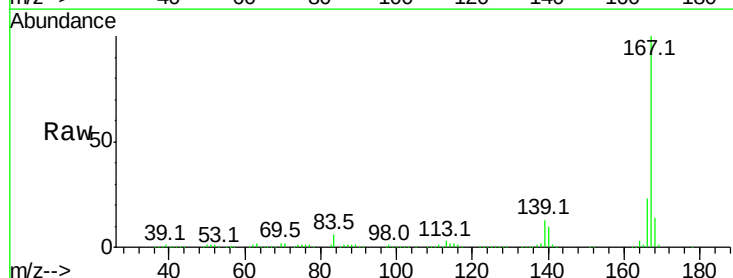
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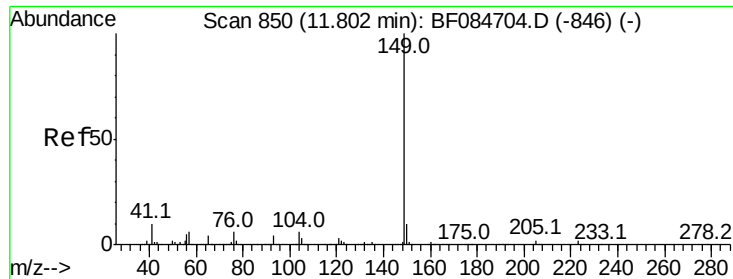
mohammad
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#72
 Carbazole
 Concen: 46.61 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion:167 Resp: 1400515
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.34 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

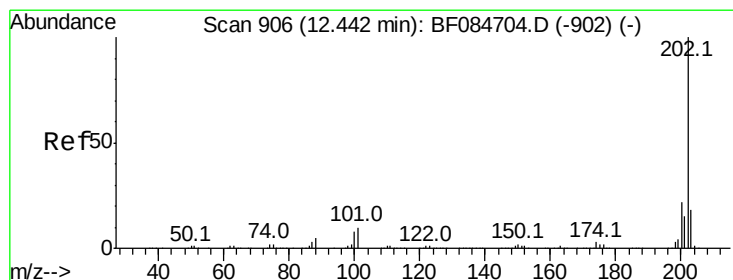
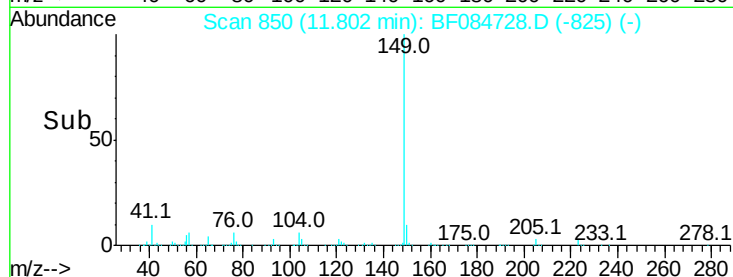
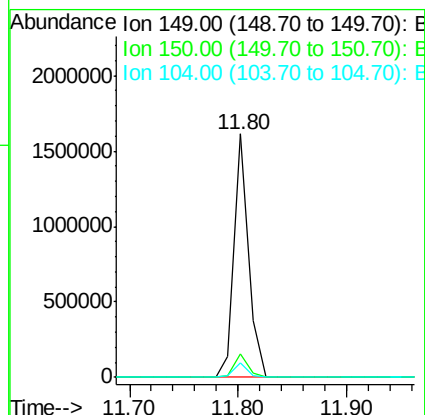
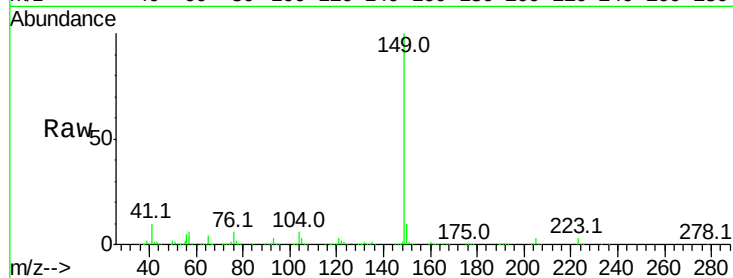
ClientSampleId :

PB88098BS

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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.1	10.7
104	6.0	3.2	4.8



#74

Fluoranthene

Concen: 46.36 ng

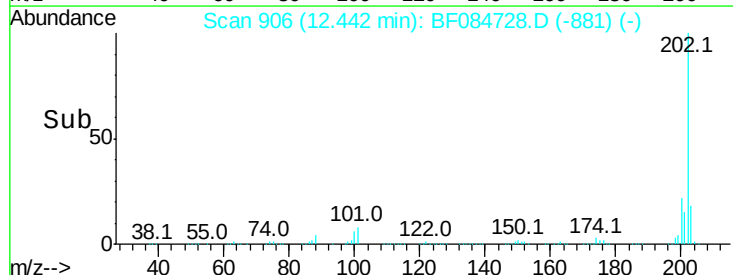
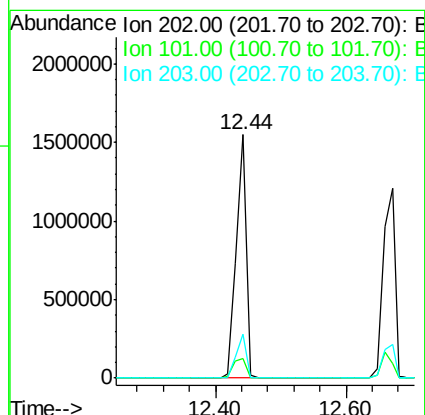
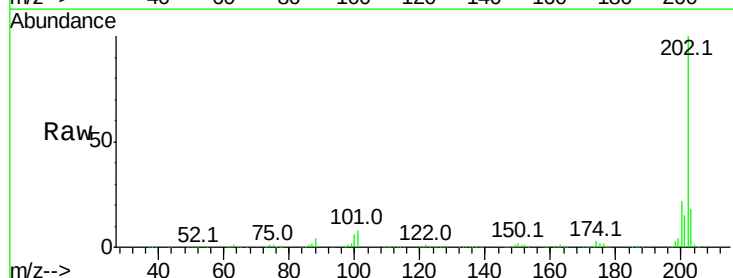
RT: 12.44 min Scan# 906

