

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084732.D
 Acq On : 2 Feb 2016 1:55
 Operator : SJ/IZ
 Sample : H1294-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:18:37 PM

Quant Time: Feb 02 04:02:35 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	159025	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	627555	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	302004	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	588211	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	405795	20.00	ng	-0.01
86) Perylene-d12	15.24	264	341197	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1193249	116.88	ng	0.00
7) Phenol-d6	6.36	99	1601770	126.55	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1081841	97.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	448904	142.50	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1735320	105.07	ng	-0.01
78) Terphenyl-d14	12.82	244	1640822	91.63	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	148629	33.24	ng	# 76
3) Pyridine	2.93	79	429648	36.87	ng	# 75
4) n-Nitrosodimethylamine	2.89	42	221528	36.76	ng	# 82
6) Aniline	6.37	93	438592	28.32	ng	# 56
8) 2-Chlorophenol	6.50	128	470952	40.75	ng	96
9) Benzaldehyde	6.26	77	197998	26.49	ng	86
10) Phenol	6.37	94	454933	32.08	ng	# 50
11) bis(2-Chloroethyl)ether	6.45	93	407240m	36.83	ng	
12) 1,3-Dichlorobenzene	6.65	146	444681m	36.42	ng	
13) 1,4-Dichlorobenzene	6.73	146	450310	36.89	ng	97
14) 1,2-Dichlorobenzene	6.89	146	408263m	35.91	ng	
15) Benzyl Alcohol	6.86	79	378847	43.35	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.00	45	685369	36.85	ng	86
17) 2-Methylphenol	6.99	107	365034	39.94	ng	93
18) Hexachloroethane	7.22	117	172027	36.60	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	323736	40.80	ng	# 80
20) 3+4-Methylphenols	7.14	107	430245	37.93	ng	# 81
22) Acetophenone	7.13	105	622775	37.65	ng	99
24) Nitrobenzene	7.30	77	435191	36.48	ng	95
25) Isophorone	7.54	82	830115	38.32	ng	98
26) 2-Nitrophenol	7.62	139	252295	42.88	ng	# 91
27) 2,4-Dimethylphenol	7.66	122	378163	36.95	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	497763	38.73	ng	99
29) 2,4-Dichlorophenol	7.86	162	354185	40.45	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	376695	38.09	ng	96
31) Naphthalene	8.02	128	1207888	38.37	ng	99
32) Benzoic acid	7.74	122	21299	3.25	ng	92
33) 4-Chloroaniline	8.08	127	318813	24.49	ng	94
34) Hexachlorobutadiene	8.14	225	231419	40.58	ng	99
35) Caprolactam	8.44	113	114243	42.33	ng	# 40
36) 4-Chloro-3-methylphenol	8.57	107	395876	39.63	ng	94
37) 2-Methylnaphthalene	8.72	142	884423	44.89	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	334003	34.82	ng	97
40) Hexachlorocyclopentadiene	8.86	237	310630	75.21	ng	98

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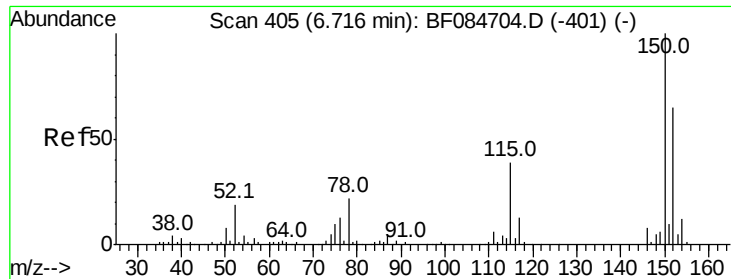
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	241354	39.06	nq	91
43) 2,4,5-Trichlorophenol	9.04	196	249287	39.70	nq #	84
45) 1,1'-Biphenyl	9.17	154	965270	35.78	nq	98
46) 2-Chloronaphthalene	9.20	162	718770	36.18	nq	96
47) 2-Nitroaniline	9.30	65	240782	38.28	nq	98
48) Acenaphthylene	9.61	152	1166790	38.71	nq	99
49) Dimethylphthalate	9.49	163	1150131	50.00	nq #	91
50) 2,6-Dinitrotoluene	9.55	165	211893	42.17	nq	98
51) Acenaphthene	9.79	154	745027	37.99	nq	97
52) 3-Nitroaniline	9.71	138	160171	28.37	nq	96
53) 2,4-Dinitrophenol	9.82	184	100953	46.17	nq #	81
54) Dibenzofuran	9.96	168	1051383	43.86	nq	98
55) 4-Nitrophenol	9.89	139	314407	75.76	nq #	84
56) 2,4-Dinitrotoluene	9.95	165	285355	44.52	nq	93
57) Fluorene	10.29	166	767436	38.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	208142	43.55	nq	93
59) Diethylphthalate	10.18	149	886331	39.46	nq	98
60) 4-Chlorophenyl-phenylether	10.29	204	375201	44.54	nq	98
61) 4-Nitroaniline	10.33	138	225662	41.01	nq	91
62) Azobenzene	10.45	77	994711	46.06	nq	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	131759	36.29	nq #	56
65) n-Nitrosodiphenylamine	10.42	169	786269	42.10	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	262163	40.35	nq	98
67) Hexachlorobenzene	10.84	284	260567	36.81	nq #	89
68) Atrazine	10.94	200	219345	37.19	nq	99
69) Pentachlorophenol	11.05	266	255126	76.69	nq	97
70) Phenanthrene	11.25	178	1200020	36.78	nq	98
71) Anthracene	11.31	178	1307559	39.78	nq	100
72) Carbazole	11.47	167	1125162	39.25	nq #	97
73) Di-n-butylphthalate	11.80	149	1286822	35.26	nq #	96
74) Fluoranthene	12.44	202	1329232	40.26	nq	93
76) Benzidine	12.57	184	498168	34.62	nq	98
77) Pyrene	12.66	202	1298507	41.79	nq	99
79) Butylbenzylphthalate	13.30	149	601354	42.67	nq #	85
80) Benzo(a)anthracene	13.85	228	1010515	40.12	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	181284	20.33	nq #	93
82) Chrysene	13.88	228	944118	38.66	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	752093	42.88	nq #	96
84) Di-n-octyl phthalate	14.47	149	1188808	41.08	nq #	88
85) Indeno(1,2,3-cd)pyrene	16.55	276	823175	42.82	nq	99
87) Benzo(b)fluoranthene	14.85	252	1038500m	45.30	nq	
88) Benzo(k)fluoranthene	14.89	252	642415m	33.89	nq	
89) Benzo(a)pyrene	15.19	252	765610	39.20	nq #	97
90) Dibenzo(a,h)anthracene	16.56	278	671526	40.84	nq	98
91) Benzo(g,h,i)perylene	16.93	276	695124	41.97	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

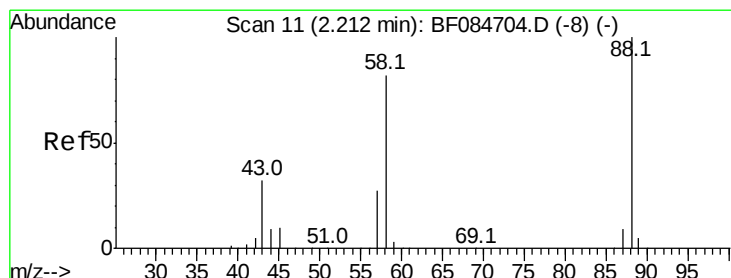
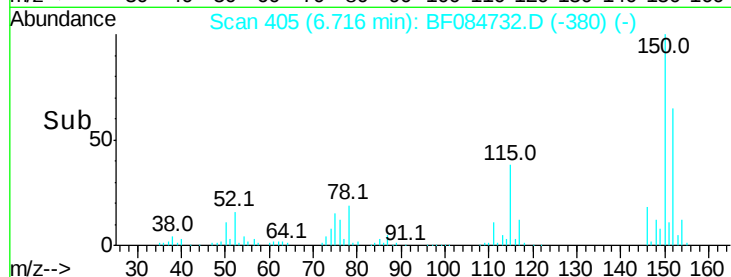
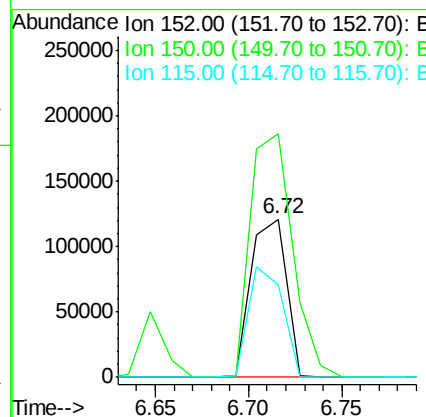
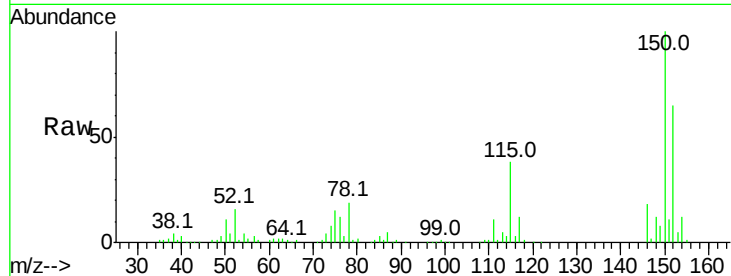
ClientSampled :

EP002MS

Tot Ion:	152	Resp:	159025
Ion Ratio	Lower	Upper	
152	100		
150	153.8	123.0	184.4
115	58.6	51.4	77.2

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#2

1,4-Dioxane

Concen: 33.24 ng

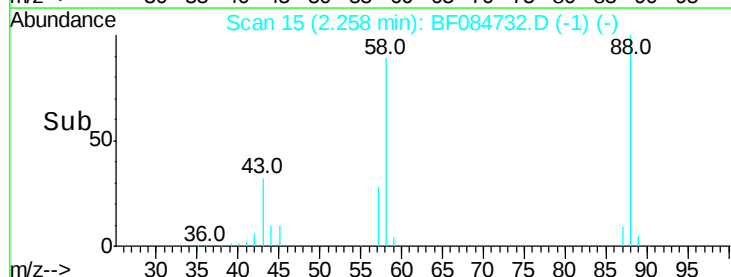
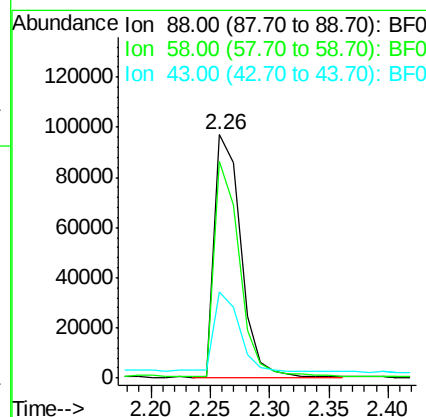
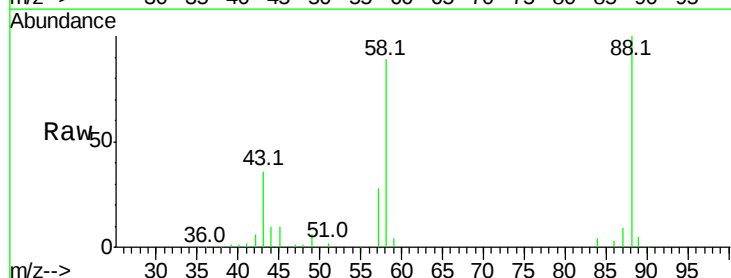
RT: 2.26 min Scan# 15

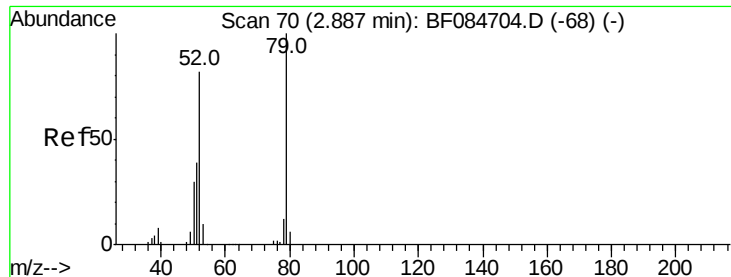
Delta R.T. 0.03 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:	88	Resp:	148629
Ion Ratio	Lower	Upper	
88	100		
58	84.6	51.2	76.8#
43	32.6	19.5	29.3#





#3

Pvridine

Concen: 36.87 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

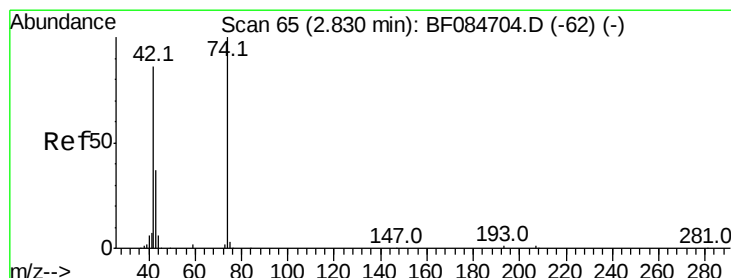
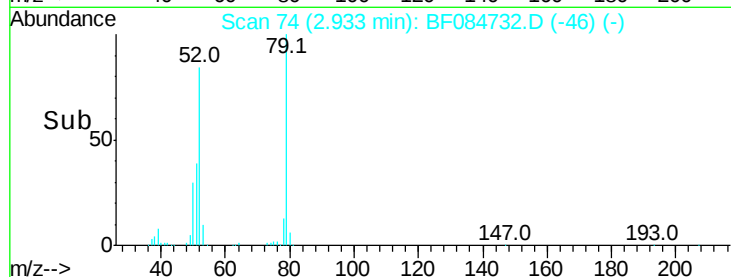
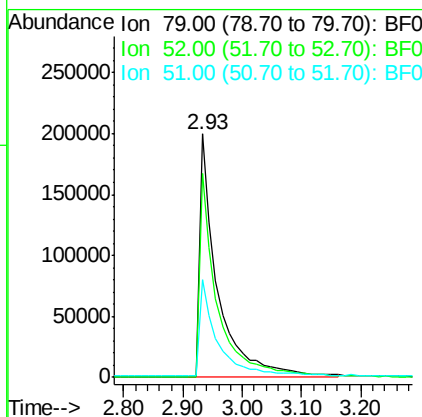
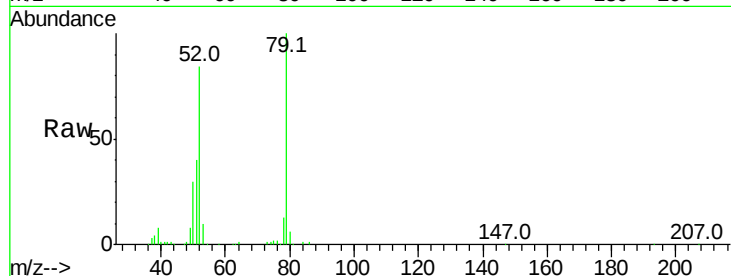
ClientSampleId :

EP002MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	83.7	49.0	73.4#	
51	40.0	25.2	37.8#	

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#4

n-Nitrosodimethylamine

Concen: 36.76 ng

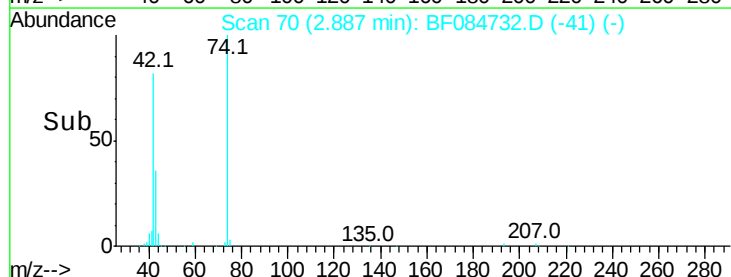
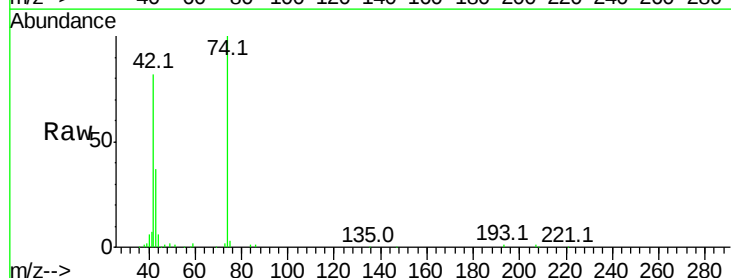
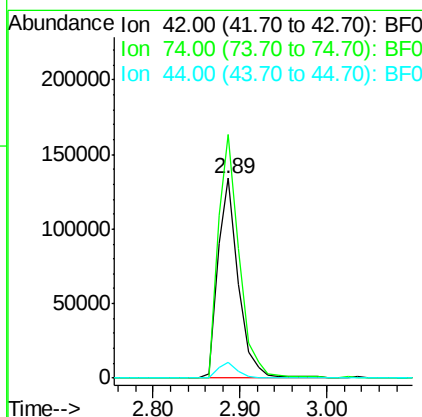
RT: 2.89 min Scan# 70

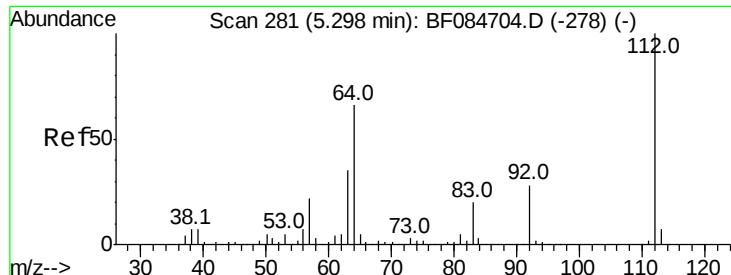
Delta R.T. 0.03 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	121.9	115.7	173.5	
44	7.7	5.1	7.7#	





#5

2-Fluorophenol

Concen: 116.88 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

Tot Ion:112 Resp: 1193249

Ion Ratio Lower Upper

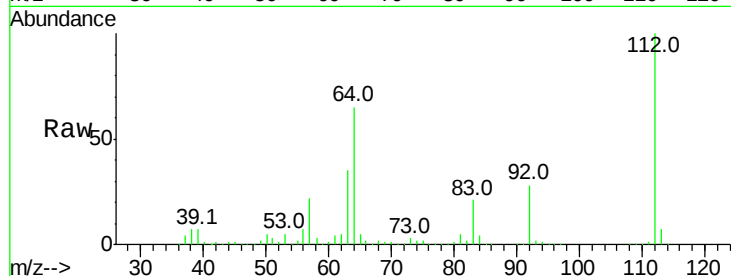
112 100

64 65.3 36.6 55.0#

63 34.9 19.4 29.0#

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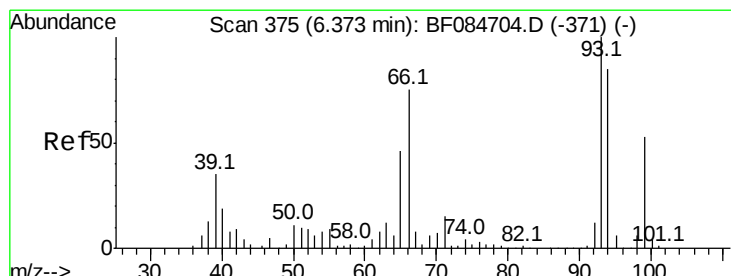
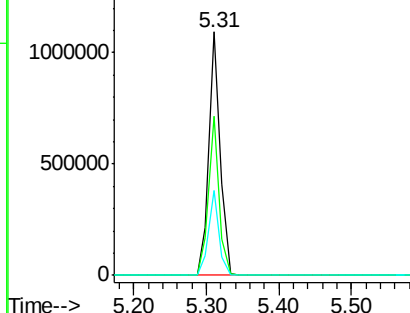
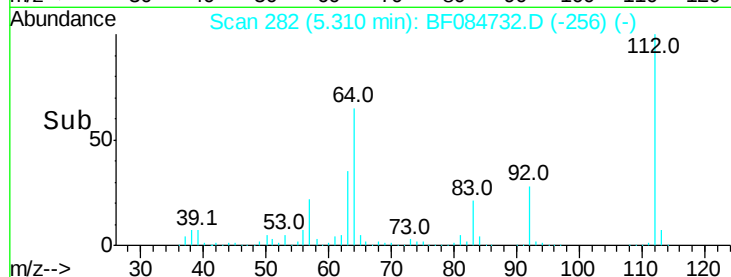
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.32 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

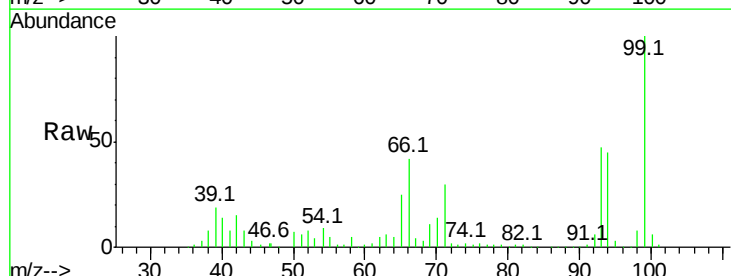
Tgt Ion: 93 Resp: 438592

Ion Ratio Lower Upper

93 100

66 88.2 44.9 67.3#

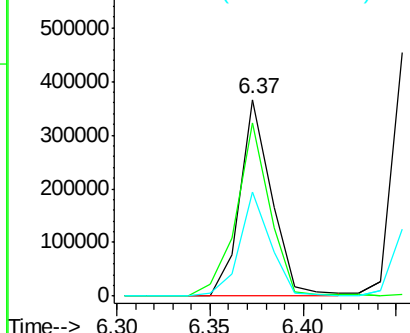
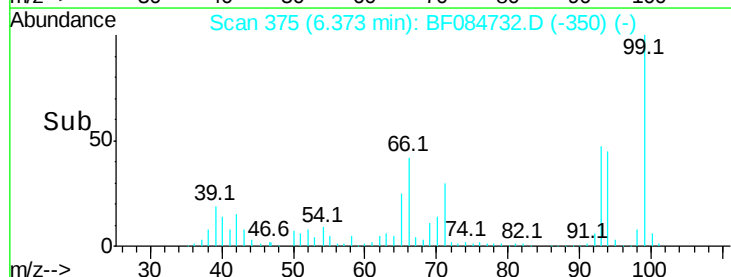
65 52.8 23.7 35.5#

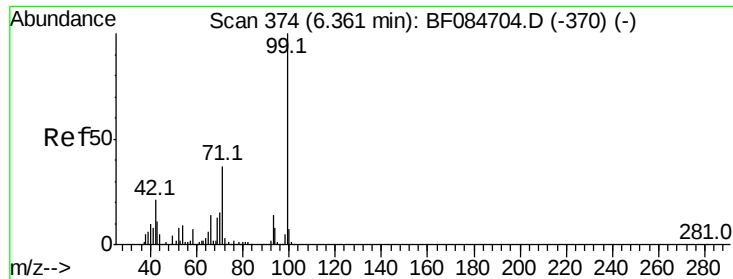


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.55 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

Tot Ion: 99 Resp: 1601770

Ion Ratio Lower Upper

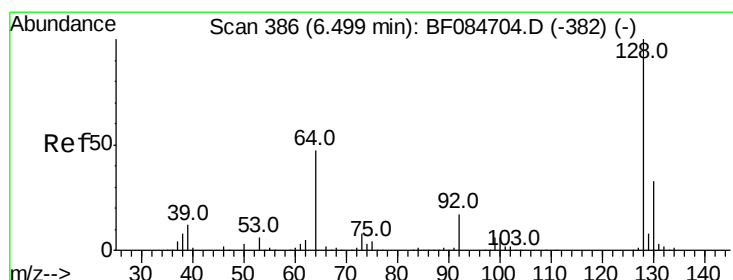
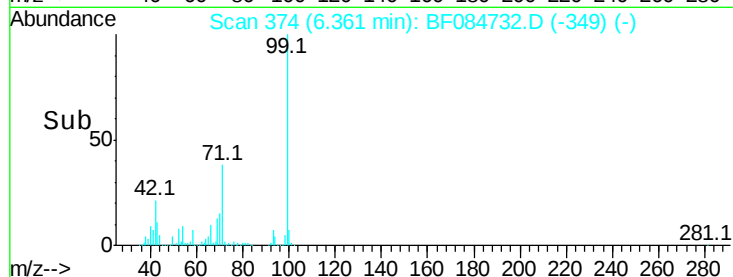
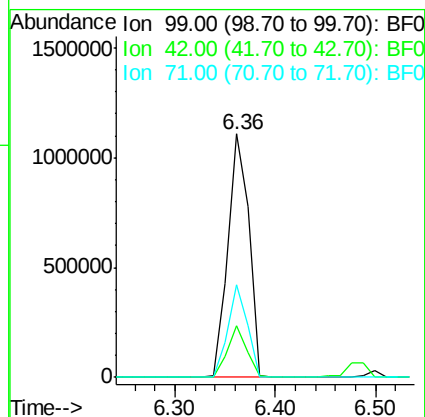
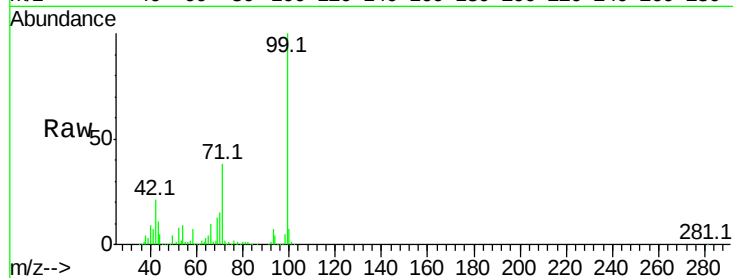
99 100

42 21.0 12.8 19.2#

71 38.3 30.9 46.3

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#8

2-Chlorophenol

Concen: 40.75 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

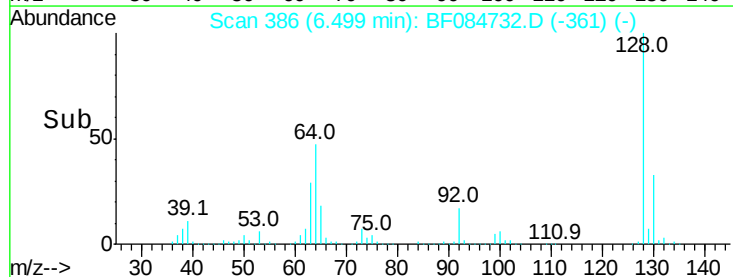
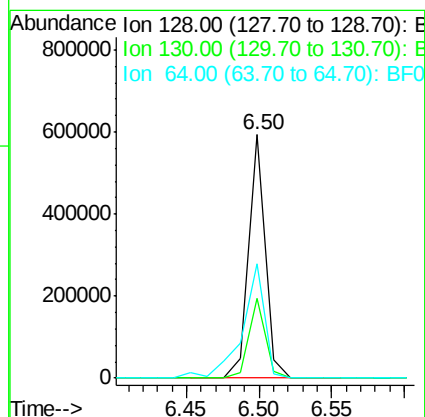
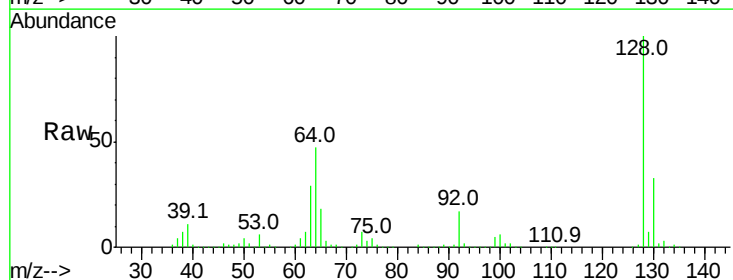
Tgt Ion: 128 Resp: 470952

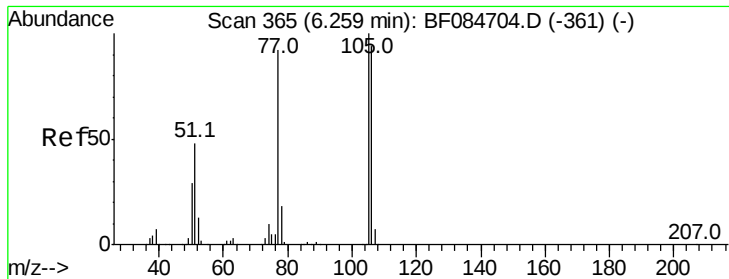
Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

64 46.9 23.8 63.8





#9

Benzaldehyde

Concen: 26.49 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

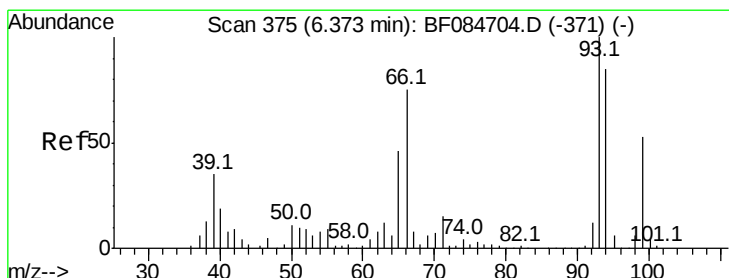
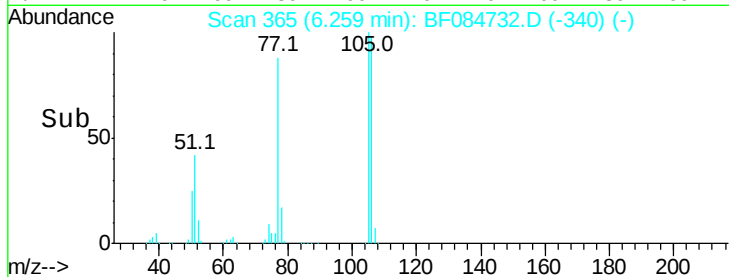
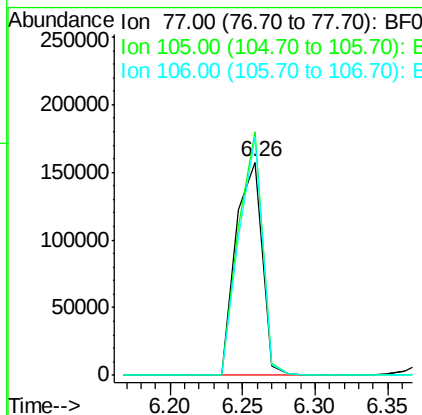
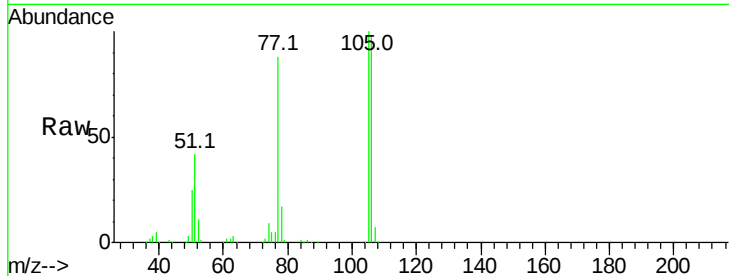
ClientSampleId :

EP002MS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	114.1	83.0	123.0		
106	111.5	74.6	114.6		



#10

Phenol

Concen: 32.08 ng

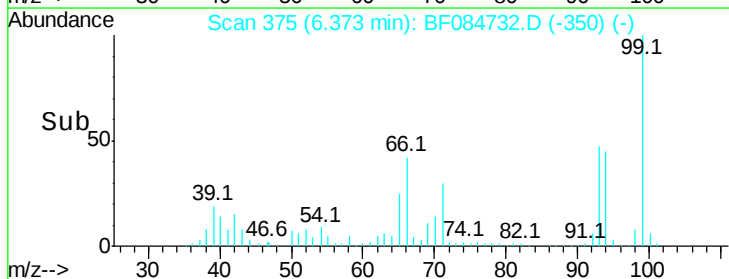
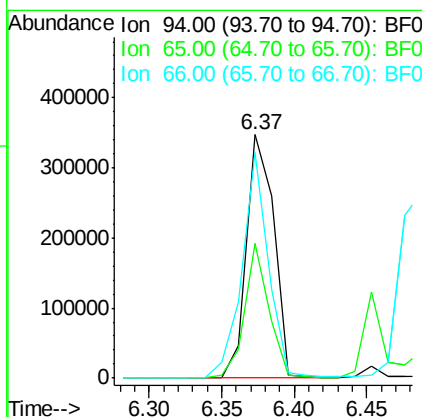
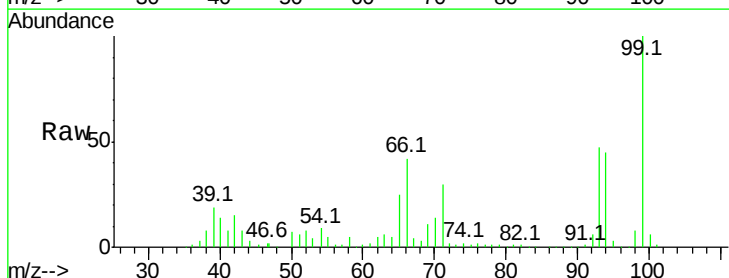
RT: 6.37 min Scan# 375

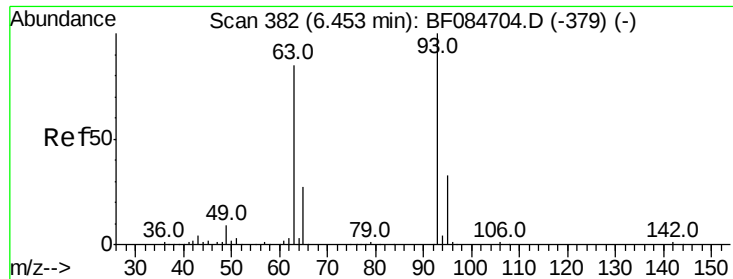
Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	55.5	12.9	52.9#		
66	92.9	32.7	72.7#		





#11

bis(2-Chloroethyl)ether

Concen: 36.83 ng m

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

Tot Ion: 93 Resp: 407240

Ion Ratio Lower Upper

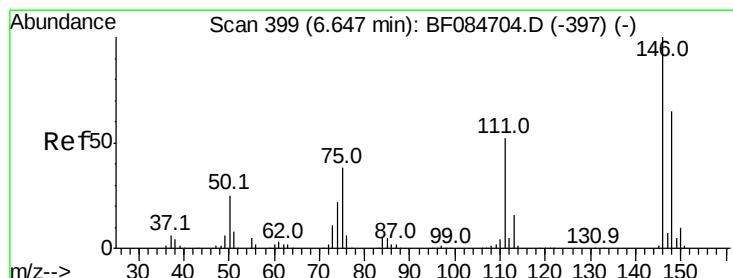
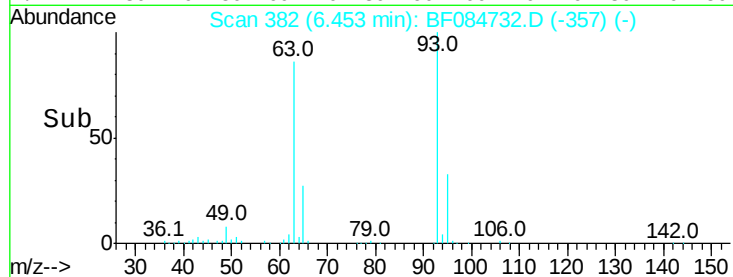
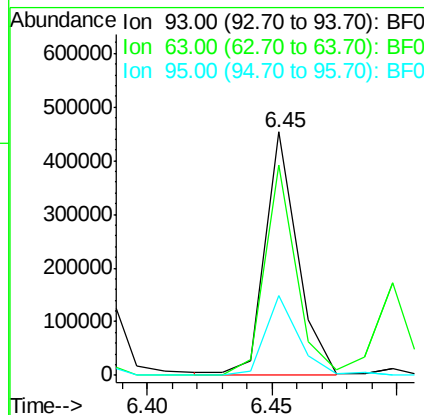
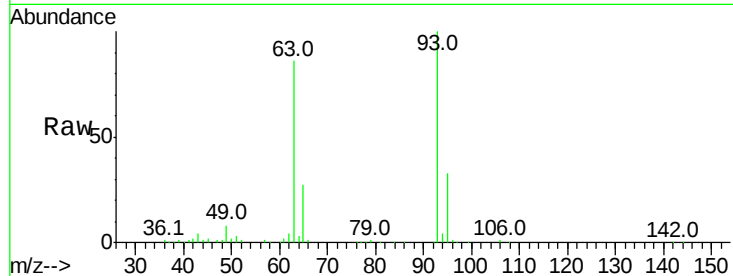
93 100

63 86.5 45.9 85.9#

95 32.7 12.3 52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.42 ng m

RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

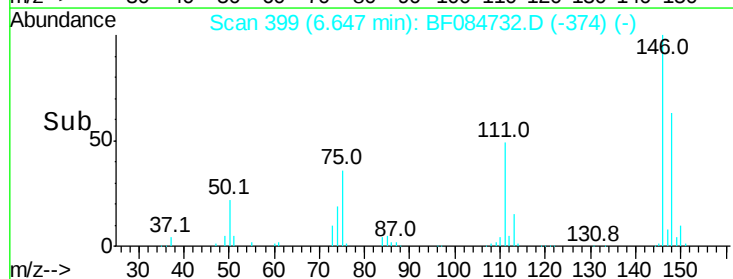
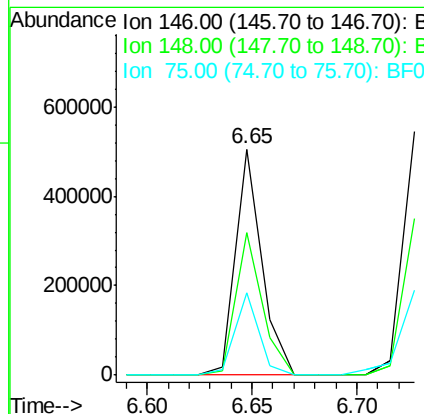
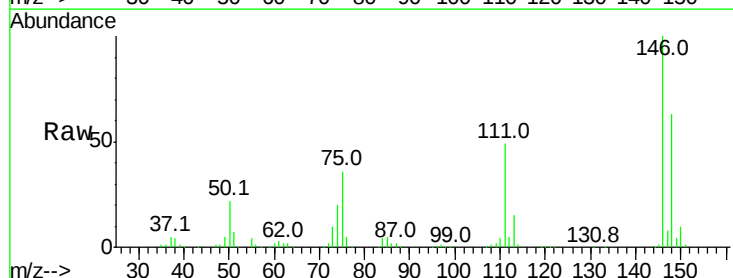
Tgt Ion: 146 Resp: 444681

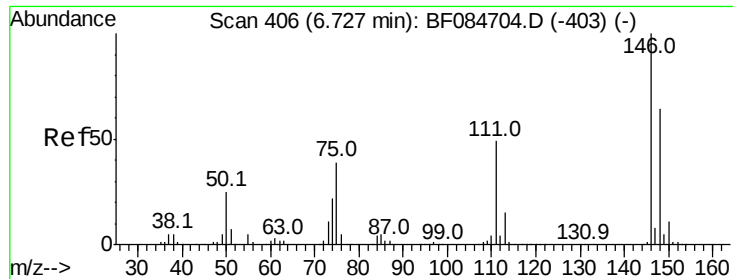
Ion Ratio Lower Upper

146 100

148 63.1 51.9 77.9

75 36.2 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 36.89 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

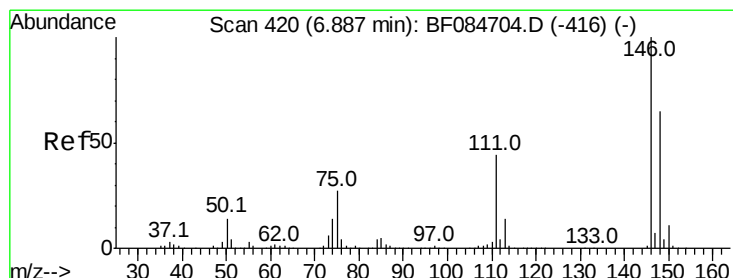
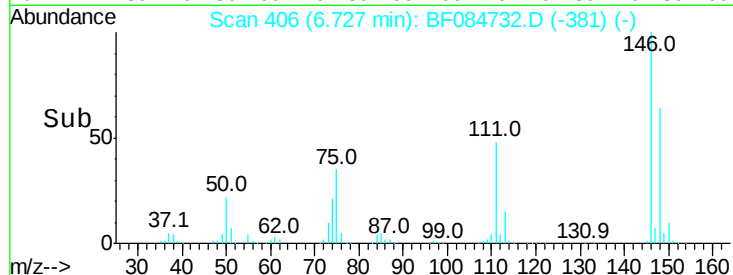
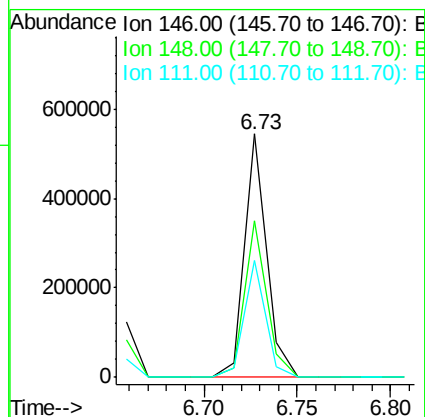
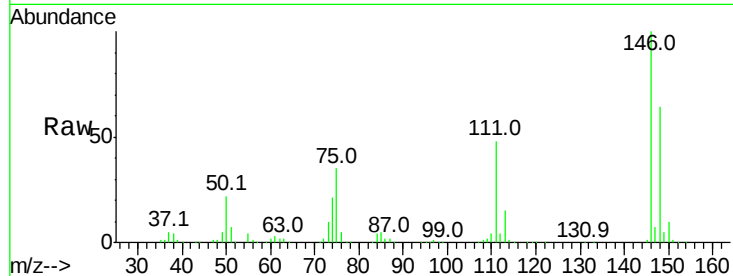
ClientSampleId :

EP002MS

Tot Ion:	146	Resp:	450310
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.9	77.9
111	47.9	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.91 ng m