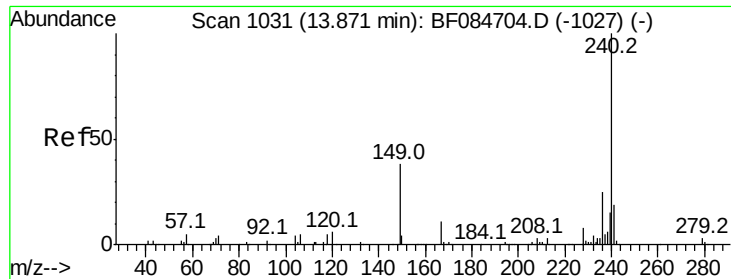
Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	32.8
203	18.2	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

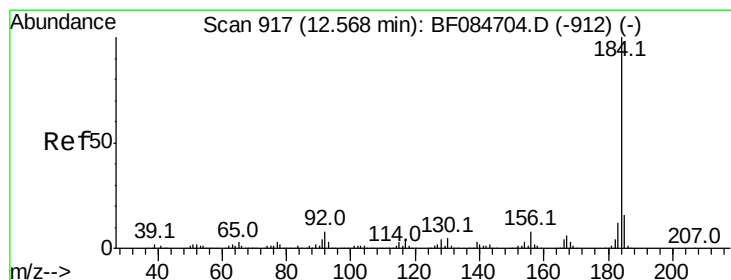
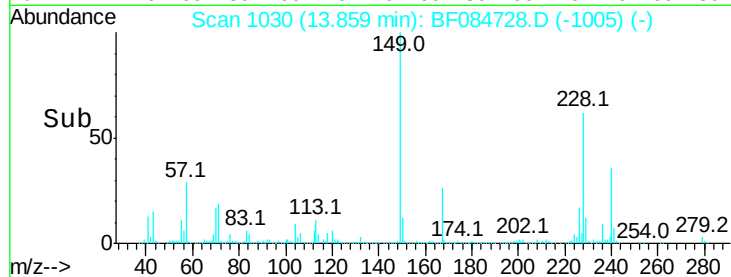
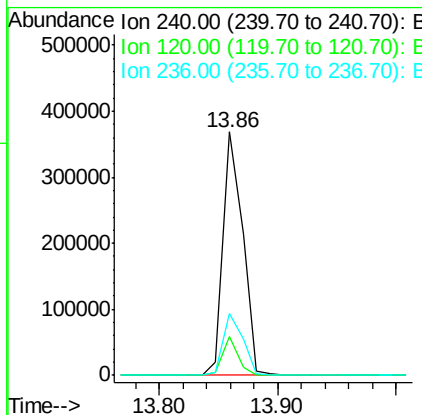
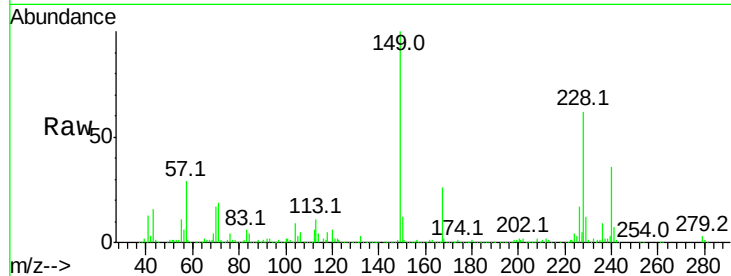
ClientSampleId :

PB88098BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	421359		
120	16.0	9.5	14.3#	
236	25.5	20.6	31.0	

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#76

Benzidine

Concen: 26.72 ng

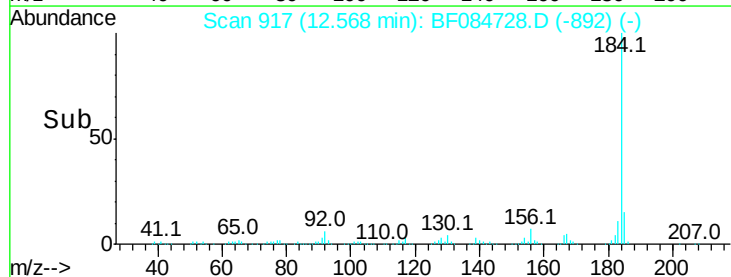
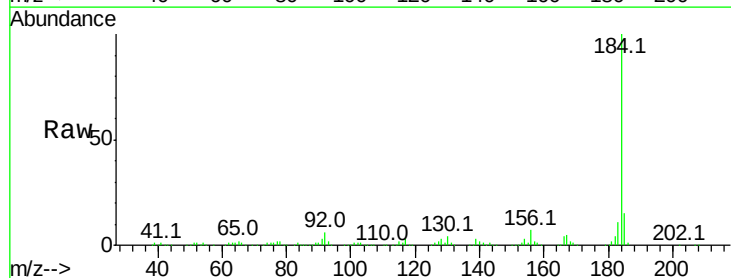
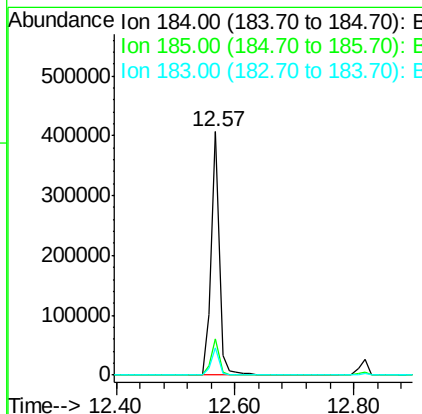
RT: 12.57 min Scan# 917

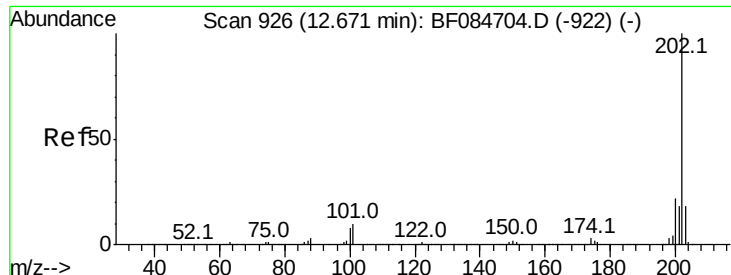
Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	391760		
185	15.0	12.2	18.2	
183	11.2	9.8	14.8	