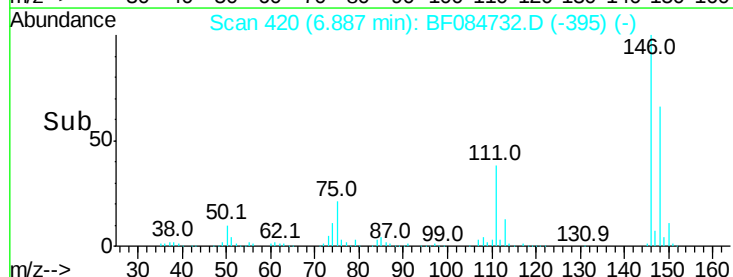
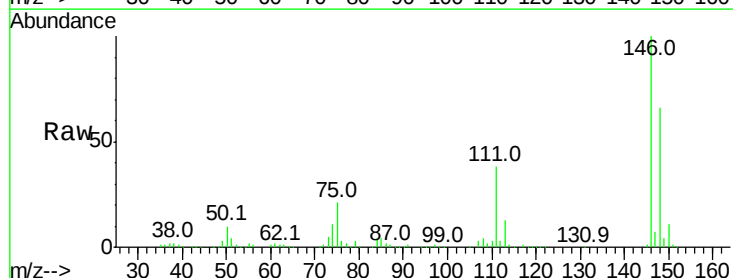
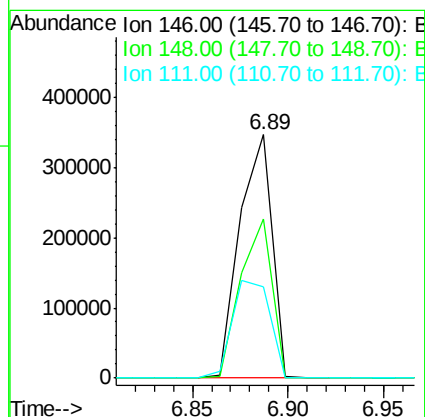
RT: 6.89 min Scan# 420

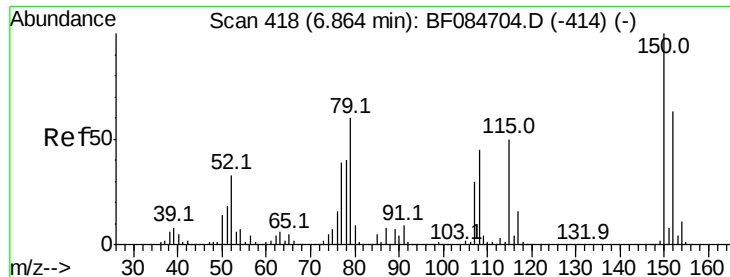
Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:	146	Resp:	408263
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.6	77.4
111	37.5	38.0	57.0#





#15

Benzyl Alcohol

Concen: 43.35 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampled :

EP002MS

Tot Ion: 79 Resp: 378847
Ion Ratio Lower Upper

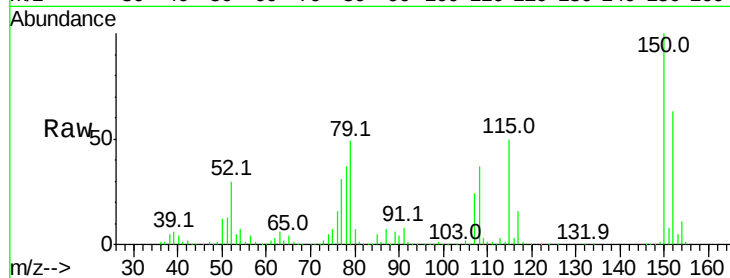
79 100

108 76.1 69.0 103.4

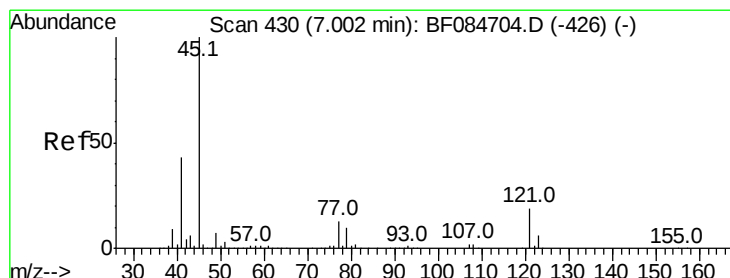
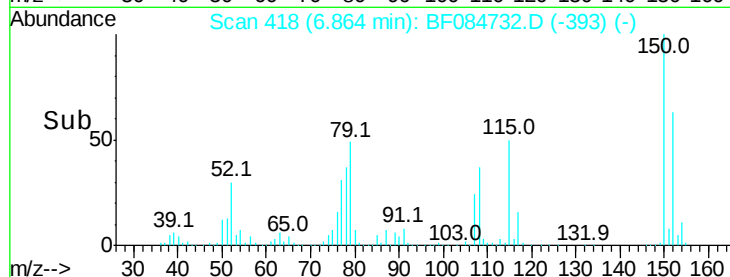
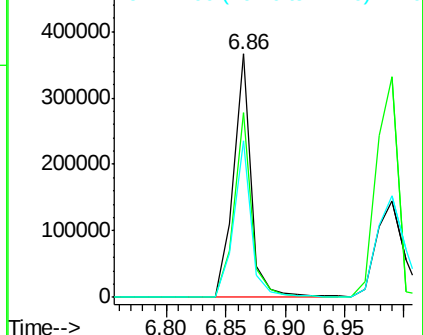
77 64.5 50.0 75.0

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.85 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF084732.D

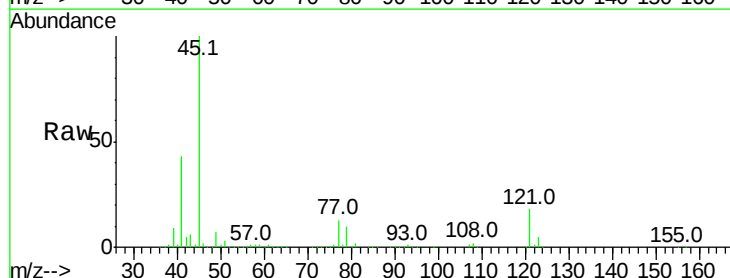
Acq: 2 Feb 2016 1:55

Tgt Ion: 45 Resp: 685369
Ion Ratio Lower Upper

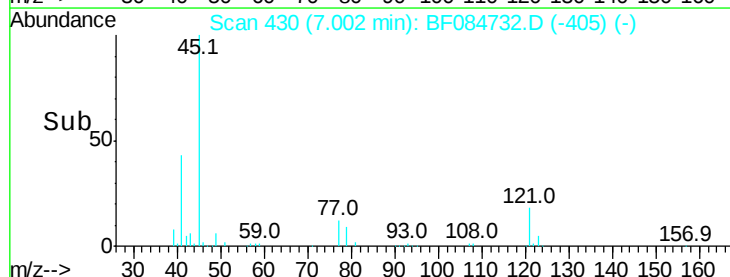
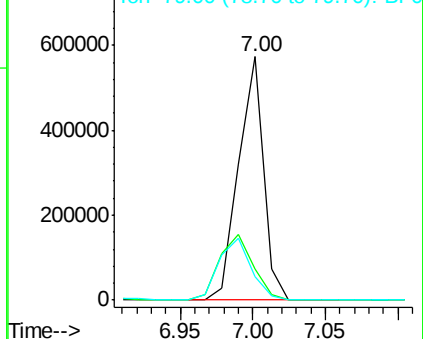
45 100

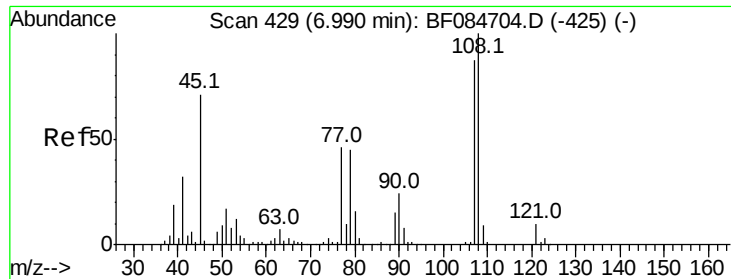
77 12.7 0.0 39.6

79 9.8 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





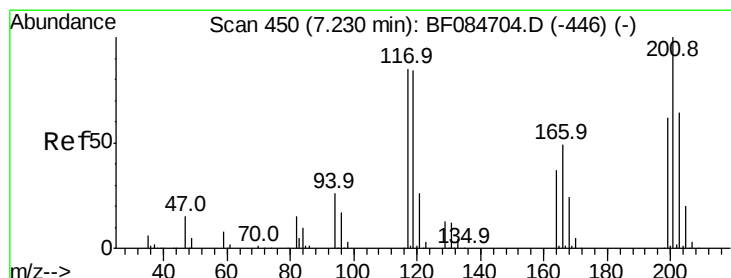
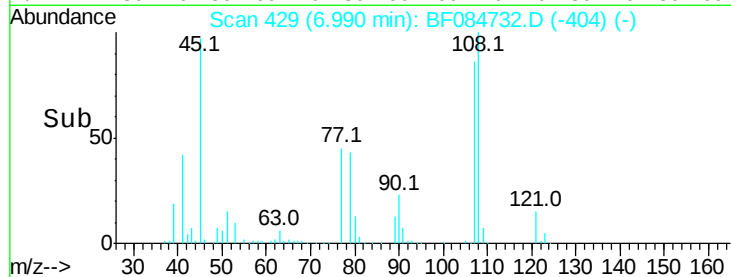
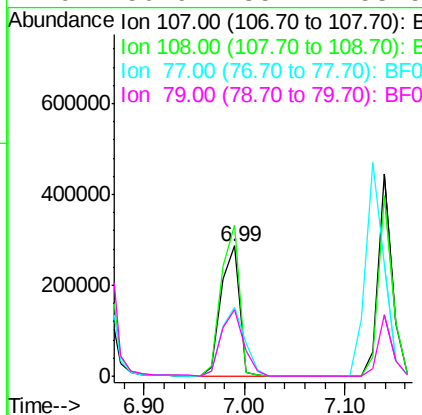
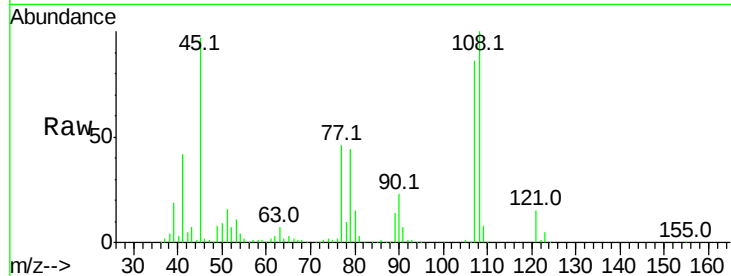
#17
2-Methylphenol
Concen: 39.94 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion:	107	Resp:	365034
Ion Ratio	Lower	Upper	
107	100		
108	116.0	89.8	134.6
77	53.5	35.7	53.5
79	50.9	35.7	53.5

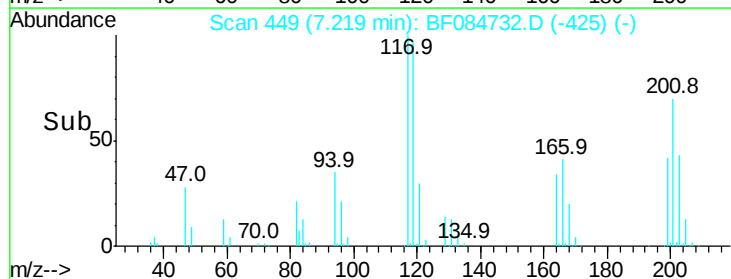
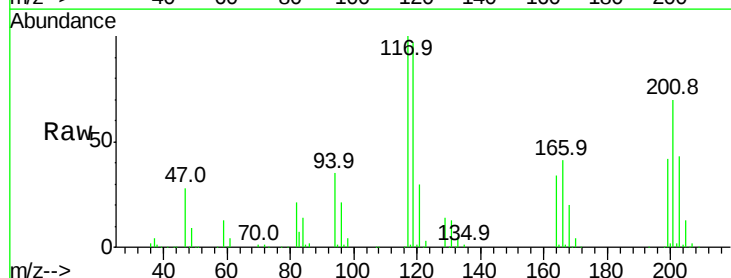
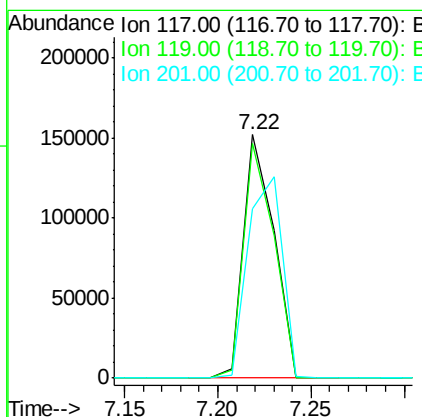
Manual Integrations
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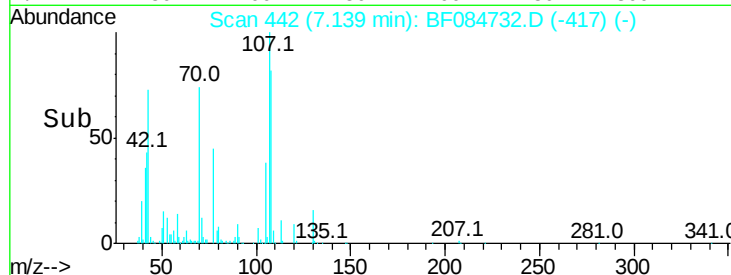
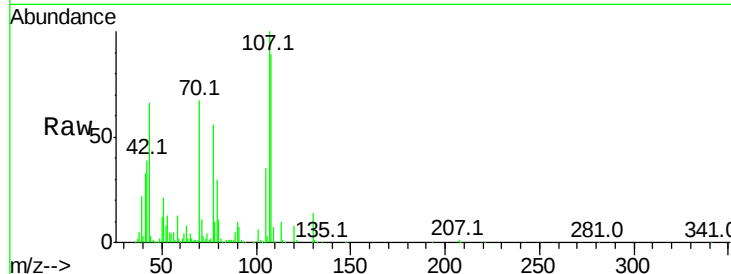
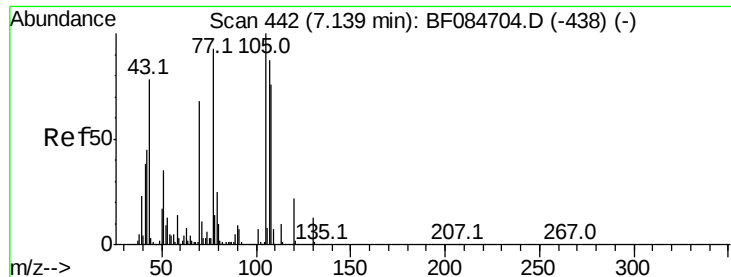
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#18
Hexachloroethane
Concen: 36.60 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion:	117	Resp:	172027
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.4	116.0
201	69.6	68.6	103.0





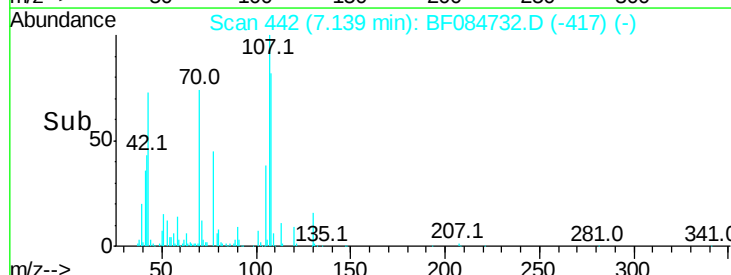
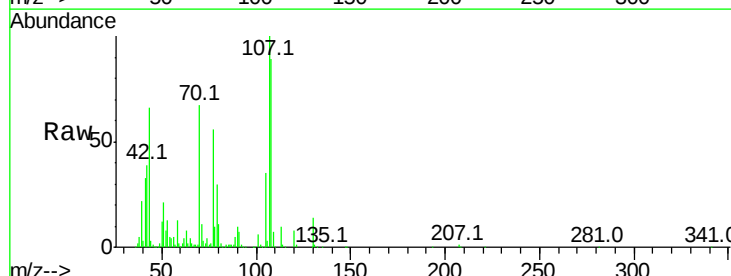
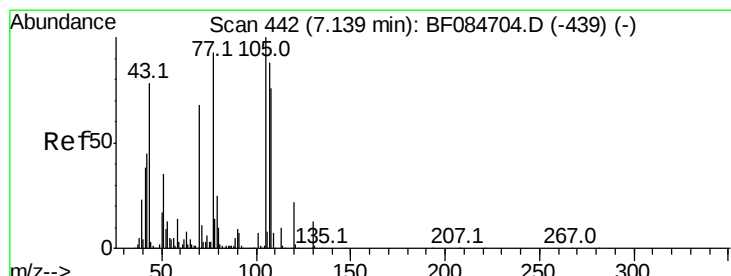
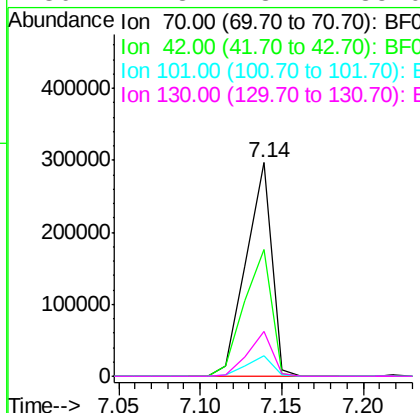
#19
n-Nitroso-di-n-propylamine
Concen: 40.80 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.3	33.3	49.9#
101	9.7	9.3	13.9
130	21.3	23.4	35.0#

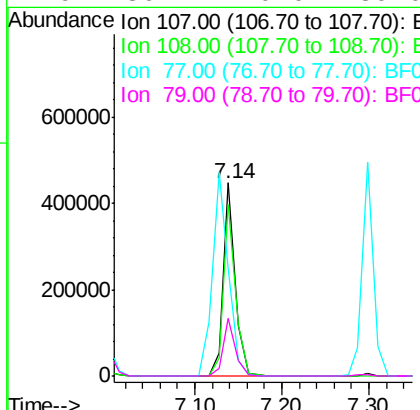
Manual Integrations
APPROVED

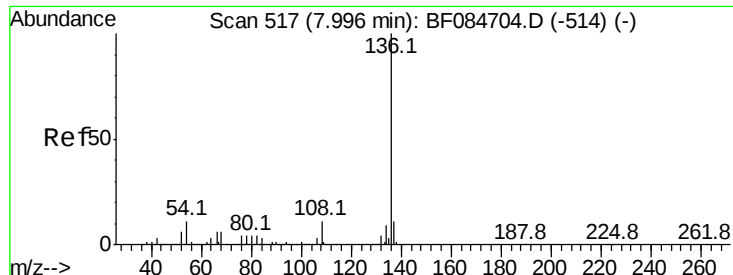
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#20
3+4-Methylphenols
Concen: 37.93 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	74.6	114.6
77	55.7	0.7	40.7#
79	30.1	0.0	39.0





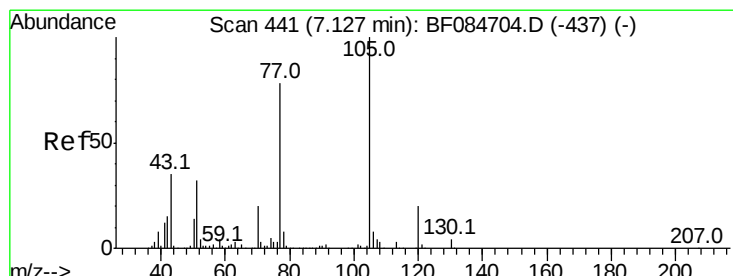
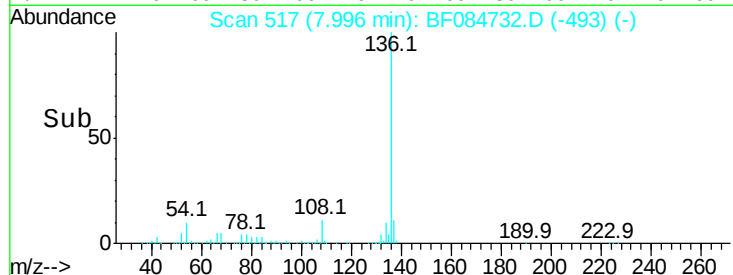
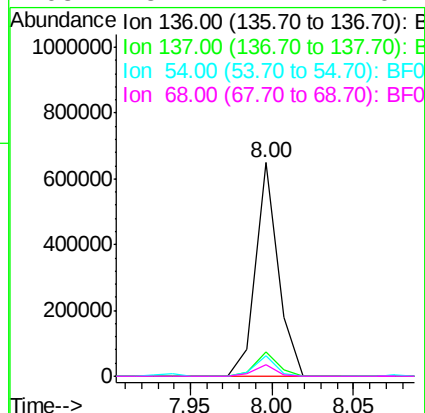
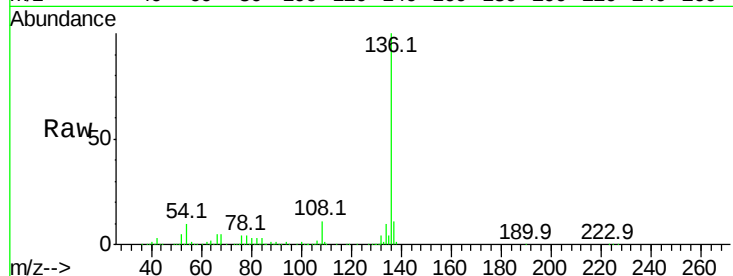
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampled :
EP002MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.7	5.8	8.8#
68	5.4	4.2	6.2

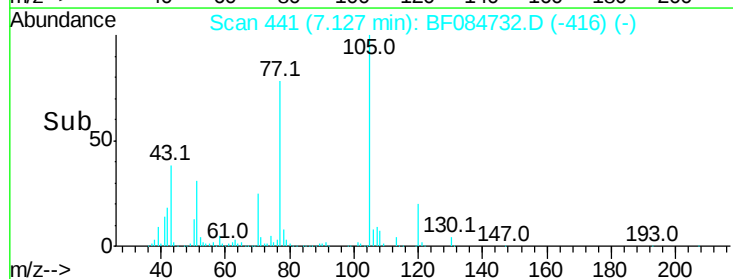
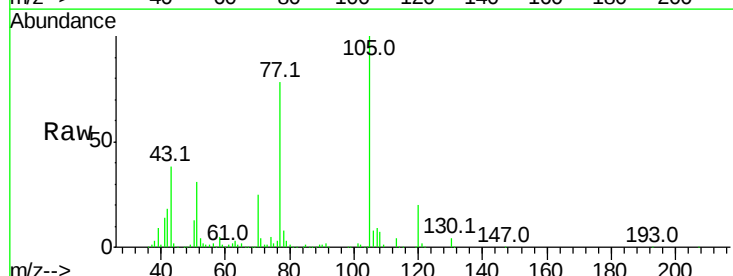
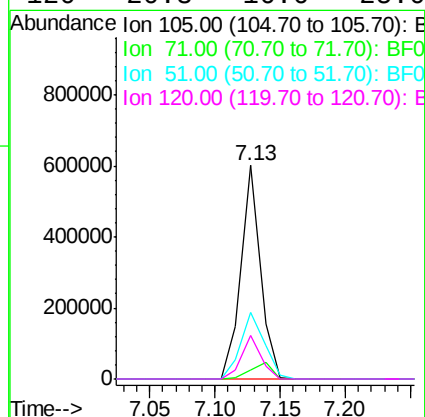
Manual Integrations
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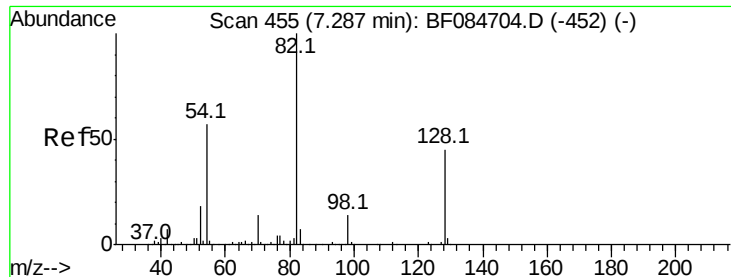
mohammad
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#22
Acetophenone
Concen: 37.65 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.3	3.7	5.5
51	31.0	25.1	37.7
120	20.3	16.6	25.0





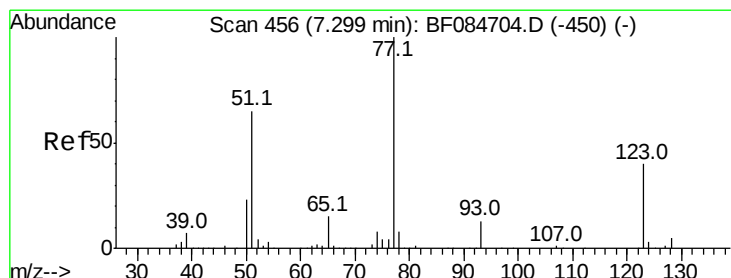
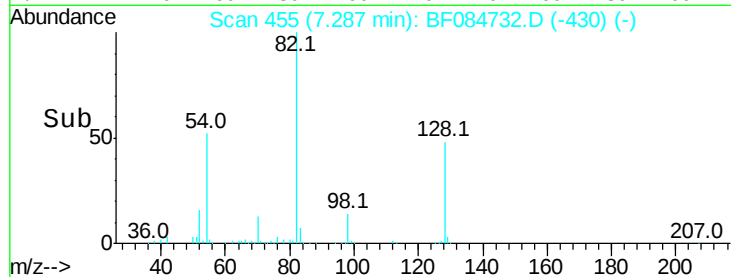
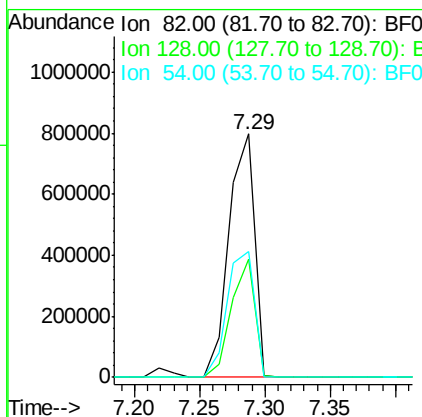
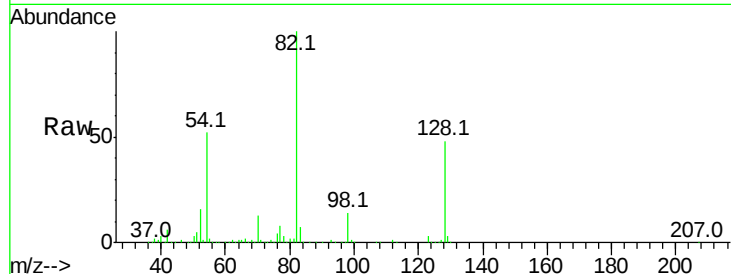
#23
 Nitrobenzene-d5
 Concen: 97.11 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.6	51.8
54	51.8	38.4	57.6

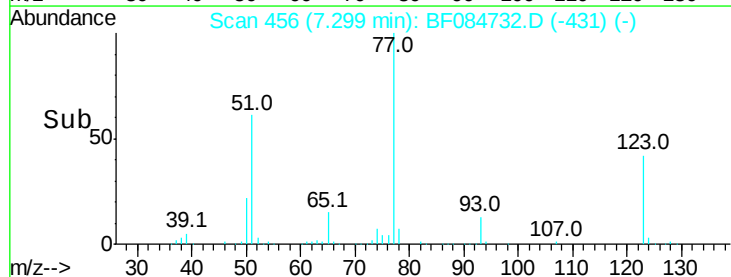
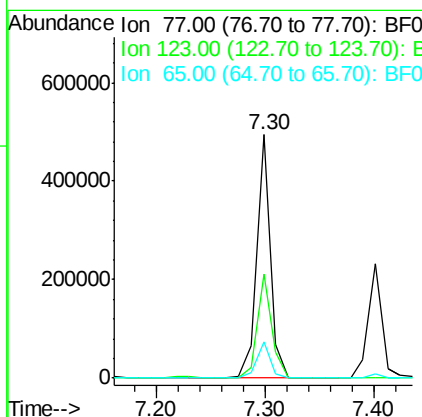
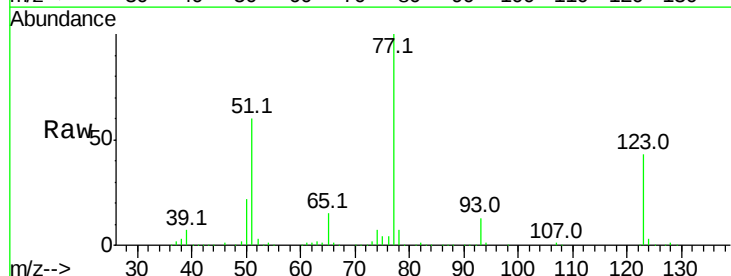
Manual Integrations
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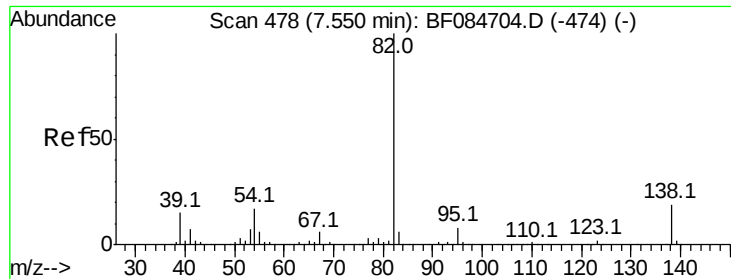
mohammad
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#24
 Nitrobenzene
 Concen: 36.48 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	37.4	56.2
65	14.7	10.9	16.3





#25

Isophorone

Concen: 38.32 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

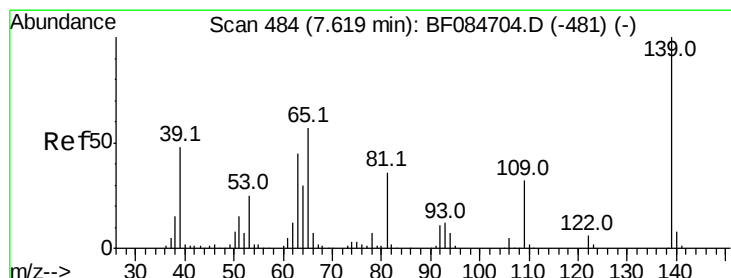
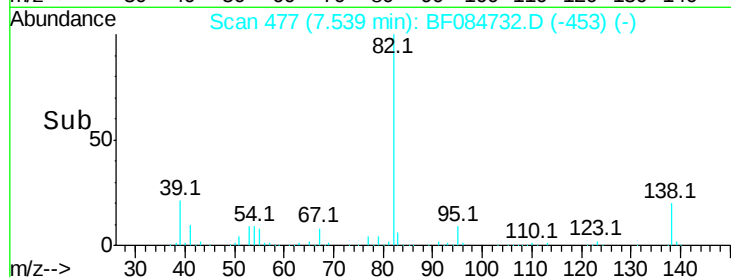
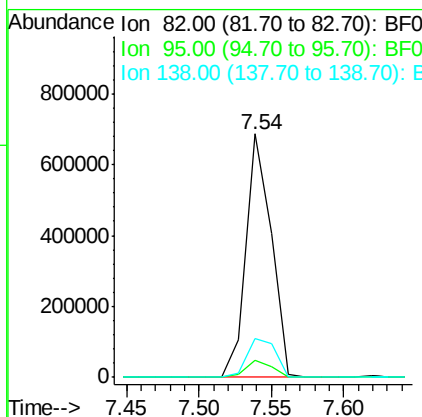
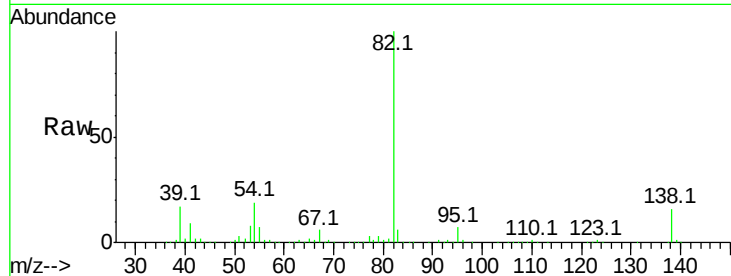
ClientSampleId :

EP002MS

Tot Ion:	82	Resp:	830115
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.6	10.0
138	16.1	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.88 ng

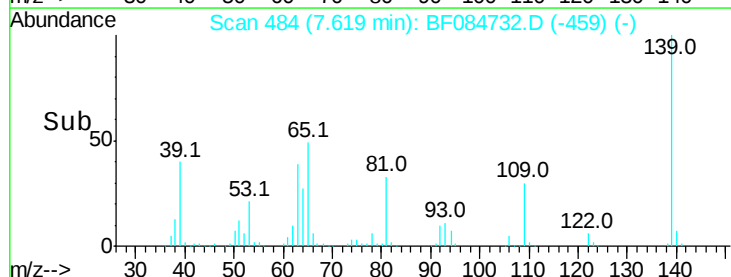
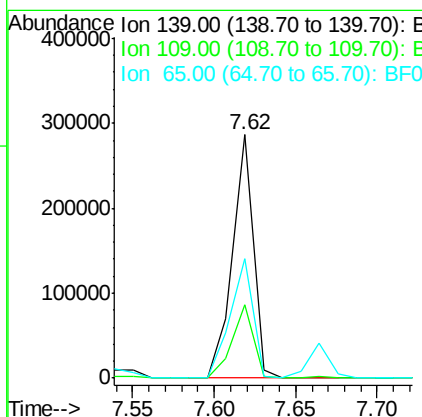
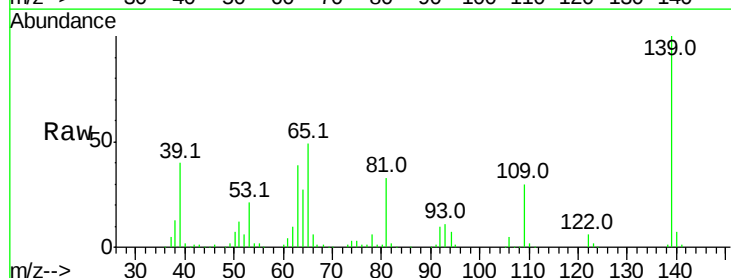
RT: 7.62 min Scan# 484

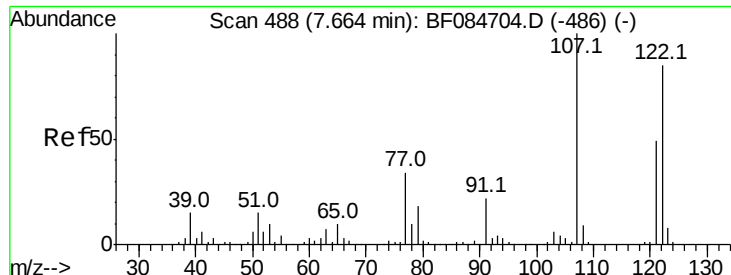
Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:	139	Resp:	252295
Ion Ratio		Lower	Upper
139	100		
109	30.0	25.4	38.2
65	49.3	32.3	48.5#





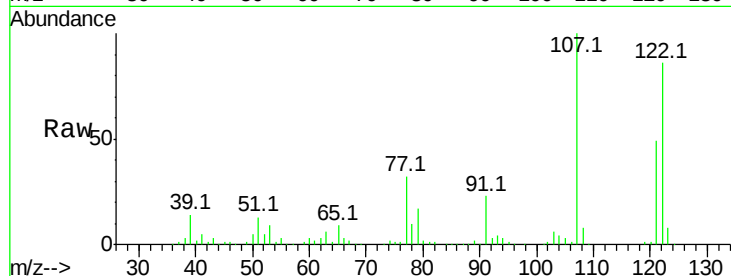
#27
 2,4-Dimethylphenol
 Concen: 36.95 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleID :
 EP002MS

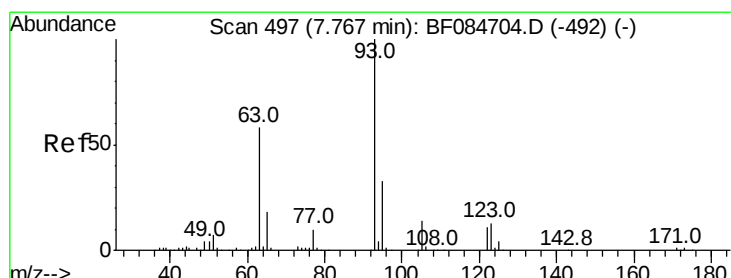
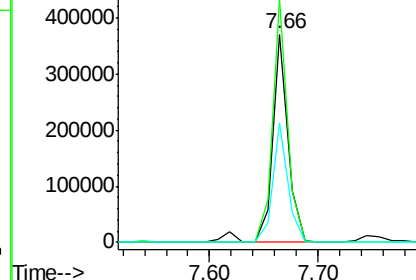
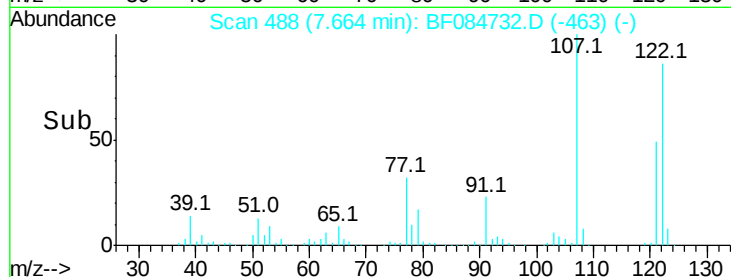
Tot Ion	Ratio	Resp	Lower	Upper
122	100	378163		
107	116.9	99.1	148.7	
121	57.7	47.9	71.9	

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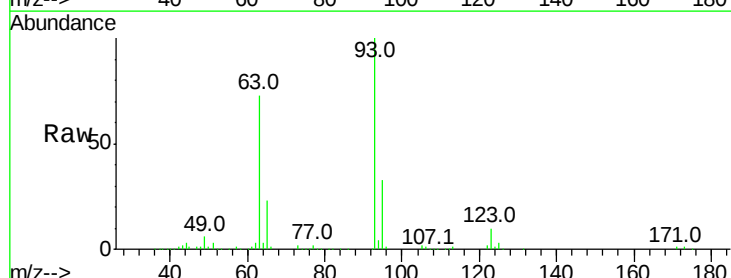


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

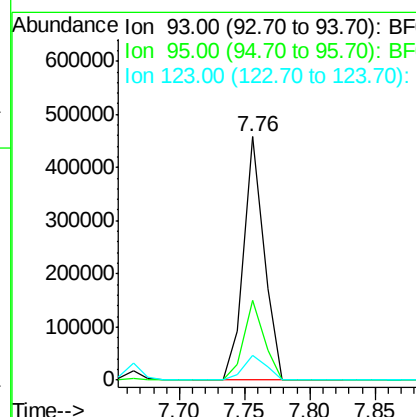
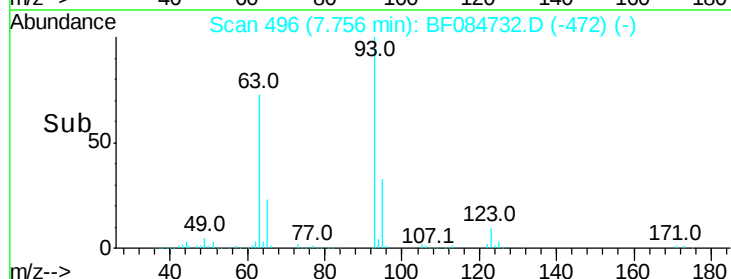


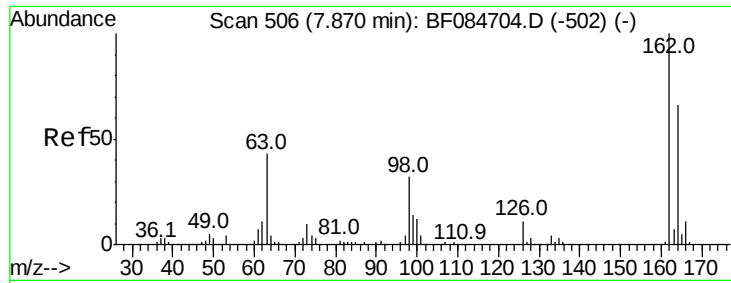
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.73 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	497763		
95	32.7	25.8	38.6	
123	10.0	8.6	12.8	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





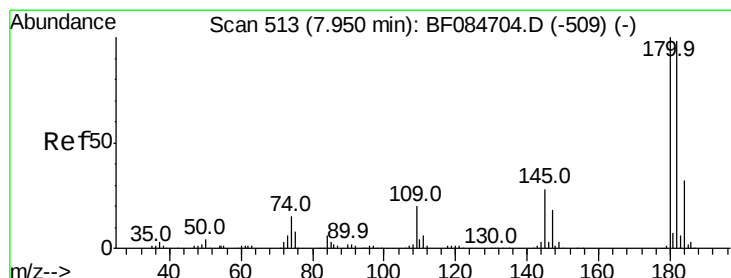
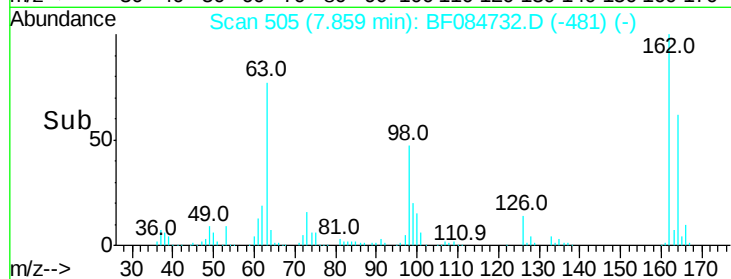
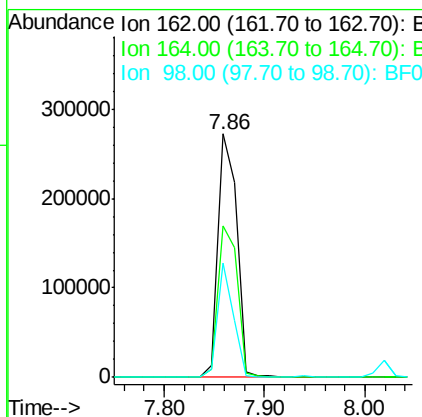
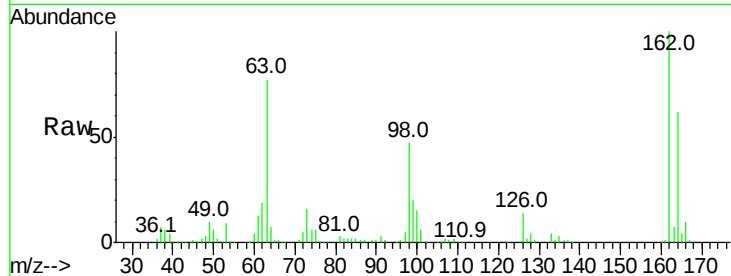
#29
 2,4-Dichlorophenol
 Concen: 40.45 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.3	44.1	84.1
98	47.1	20.2	60.2