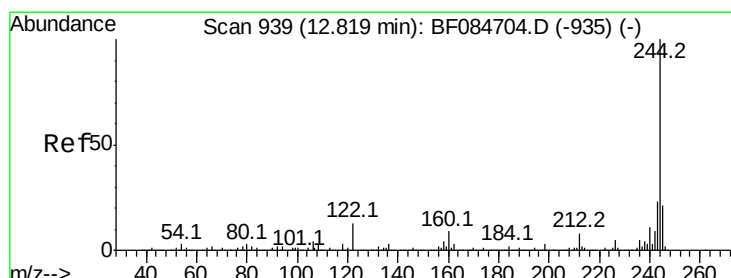
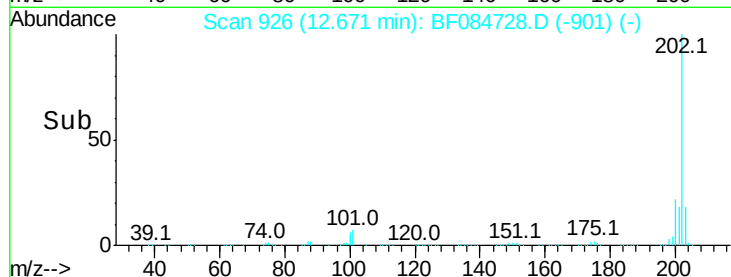
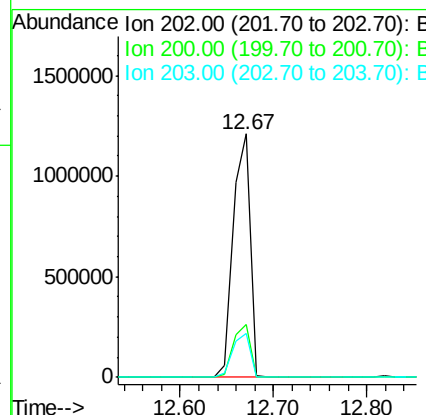
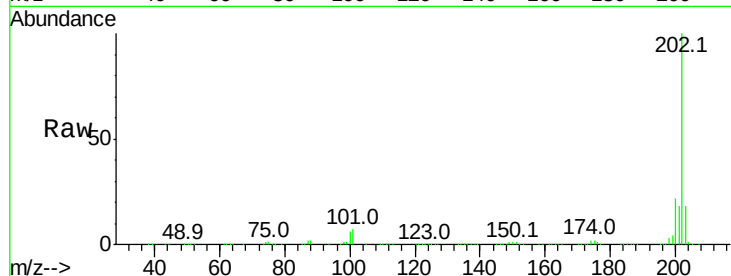
#77
Pvrene
Concen: 48.08 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	18.0	14.3	21.5

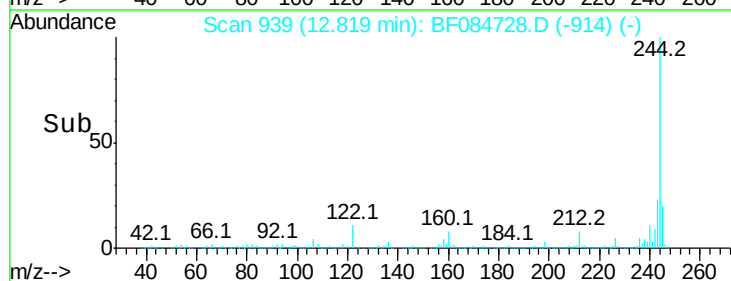
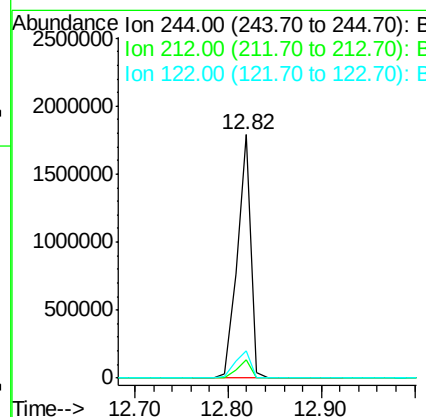
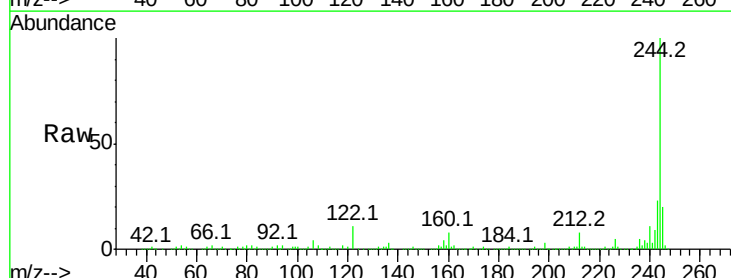
Manual Integrations
APPROVED

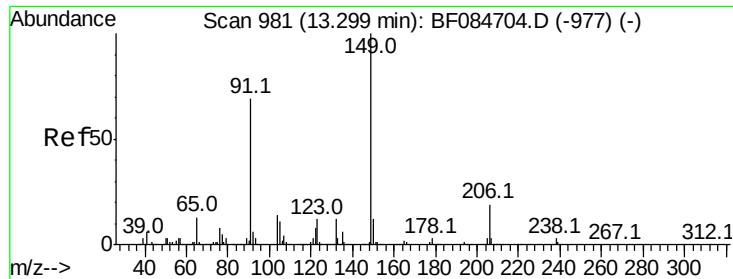
mohammad
2/2/2016 4:18:22 PM



#78
Terphenyl-d14
Concen: 97.33 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	11.4	7.4	11.0





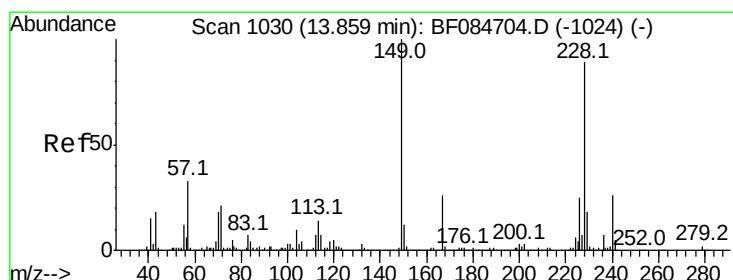
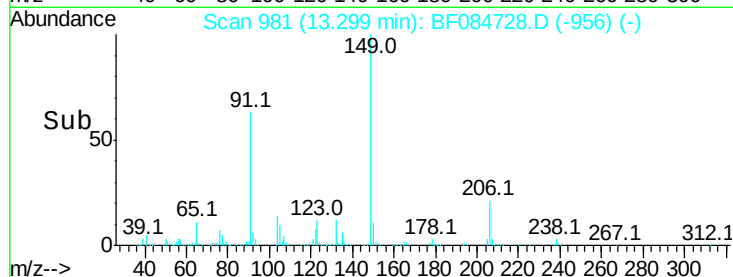
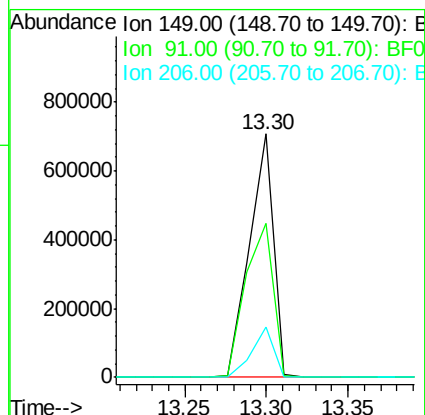
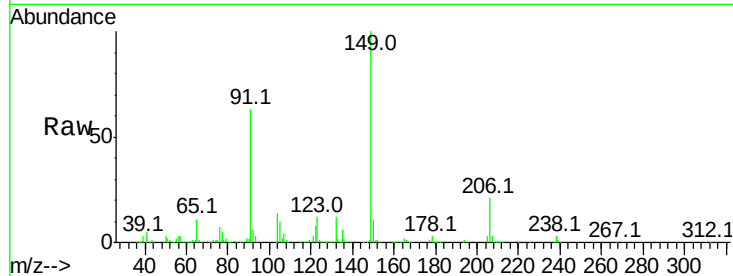
#79
Butylbenzylphthalate
Concen: 49.47 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampleId :
PB88098BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	724046		
91	63.0	57.6	86.4	
206	20.6	13.2	19.8	