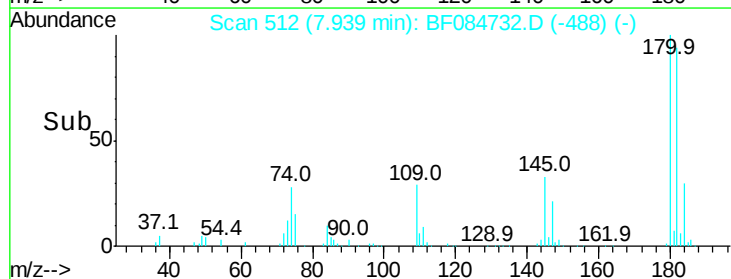
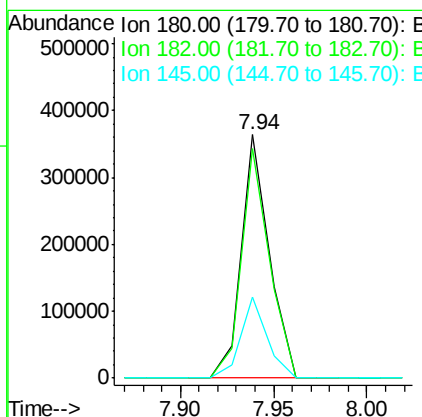
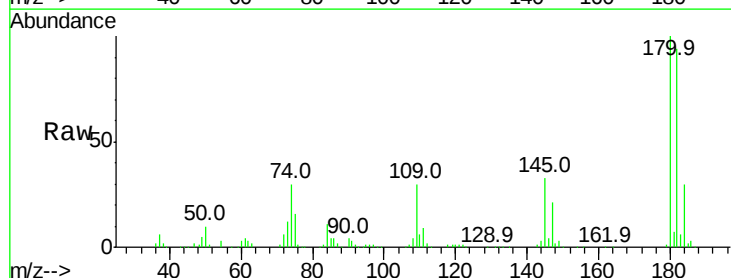
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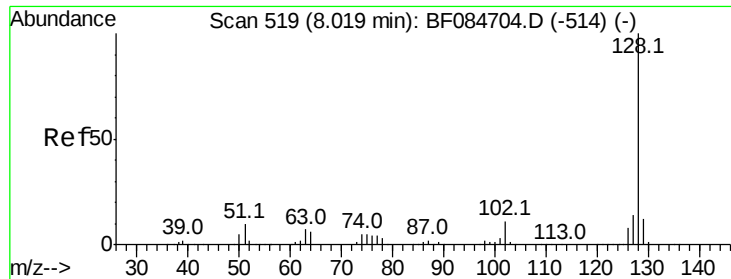
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.09 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	76.4	114.6
145	33.4	31.6	47.4





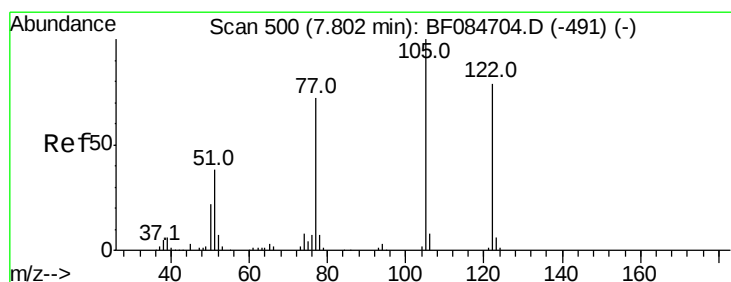
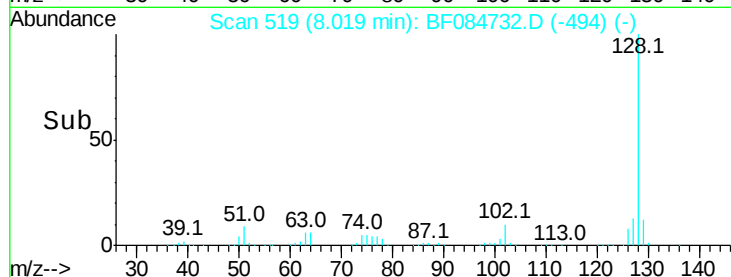
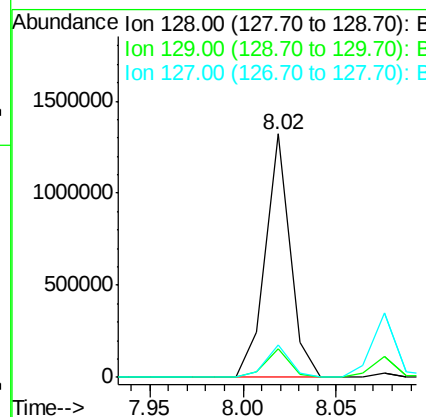
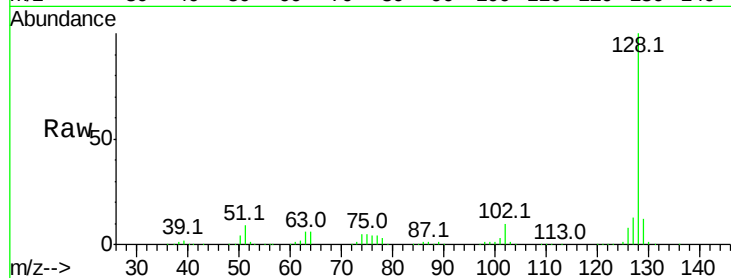
#31
Naphthalene
Concen: 38.37 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.5	11.1	16.7

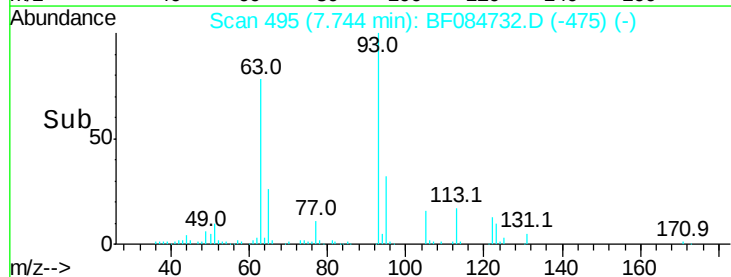
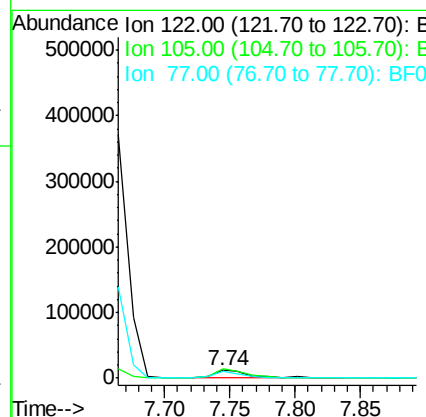
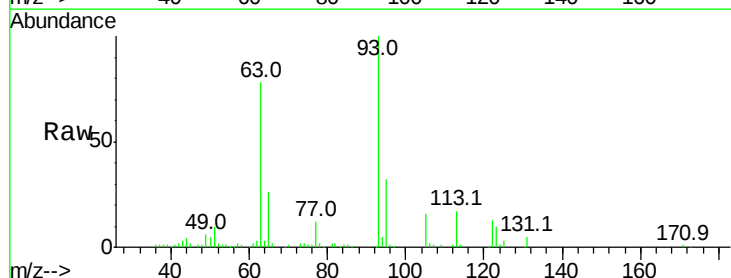
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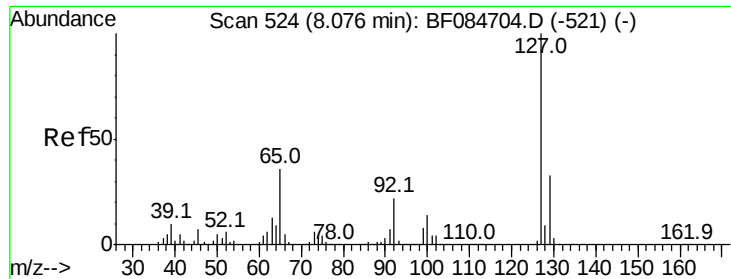
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#32
Benzoic acid
Concen: 3.25 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.07 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.3	100.3	140.3
77	93.4	63.5	103.5





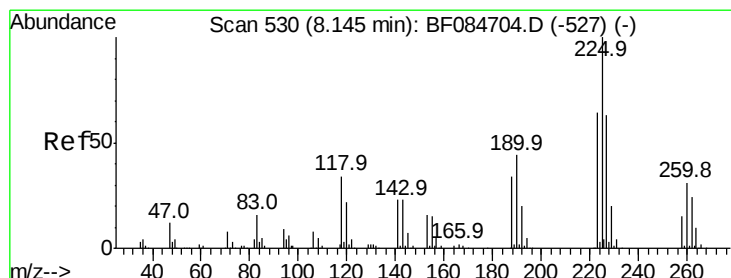
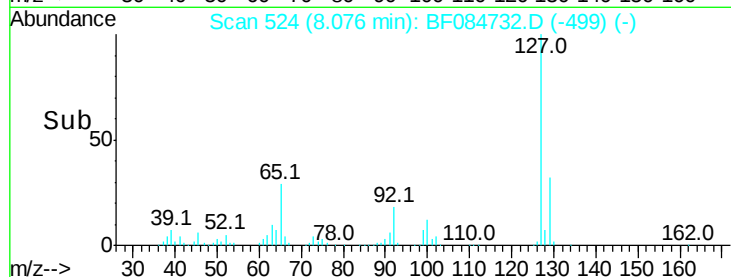
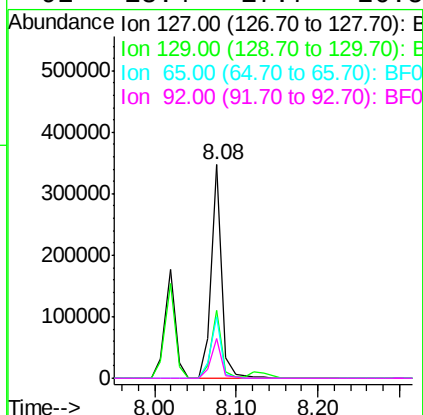
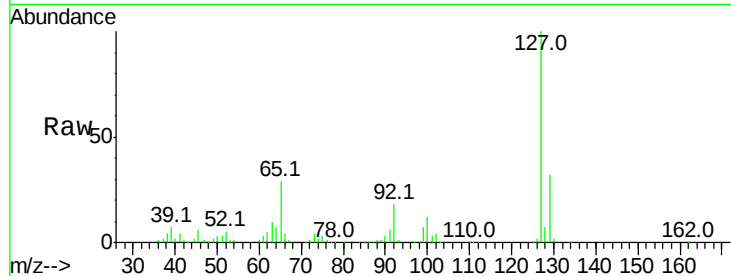
#33
4-Chloroaniline
Concen: 24.49 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.5	39.7		
65	29.0	27.2	40.8		
92	18.4	17.7	26.5		

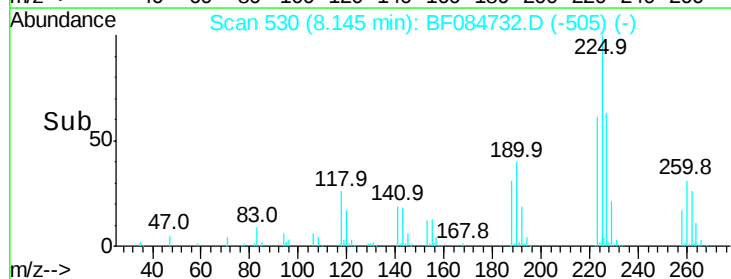
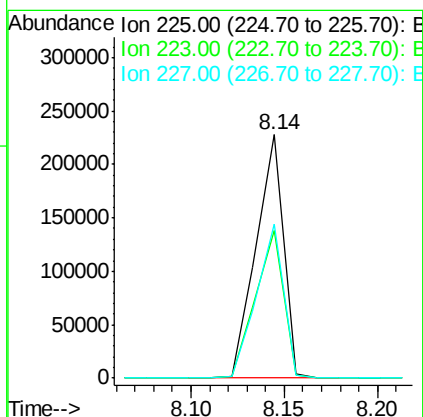
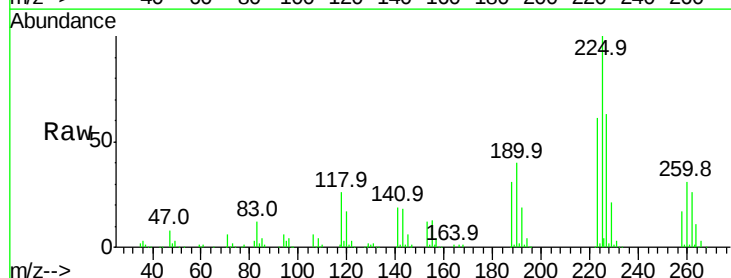
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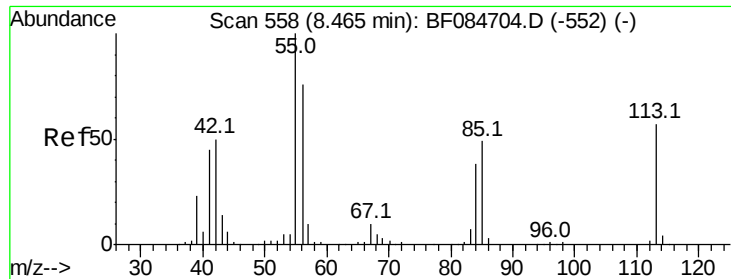
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#34
Hexachlorobutadiene
Concen: 40.58 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	49.4	74.0		
227	63.0	50.8	76.2		





#35

Caprolactam

Concen: 42.33 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

Tot Ion:113 Resp: 114243
Ion Ratio Lower Upper

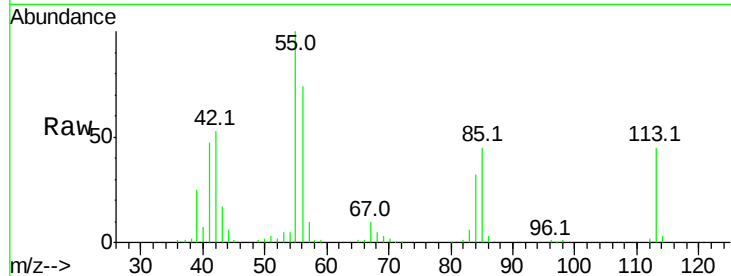
113 100

55 222.1 116.9 156.9#

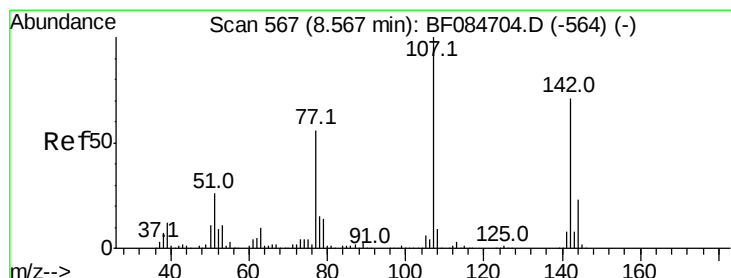
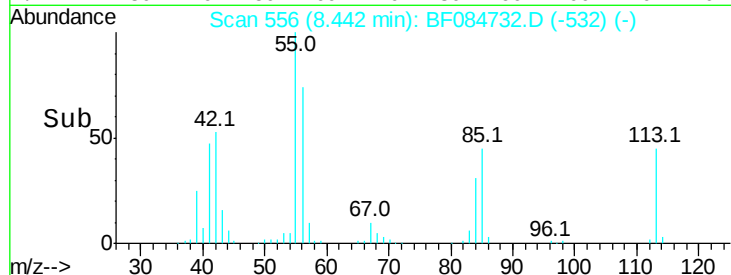
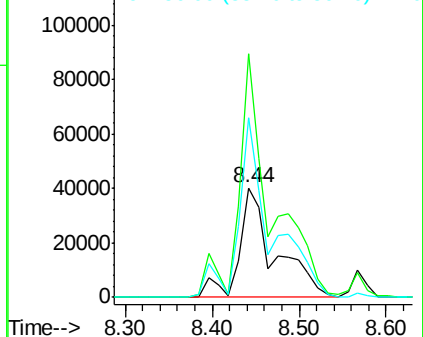
56 163.8 93.8 133.8#

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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: 39.63 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF084732.D

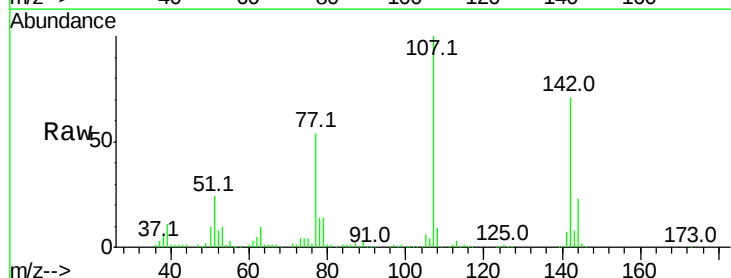
Acq: 2 Feb 2016 1:55

Tgt Ion:107 Resp: 395876
Ion Ratio Lower Upper

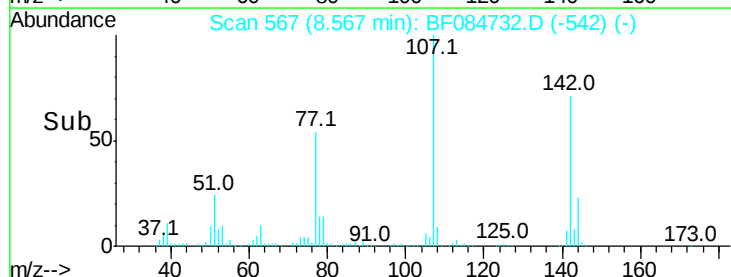
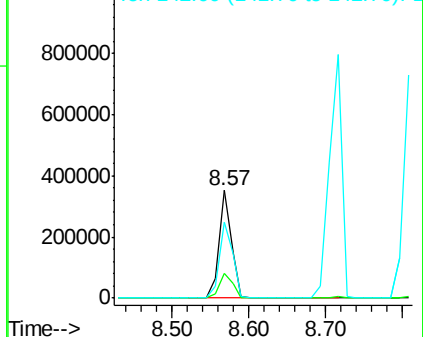
107 100

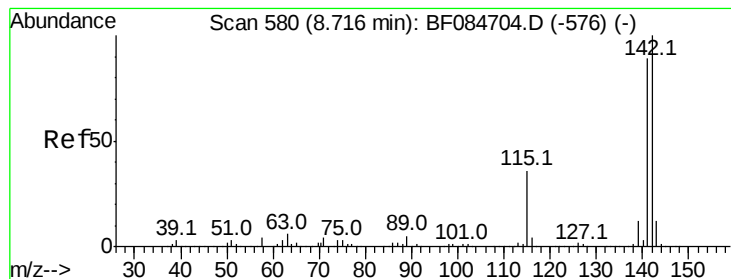
144 22.9 19.7 29.5

142 70.8 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: 44.89 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

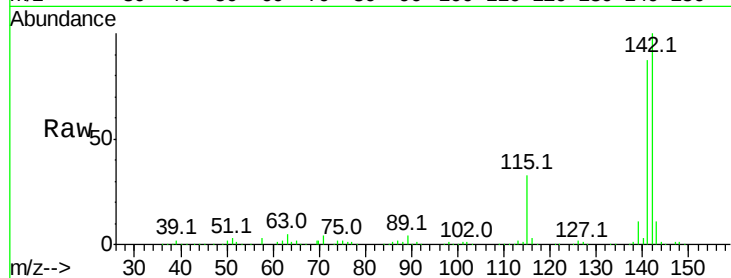
ClientSampleId :