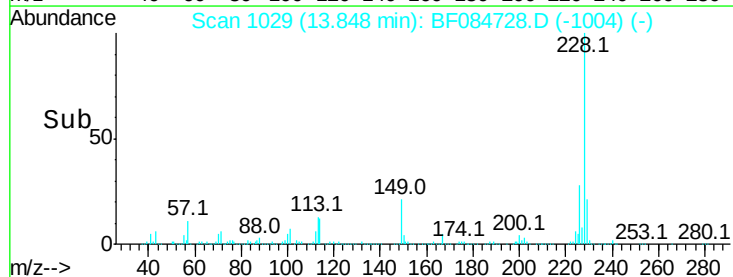
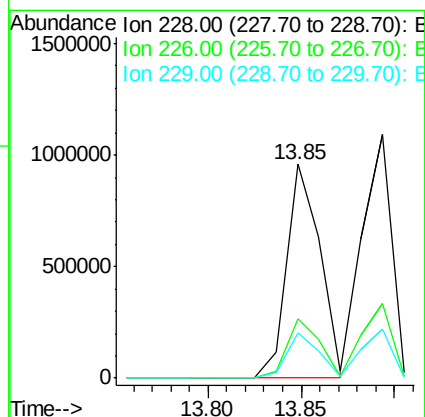
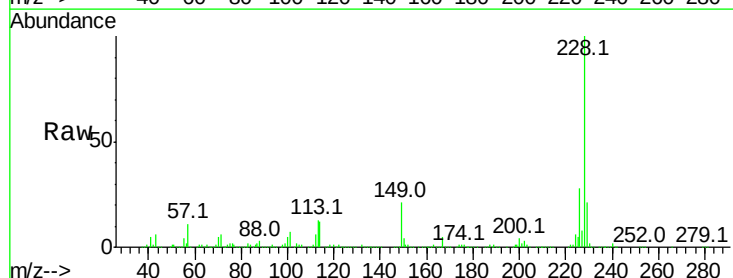
Manual Integrations
APPROVED

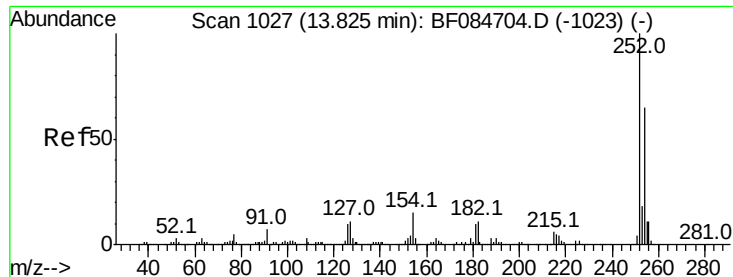
mohammad
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#80
Benzo(a)anthracene
Concen: 45.60 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1192444		
226	27.9	21.8	32.6	
229	21.0	15.8	23.8	





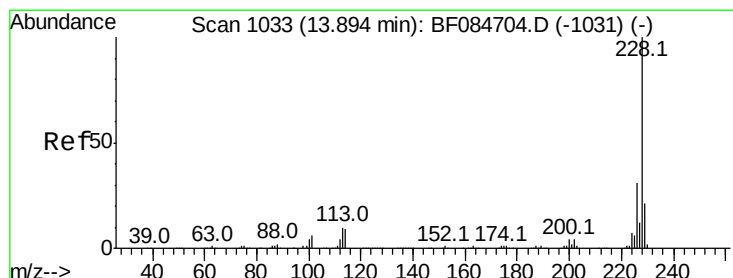
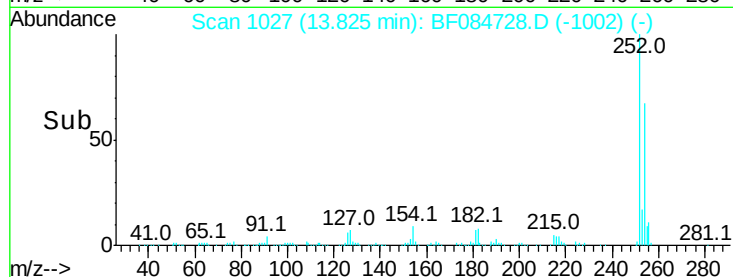
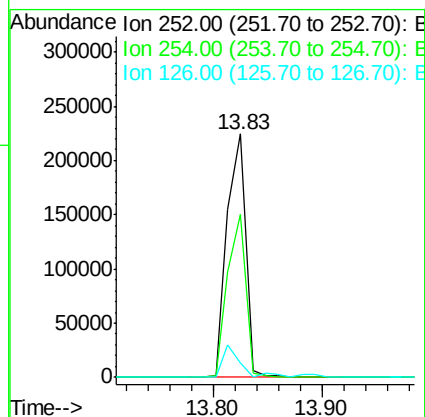
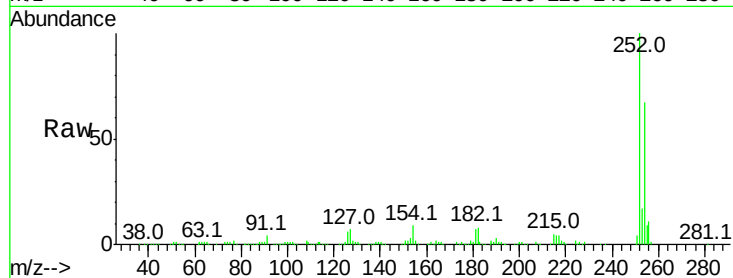
#81
 3,3'-Dichlorobenzidine
 Concen: 29.13 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	67.1	53.5	80.3
126	6.0	4.9	7.3