EP002MS

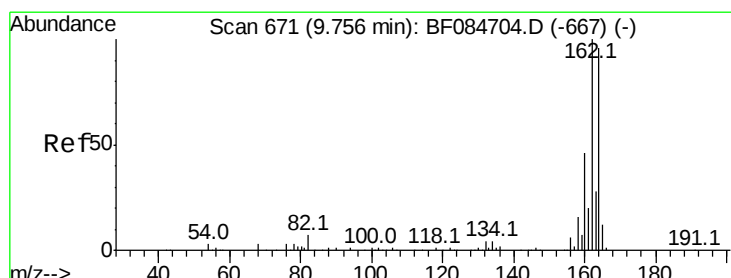
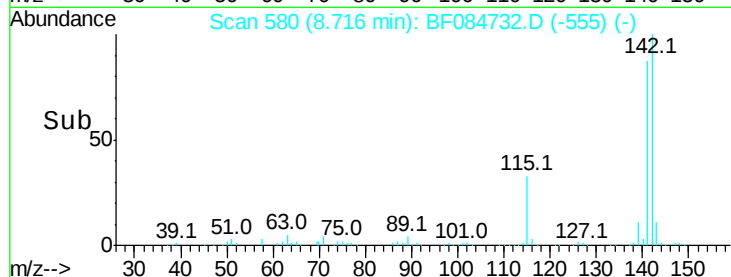
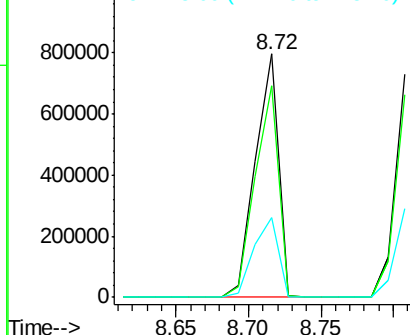
Tot Ion:	142	Resp:	884423
Ion Ratio	Lower	Upper	
142	100		
141	86.8	72.4	108.6
115	33.0	27.9	41.9

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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

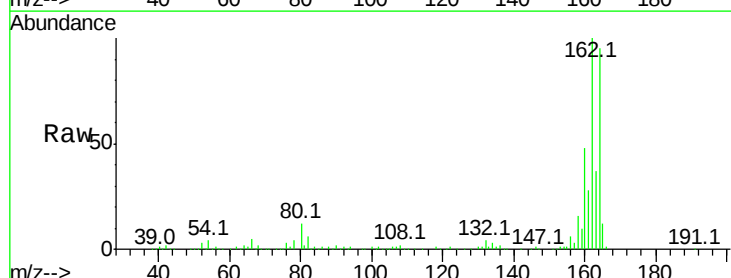
RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

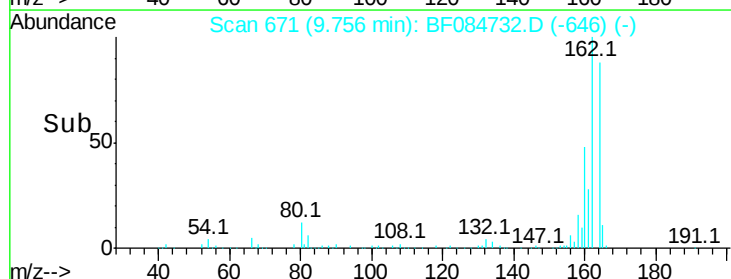
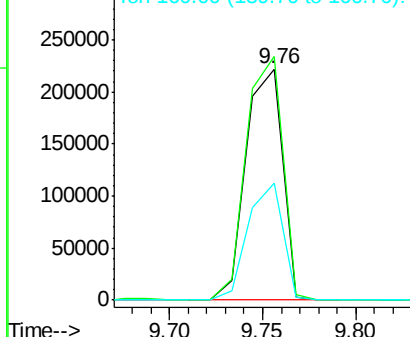
Lab File: BF084732.D

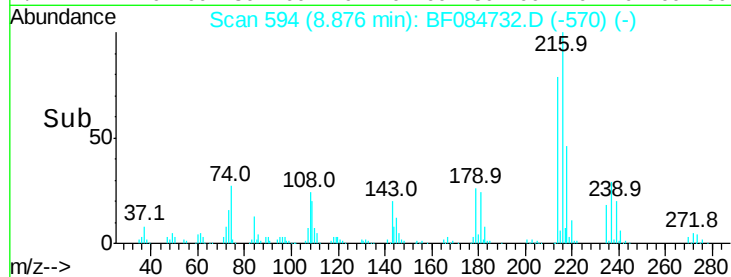
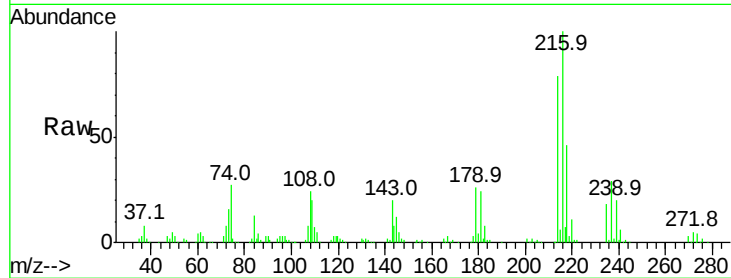
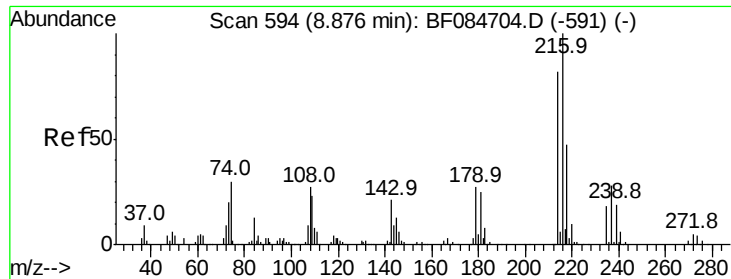
Acq: 2 Feb 2016 1:55

Tgt Ion:	164	Resp:	302004
Ion Ratio	Lower	Upper	
164	100		
162	105.2	85.1	127.7
160	50.4	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





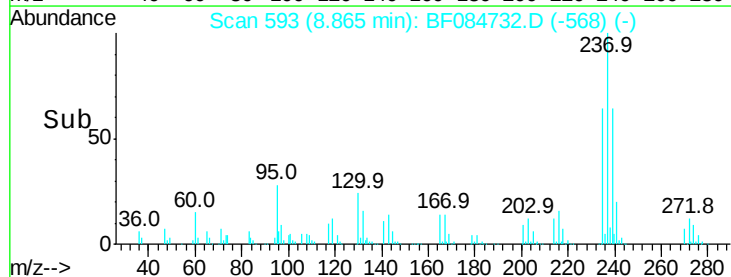
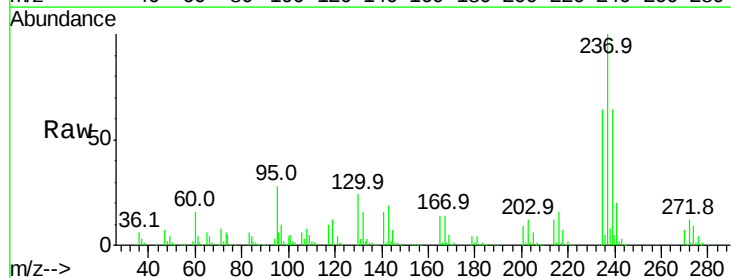
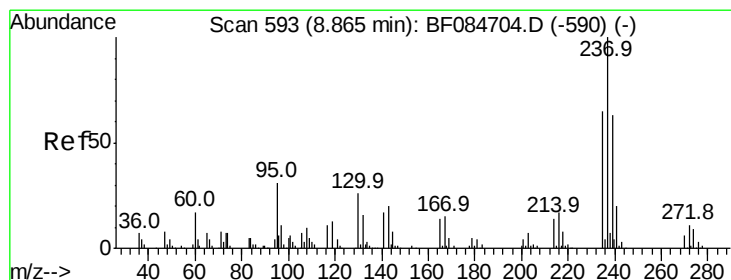
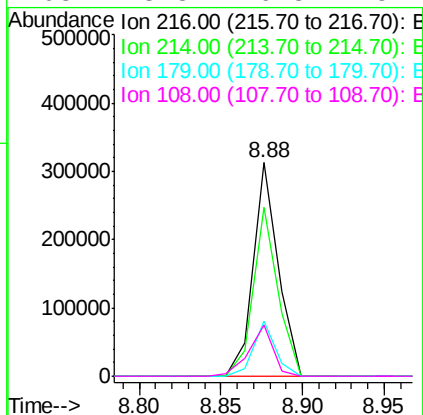
#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.82 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

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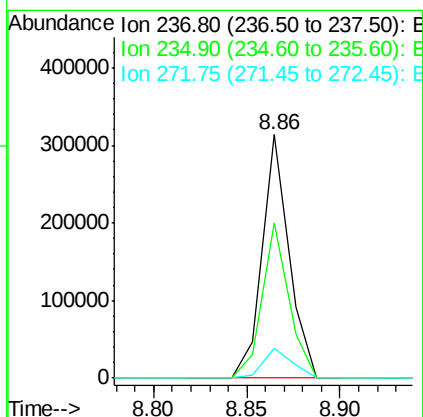
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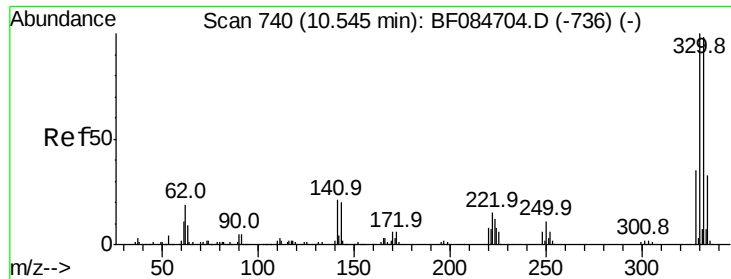
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.6	64.2	96.2
179	23.2	18.7	28.1
108	23.3	16.8	25.2



#40
Hexachlorocyclopentadiene
Concen: 75.21 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	43.1	83.1
272	12.0	0.0	35.1





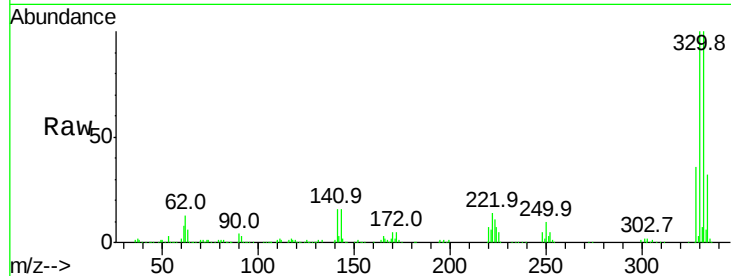
#41
 2,4,6-Tribromophenol
 Concen: 142.50 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

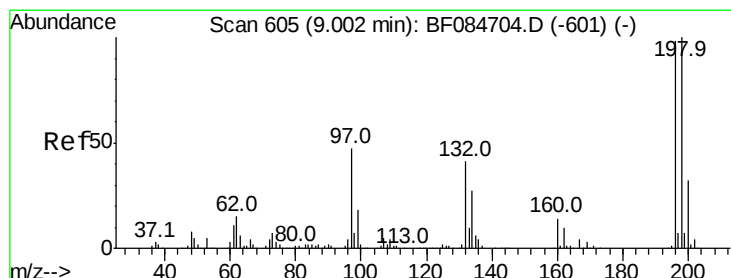
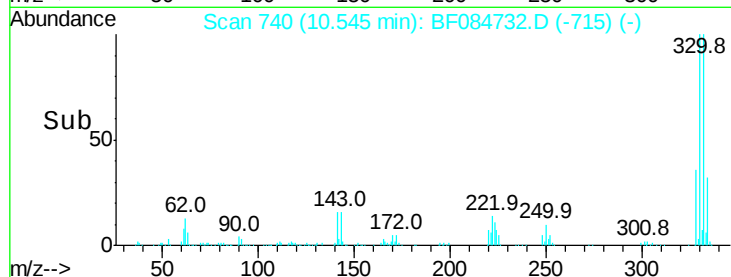
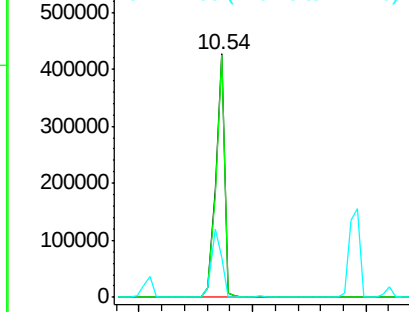
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.2	76.6	114.8	
141	32.1	27.8	41.6	

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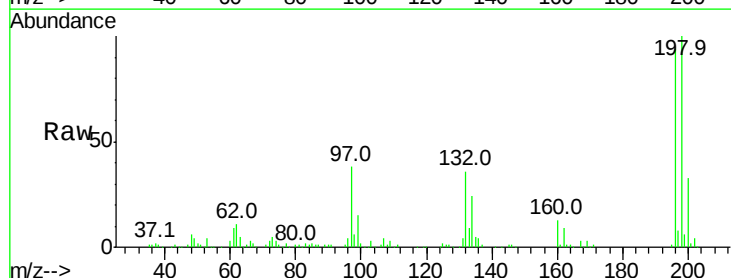


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

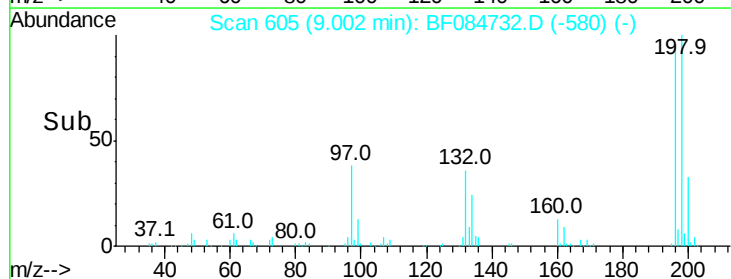
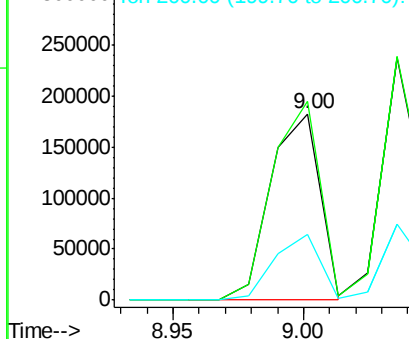


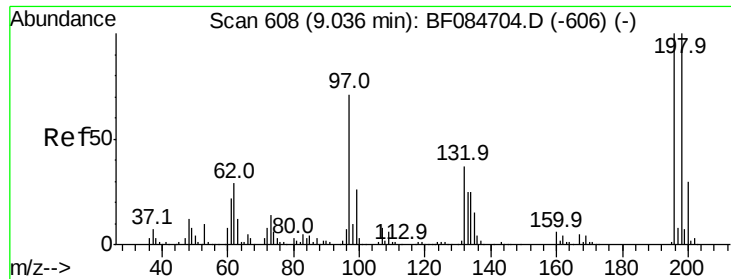
#42
 2,4,6-Trichlorophenol
 Concen: 39.06 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	106.6	77.7	116.5	
200	35.4	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





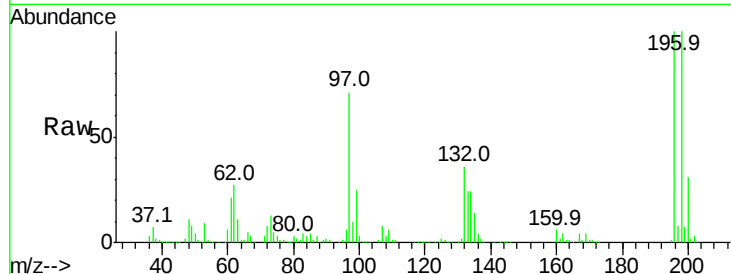
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	249287		
198	100.5	79.0	118.6	
97	70.9	33.0	49.6	
132	36.4	21.1	31.7	

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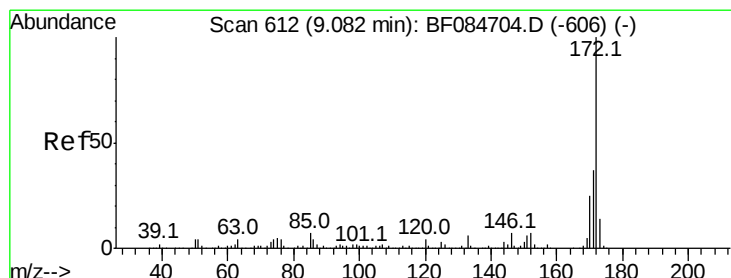
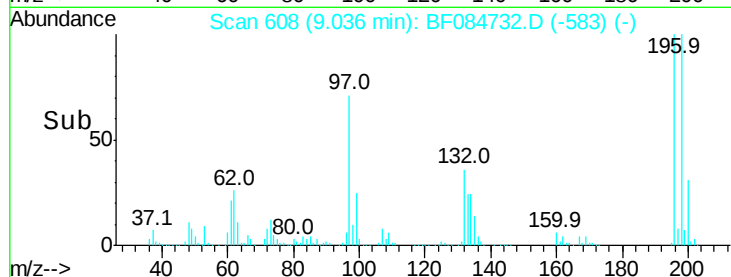
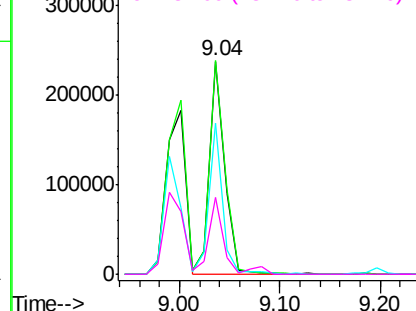
Abundance

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: 105.07 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

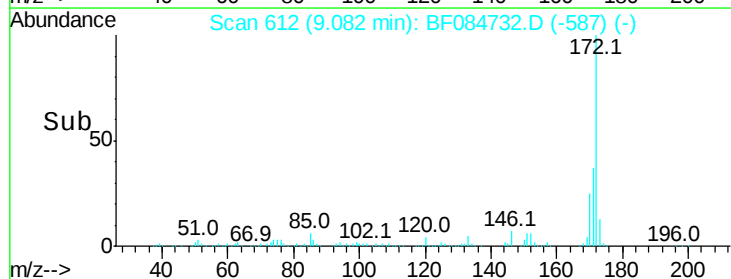
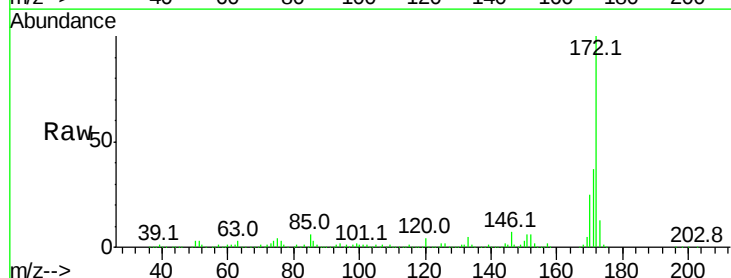
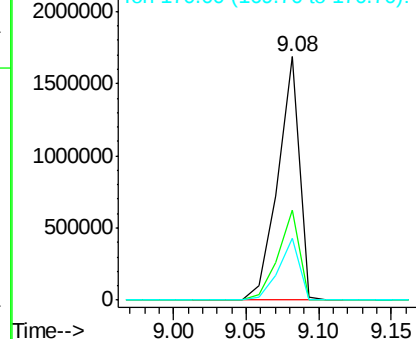
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1735320		
171	37.1	28.9	43.3	
170	25.3	18.6	27.8	

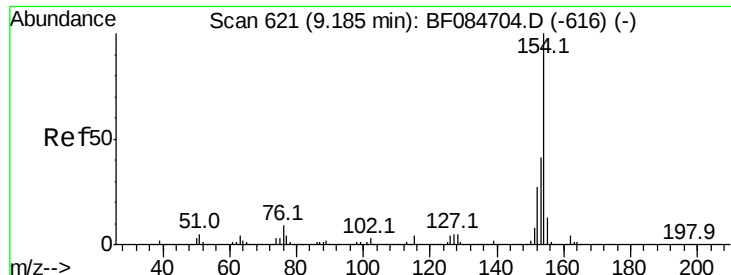
Abundance

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: 35.78 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

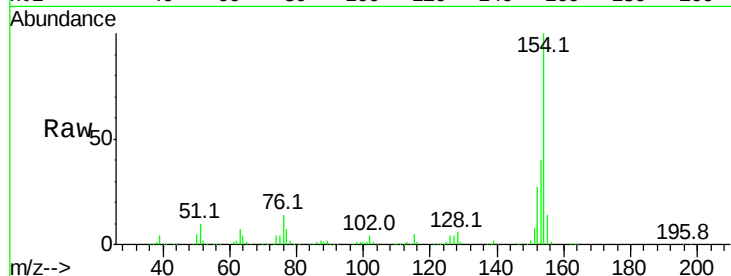
ClientSampleId :

EP002MS

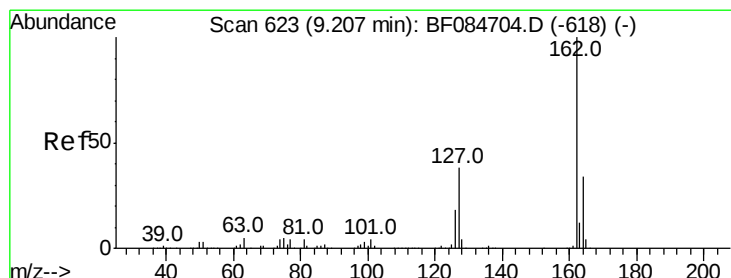
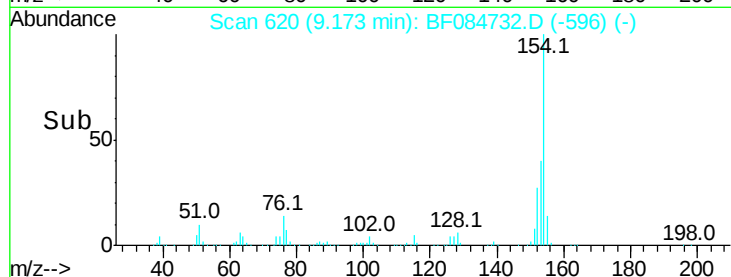
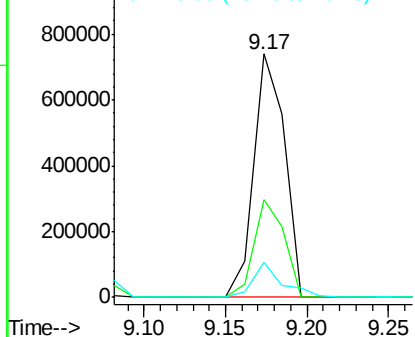
Tot Ion:	154	Resp:	965270
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.6	61.6
76	14.2	0.0	32.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.18 ng

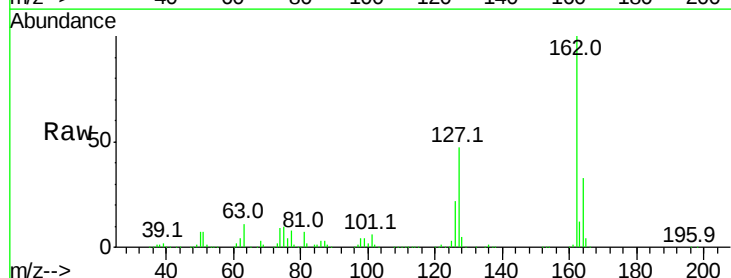
RT: 9.20 min Scan# 622

Delta R.T. -0.02 min

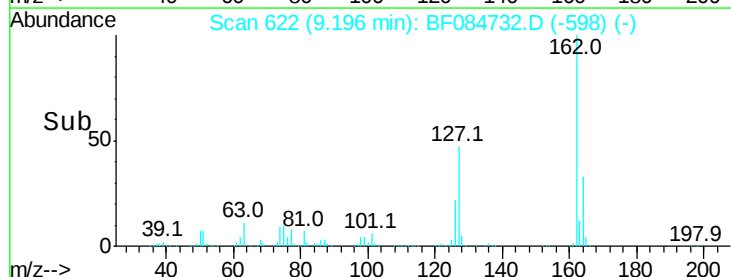
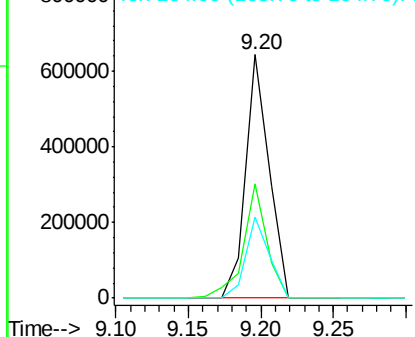
Lab File: BF084732.D

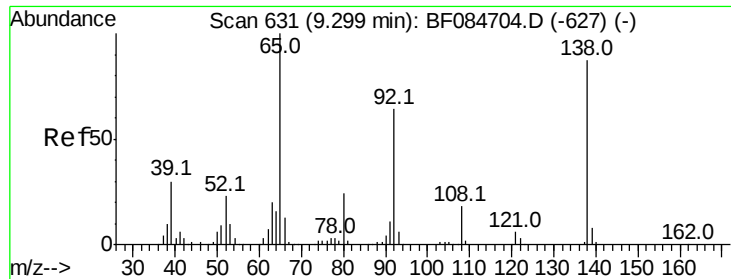
Acq: 2 Feb 2016 1:55

Tgt Ion:	162	Resp:	718770
Ion Ratio	Lower	Upper	
162	100		
127	47.1	40.2	60.4
164	33.3	25.7	38.5



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





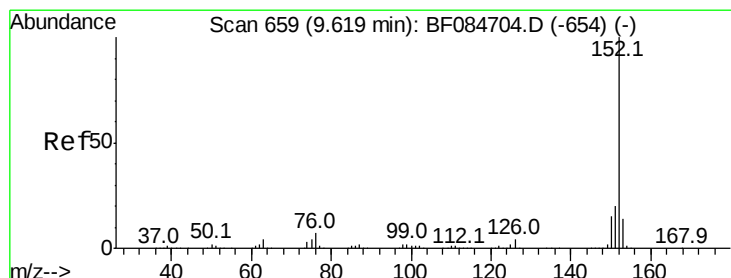
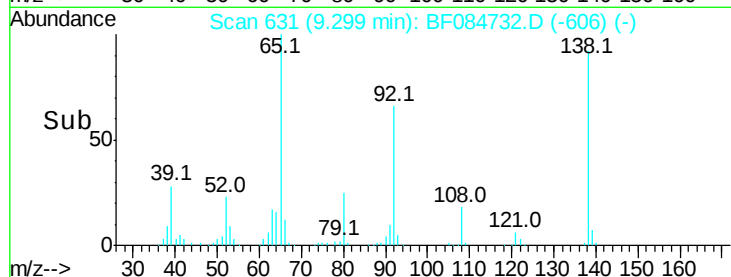
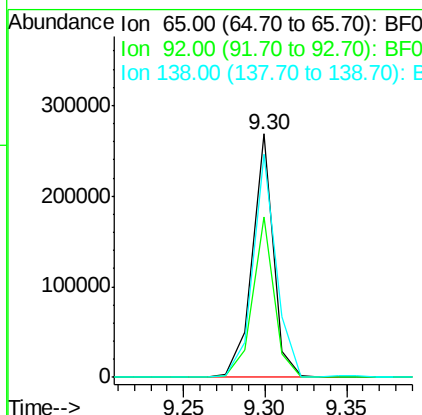
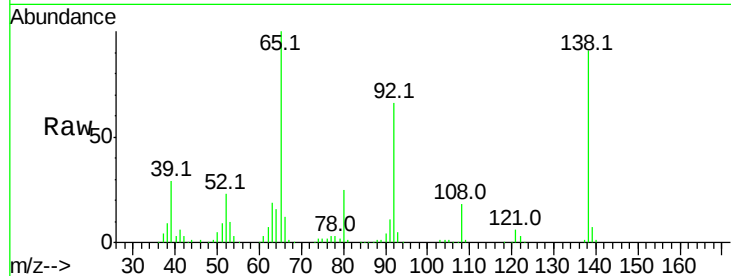
#47
2-Nitroaniline
Concen: 38.28 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.4	80.2
138	91.4	71.1	106.7

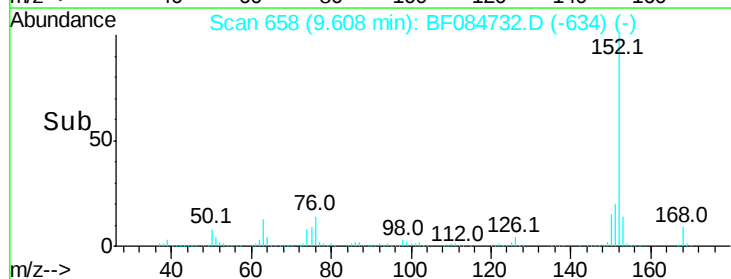
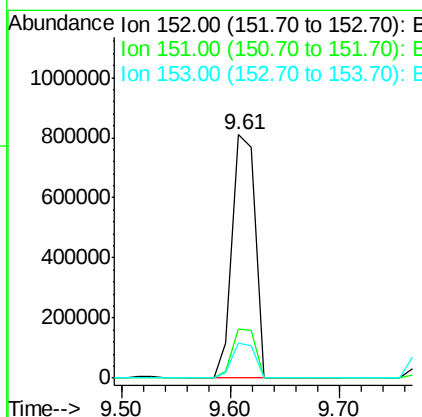
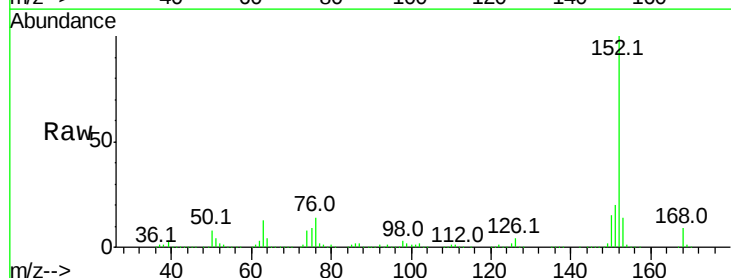
Manual Integrations
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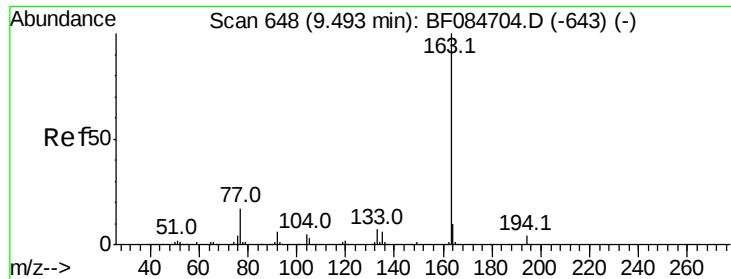
mohammad
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#48
Acenaphthylene
Concen: 38.71 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.4	10.4	15.6





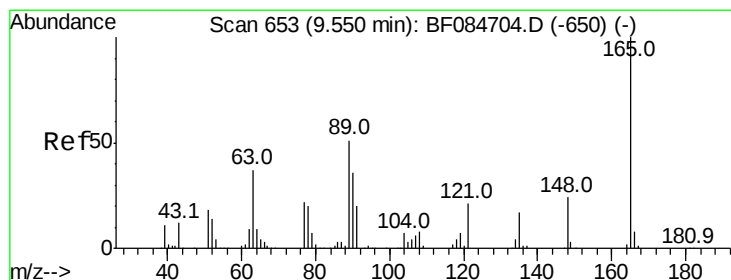
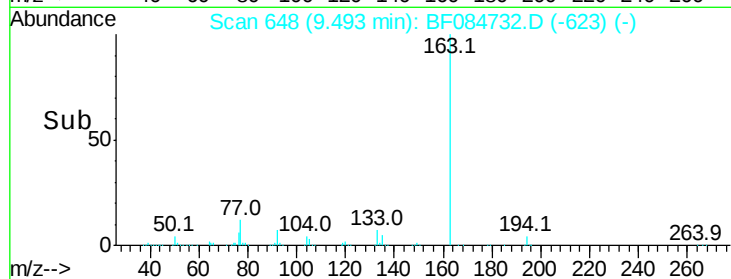
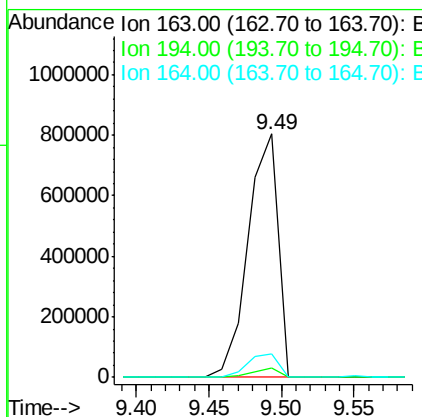
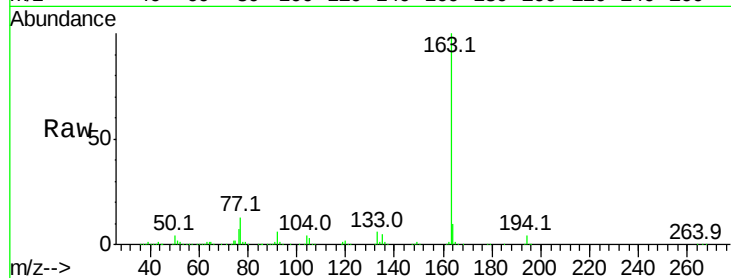
#49
Dimethylphthalate
Concen: 50.00 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	1150131		
194	3.6	8.0	12.0#	
164	9.6	8.0	12.0	

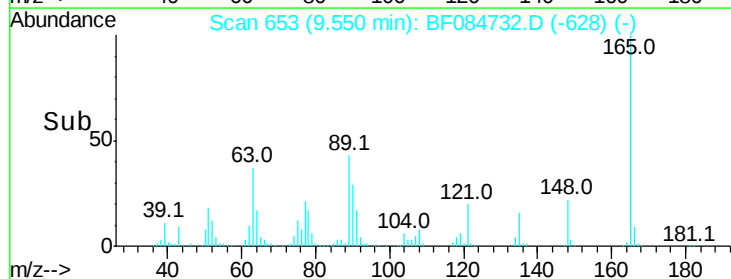
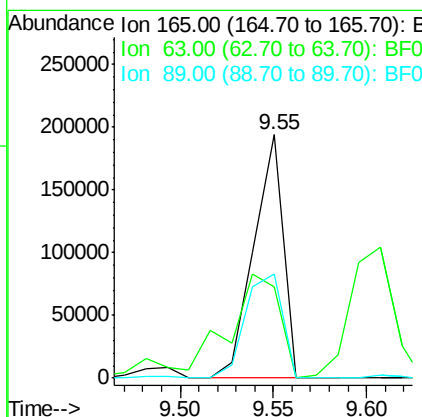
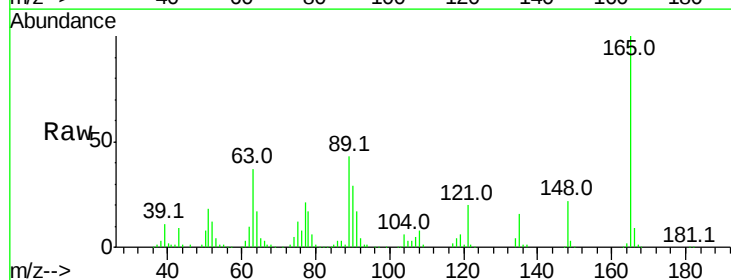
Manual Integrations
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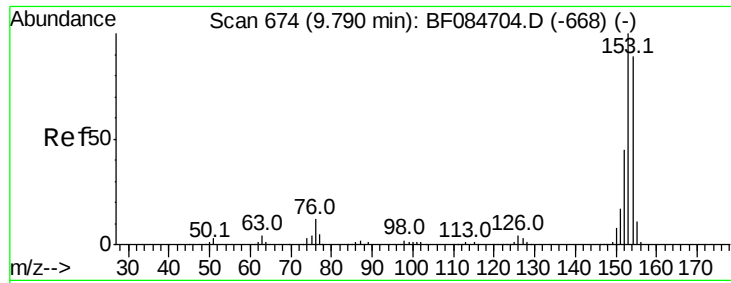
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.17 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211893		
63	37.4	28.8	43.2	
89	42.9	35.1	52.7	





#51

Acenaphthene

Concen: 37.99 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

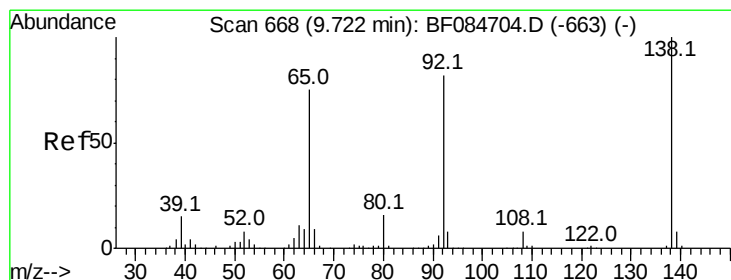
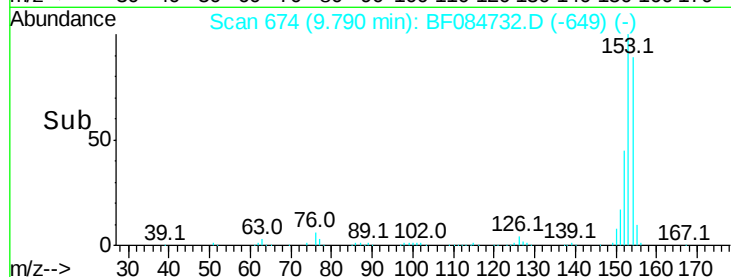
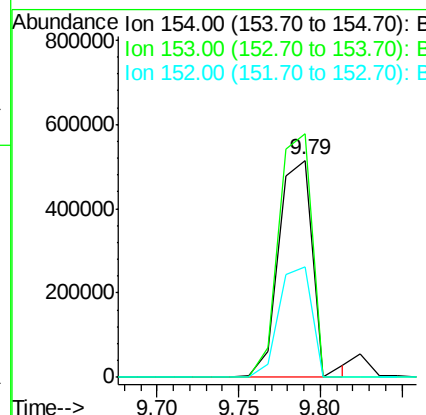
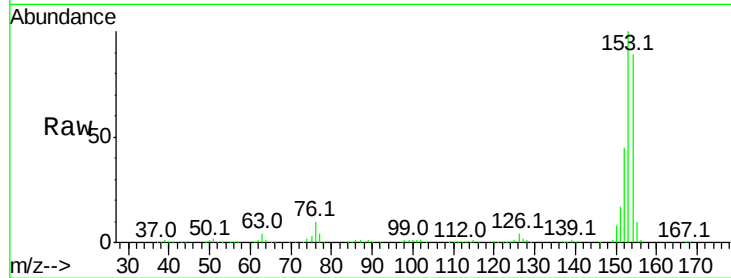
ClientSampleId :

EP002MS

Tot Ion:	154	Resp:	745027
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.5	137.3
152	50.7	43.0	64.6

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.37 ng

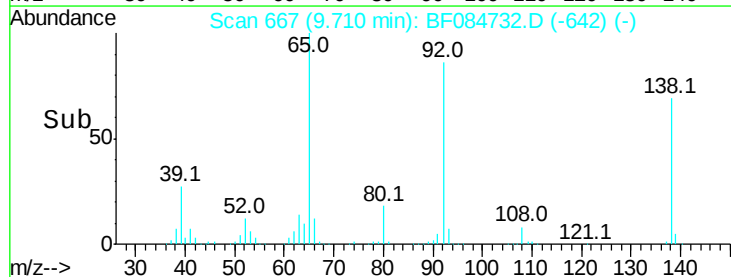
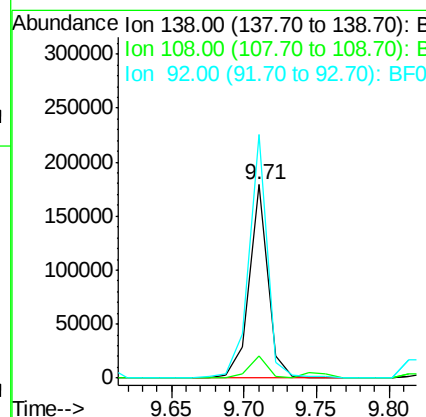
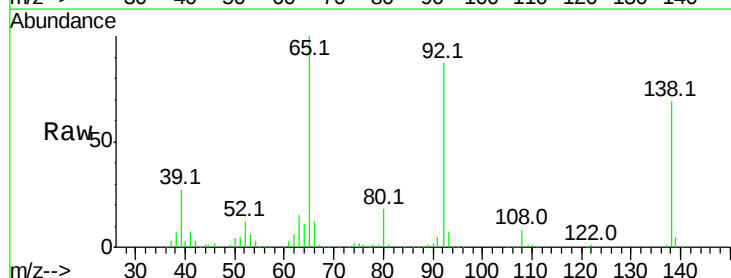
RT: 9.71 min Scan# 667

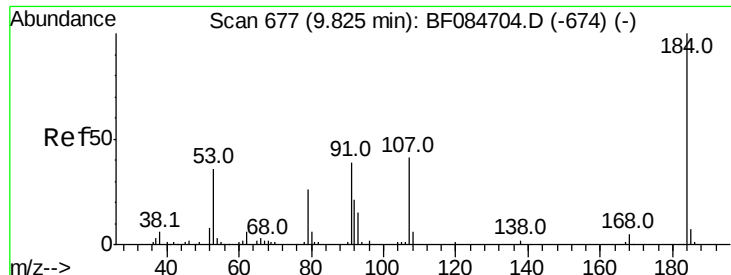
Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:	138	Resp:	160171
Ion Ratio	Lower	Upper	
138	100		
108	11.2	10.5	15.7
92	125.8	103.9	155.9