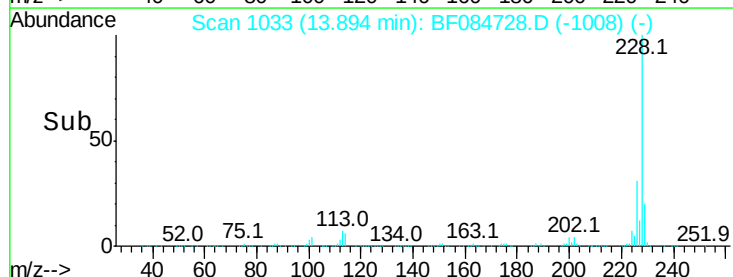
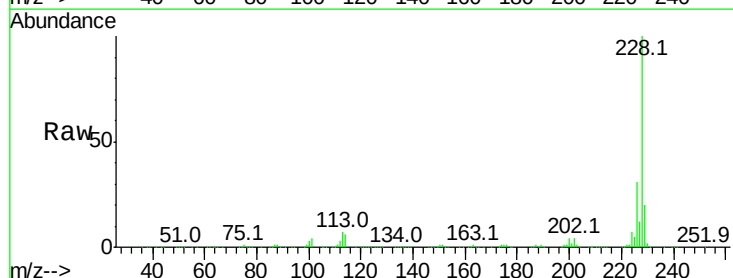
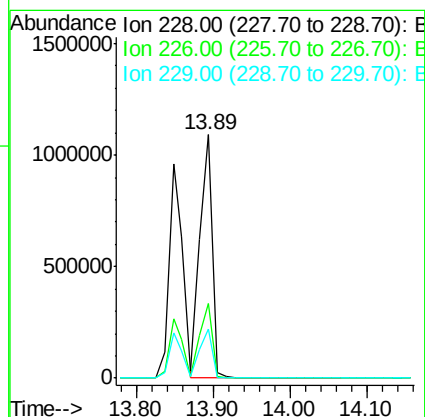
Manual Integrations
 APPROVED

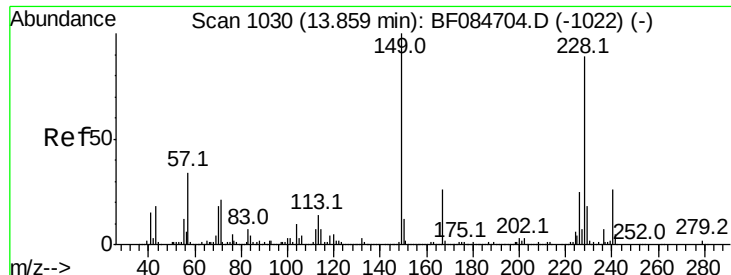
mohammad
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#82
 Chrysene
 Concen: 47.75 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.3	36.5
229	20.1	16.1	24.1





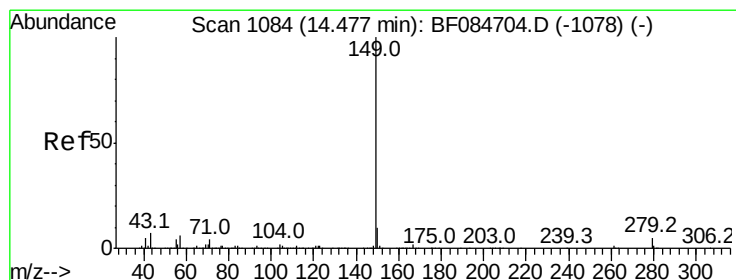
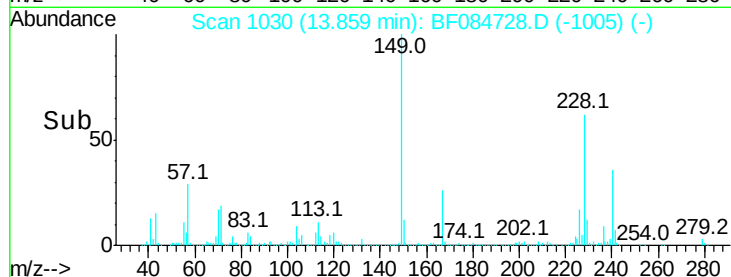
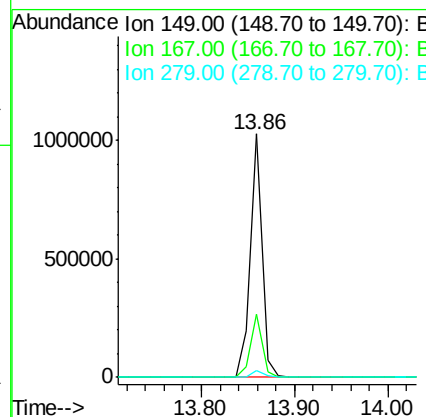
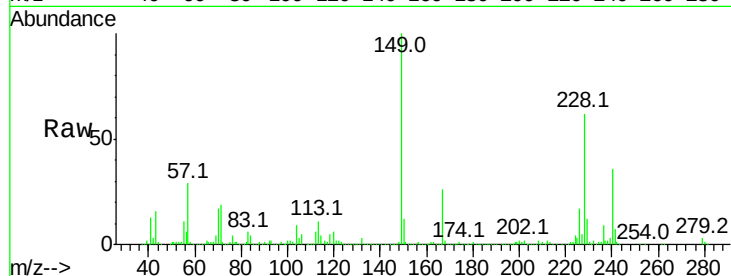
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.40 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.9	19.7	29.5	
279	2.8	1.8	2.6	

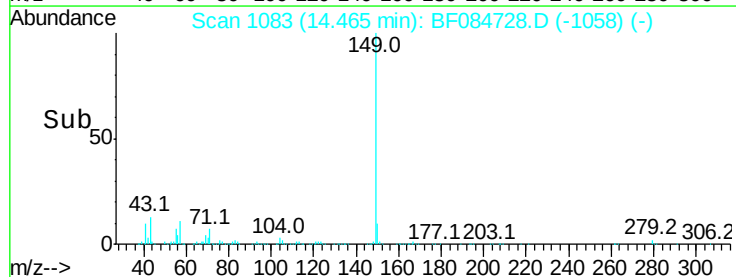
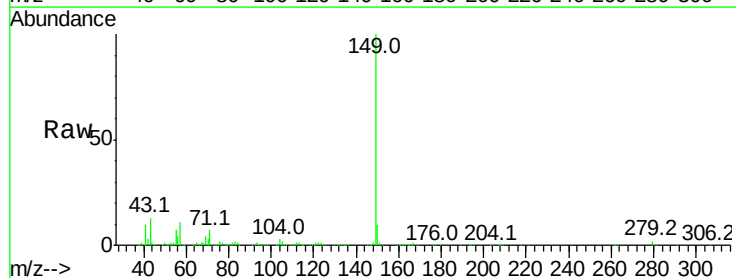
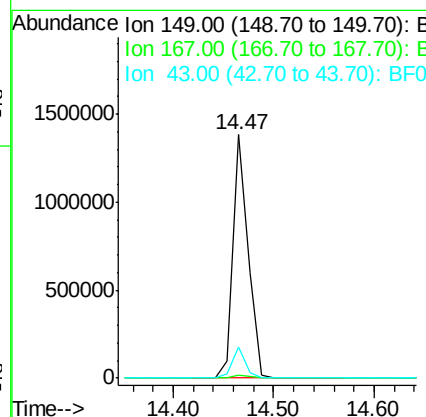
Manual Integrations
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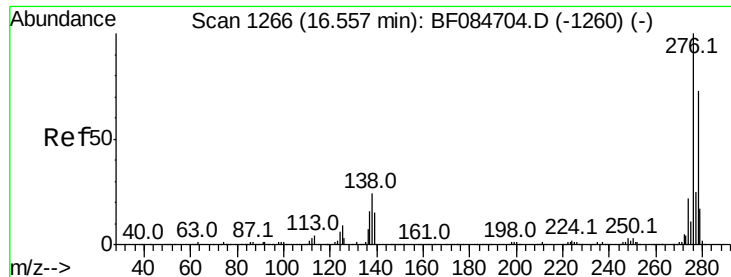
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 47.96 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

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





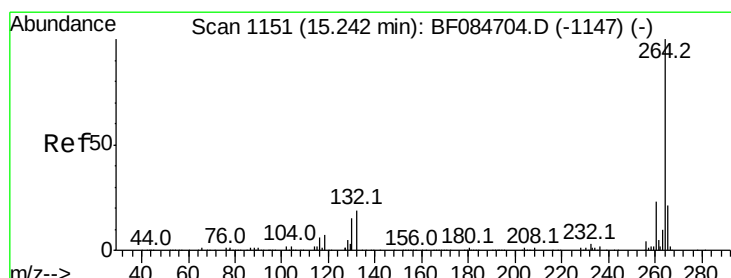
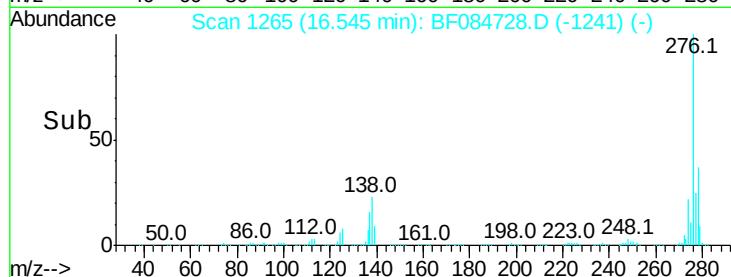
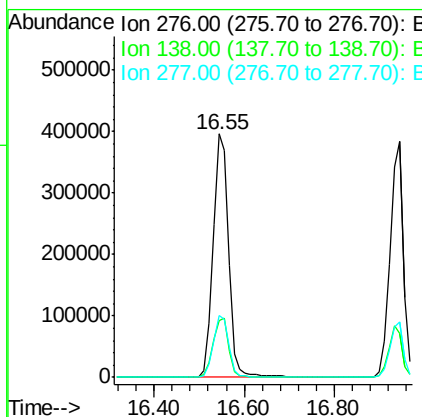
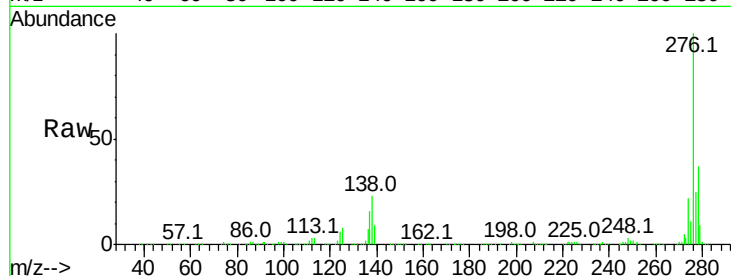
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.76 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Instrument :
BNA_F
ClientSampled :
PB88098BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	953326		
138	24.6	20.6	30.8	
277	25.2	20.1	30.1	

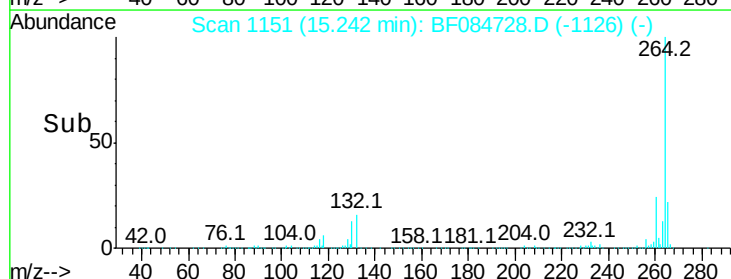
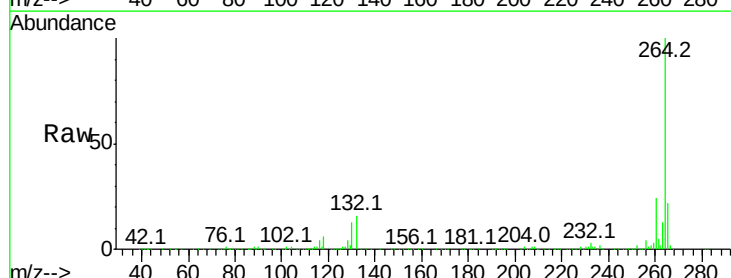
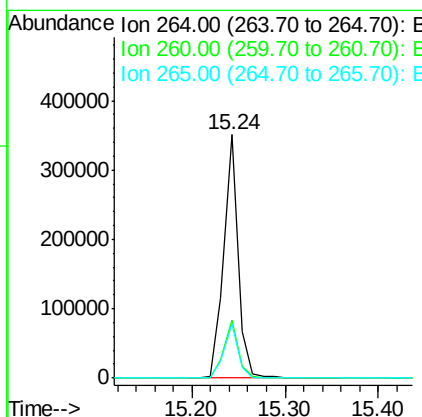
Manual Integrations
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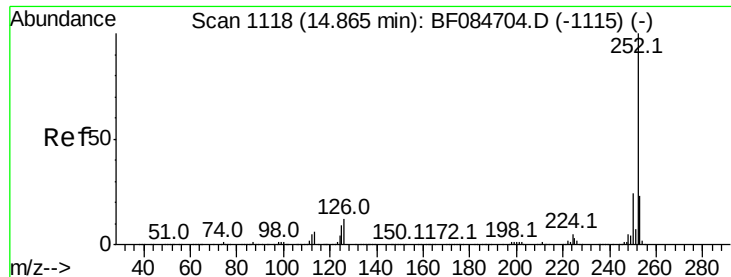
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084728.D
Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	378069		
260	23.7	19.4	29.2	
265	22.3	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 46.17 ng m

RT: 14.87 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

ClientSampleId :

PB88098BS

Tot Ion:252 Resp: 1172868

Ion Ratio Lower Upper

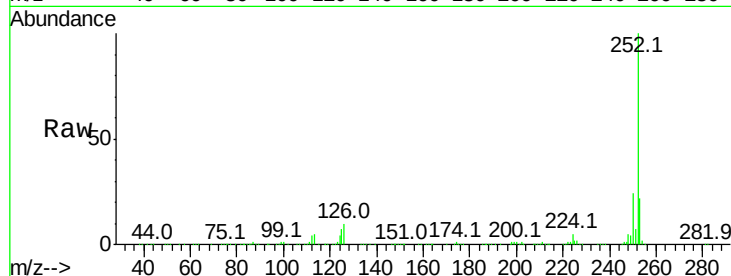
252 100

253 22.4 17.3 25.9

125 7.4 6.5 9.7

Manual Integrations
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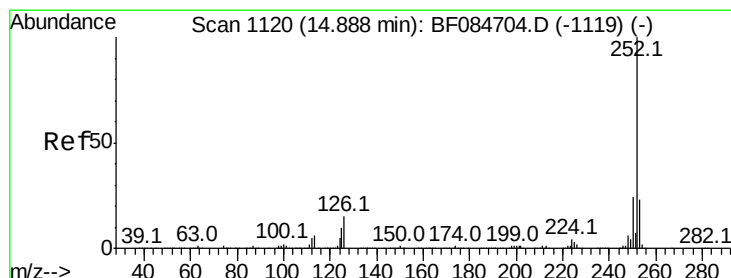
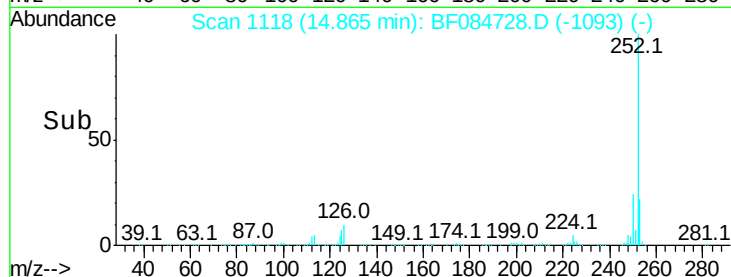
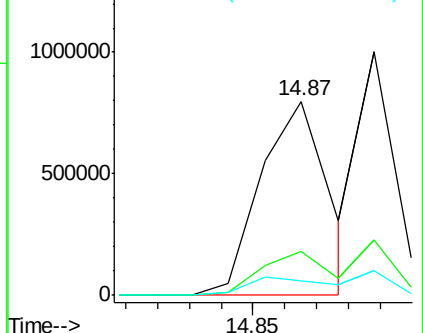
mohammad
2/2/2016 4:18:22 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.49 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

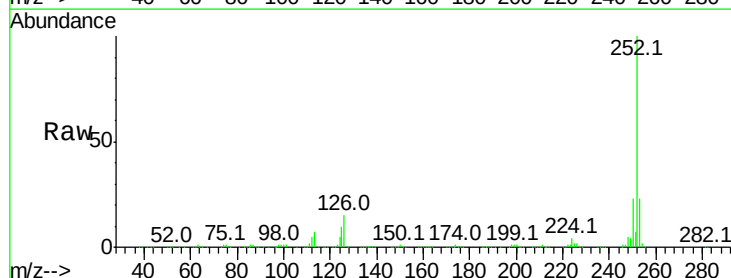
Tgt Ion:252 Resp: 829424

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

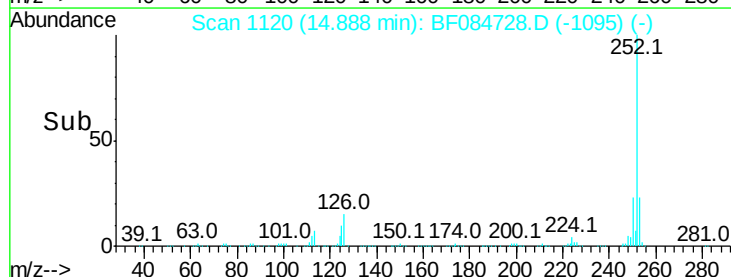
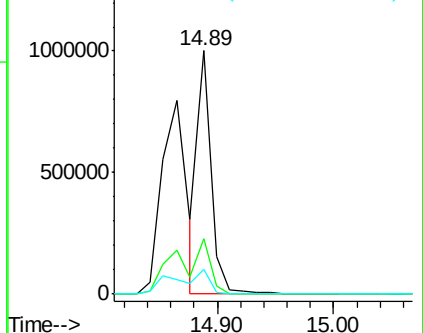
125 10.0 9.0 13.6

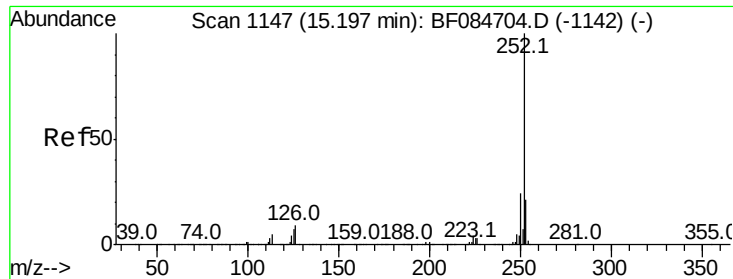


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.07 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Instrument :

BNA_F

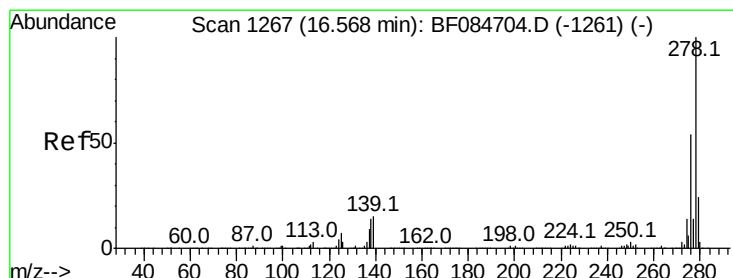
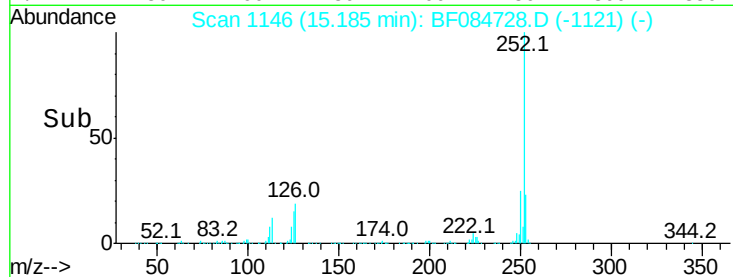
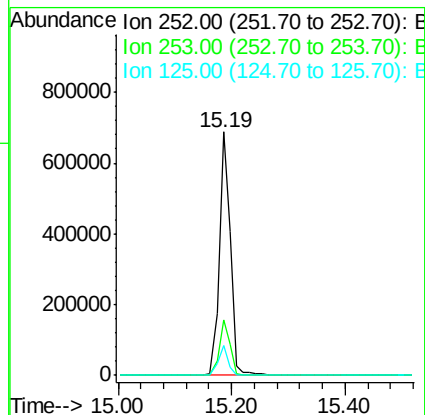
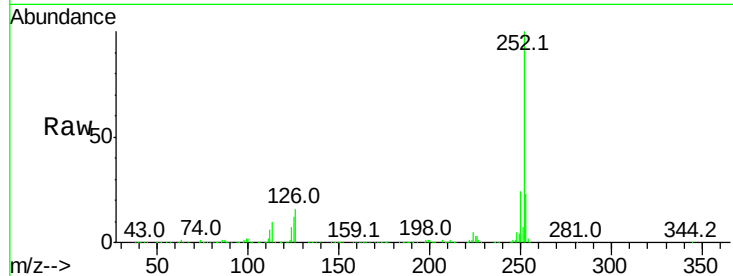
ClientSampleId :

PB88098BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.1	7.0	10.4

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#90

Dibenzo(a,h)anthracene

Concen: 42.72 ng

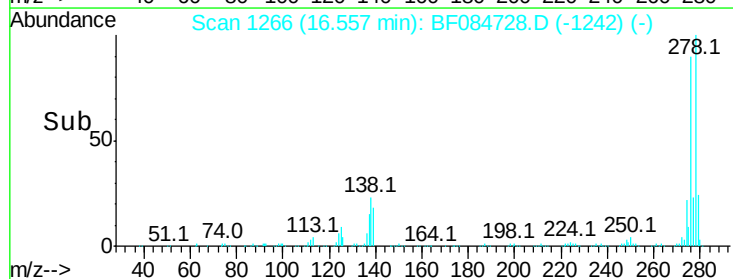
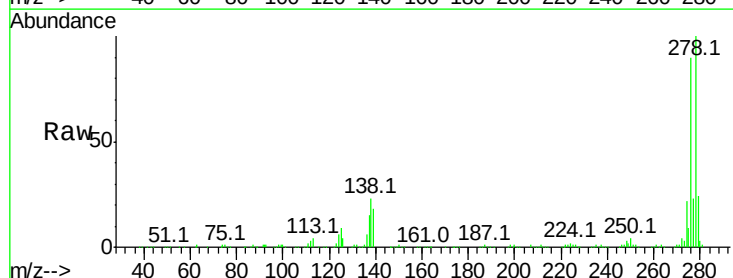
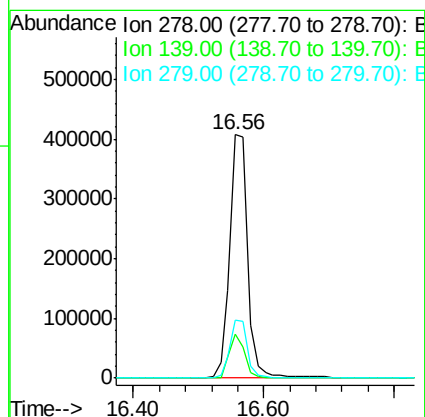
RT: 16.56 min Scan# 1266

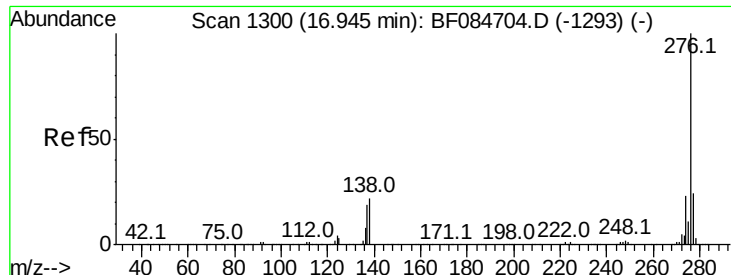
Delta R.T. -0.02 min

Lab File: BF084728.D

Acq: 2 Feb 2016 00:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.0	22.4
279	23.9	18.9	28.3





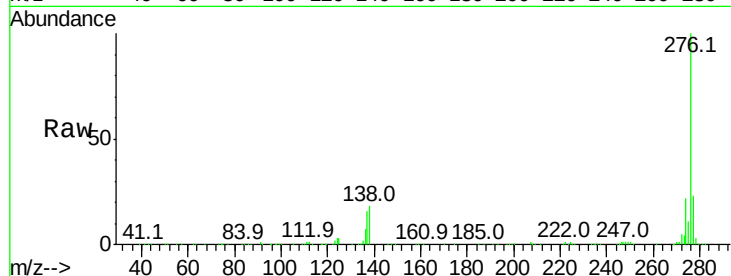
#91
 Benzo(a,h,i)perylene
 Concen: 43.74 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF084728.D
 Acq: 2 Feb 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BS

Tot Ion:	276	Resp:	802805
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	18.5	17.8	26.6

Manual Integrations
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 2/2/2016 4:18:22 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