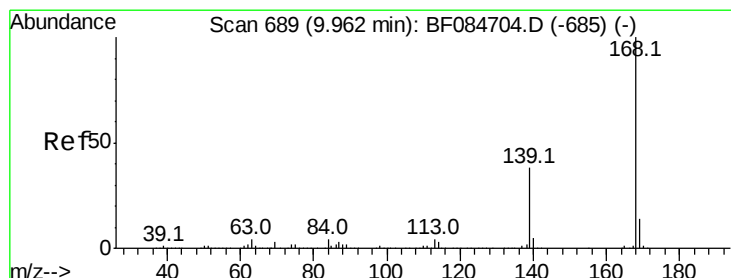
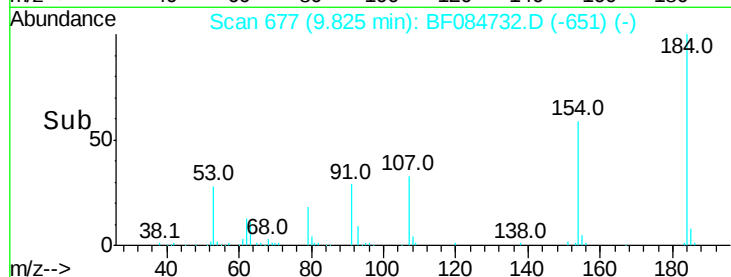
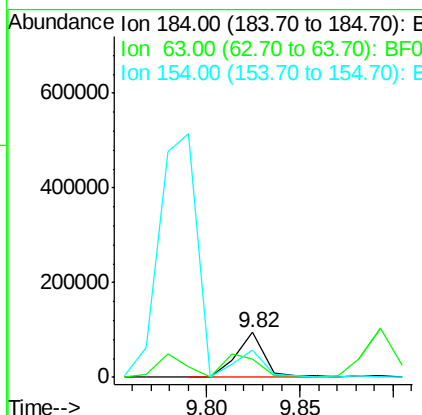
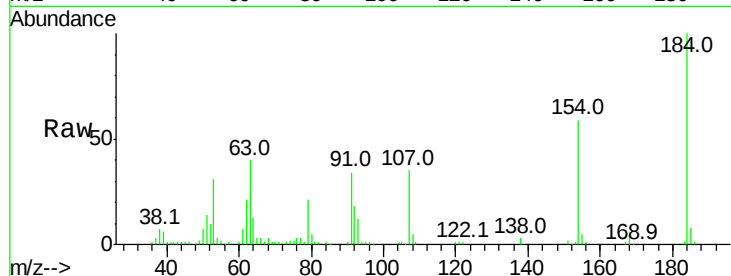
#53
 2,4-Dinitrophenol
 Concen: 46.17 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	40.2	43.1	64.7#	
154	59.5	60.5	90.7#	

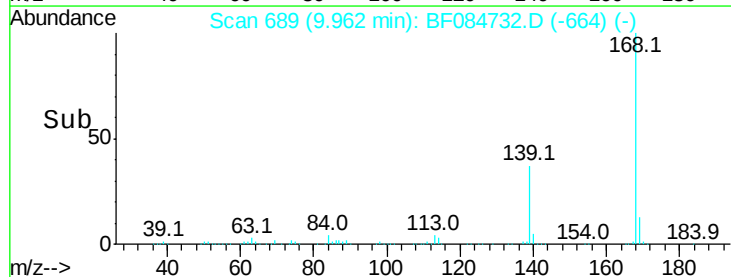
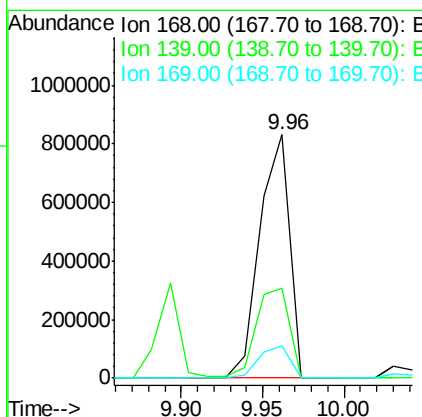
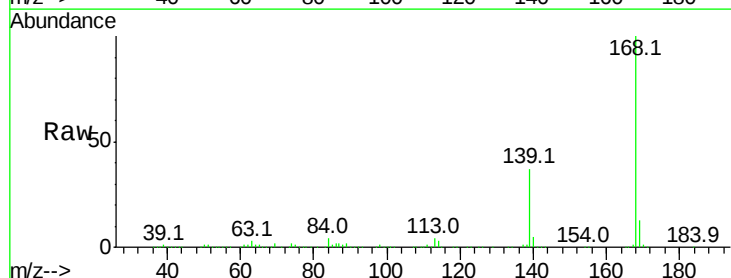
Manual Integrations
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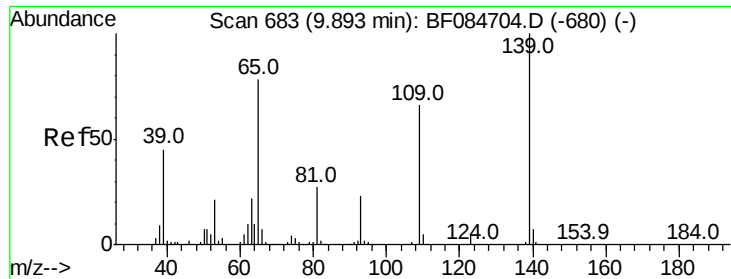
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#54
 Dibenzofuran
 Concen: 43.86 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.9	30.5	45.7	
169	13.3	10.4	15.6	





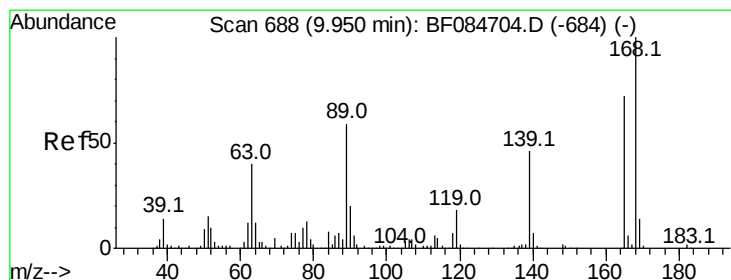
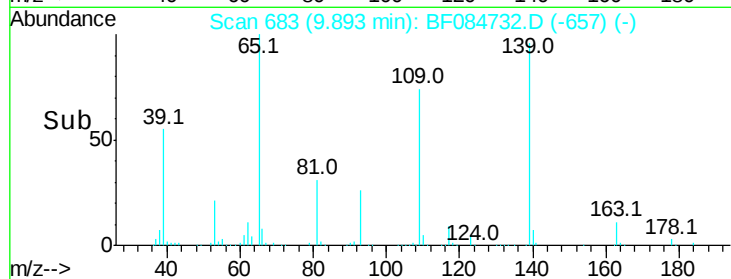
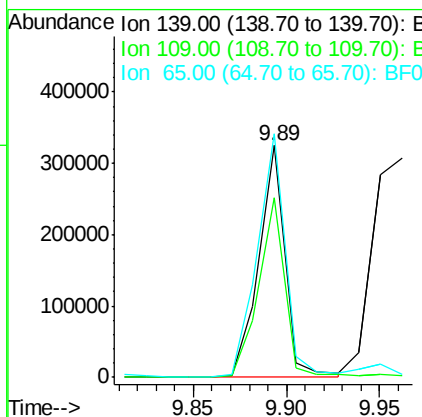
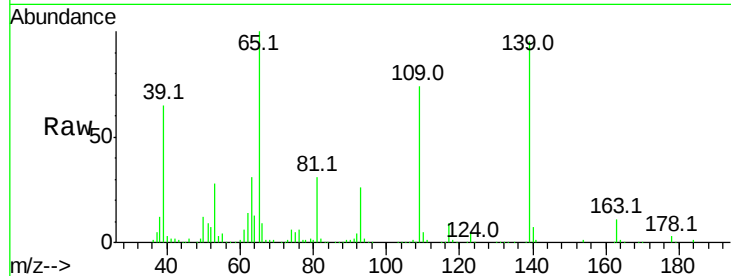
#55
4-Nitrophenol
Concen: 75.76 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	314407		
109	77.3	58.5	98.5	
65	105.1	57.6	97.6	

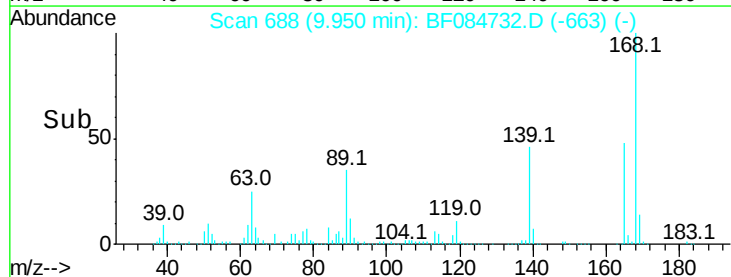
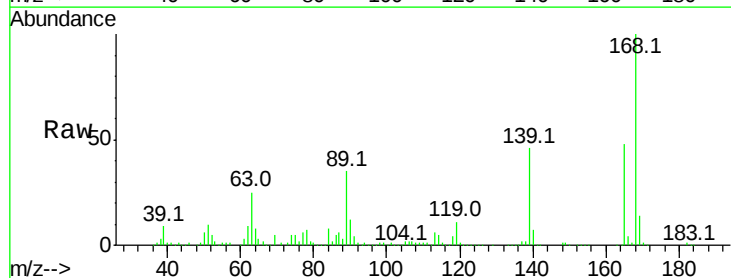
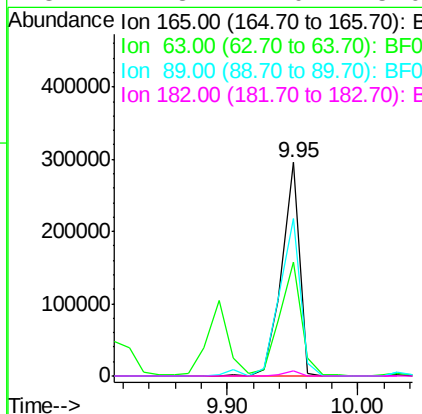
Manual Integrations
APPROVED

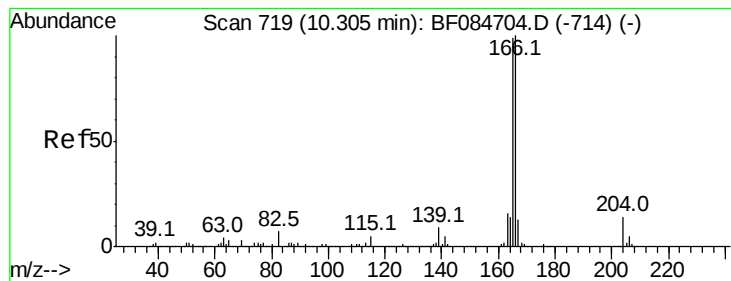
mohammad
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#56
2,4-Dinitrotoluene
Concen: 44.52 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	285355		
63	53.2	36.7	55.1	
89	73.7	61.9	92.9	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 38.34 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

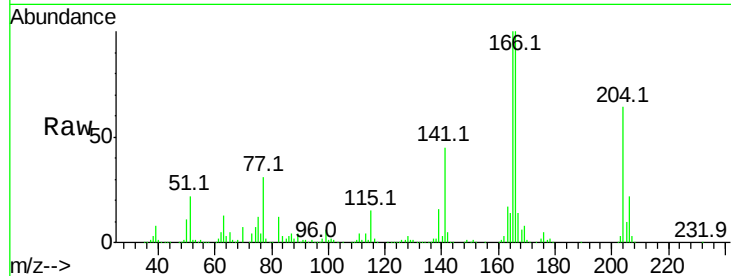
ClientSampleId :

EP002MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	767436		
165	100.3		79.1	118.7
167	14.4		10.4	15.6

Manual Integrations
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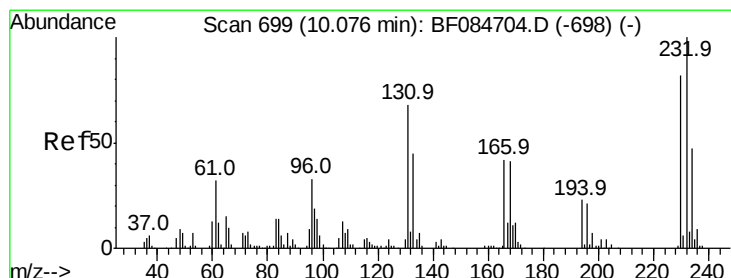
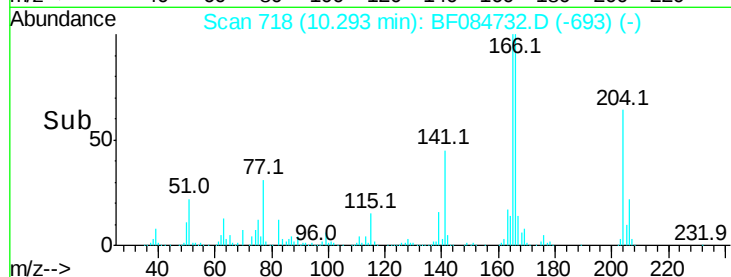
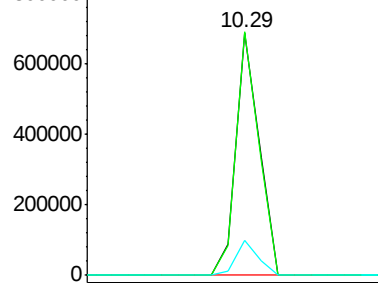


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.55 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	208142		
131	53.1		47.0	70.6
130	2.7		2.0	3.0
166	33.6		30.5	45.7

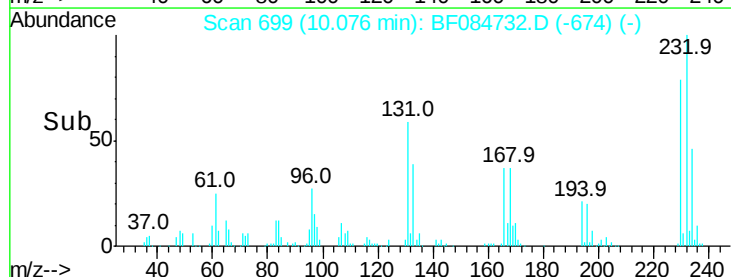
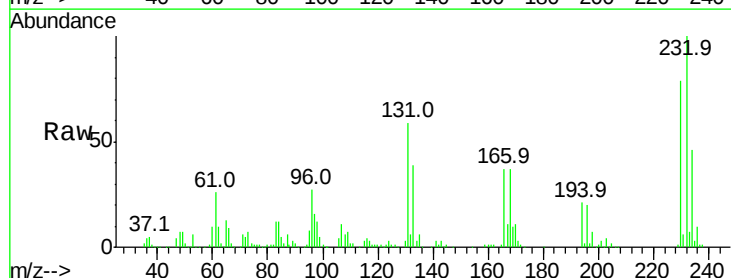
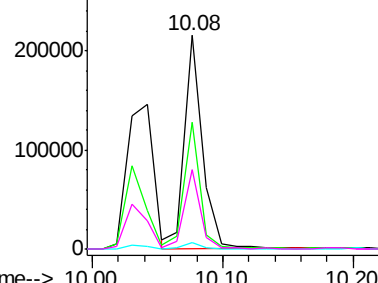
Abundance

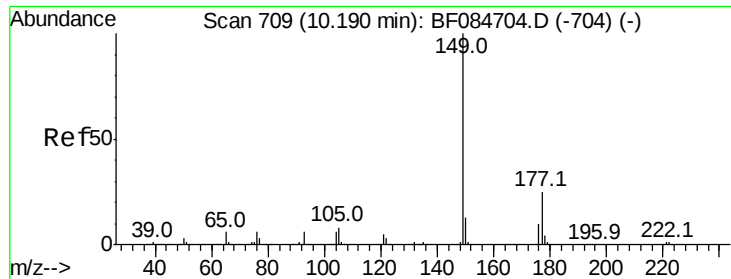
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





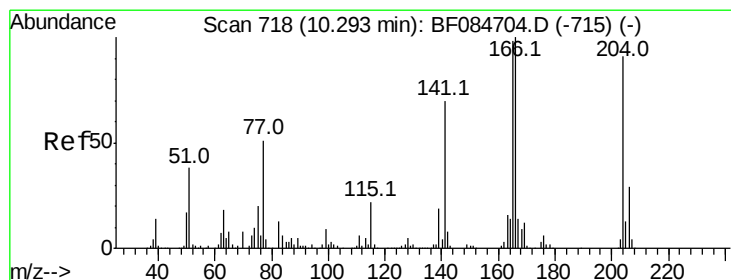
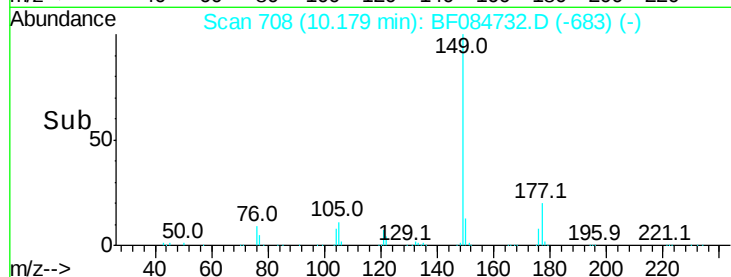
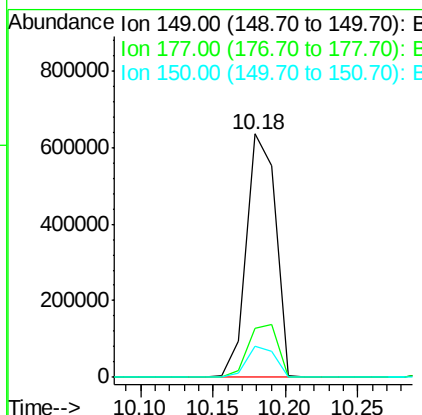
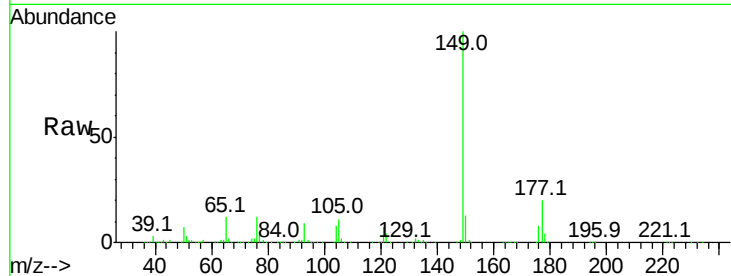
#59
Diethylphthalate
Concen: 39.46 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	886331		
177	20.4	17.3	25.9	
150	12.9	9.8	14.8	

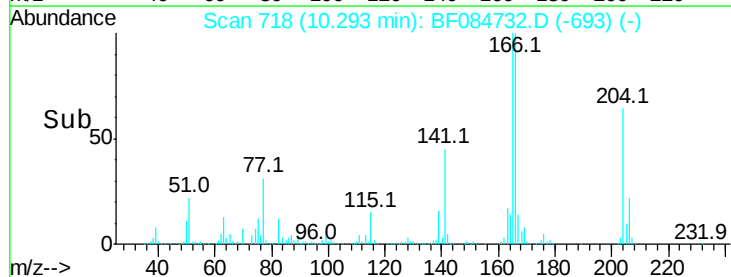
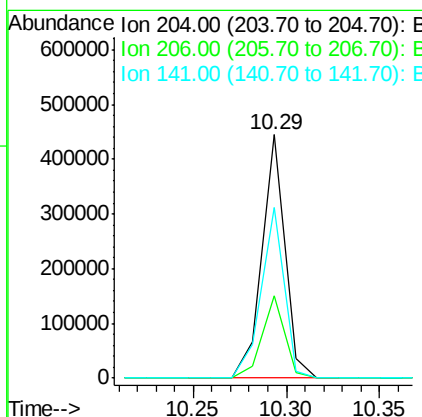
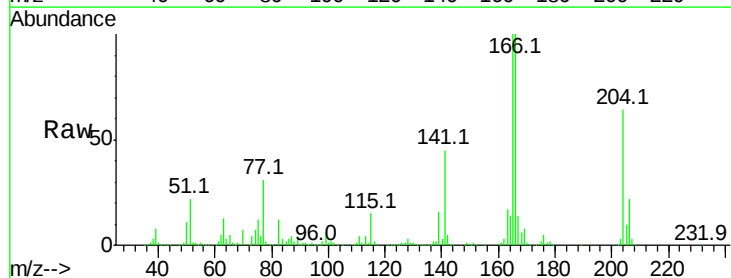
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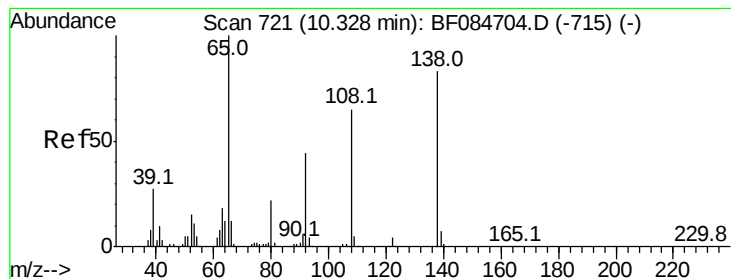
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.54 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	375201		
206	33.6	25.7	38.5	
141	69.8	55.1	82.7	





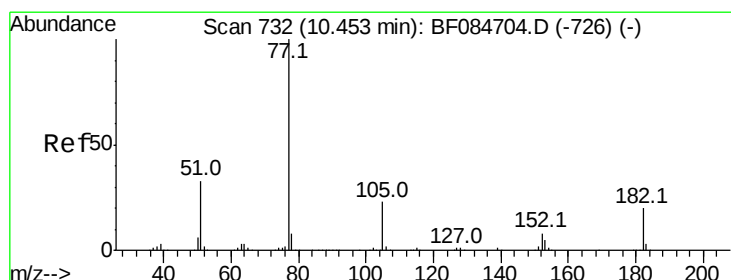
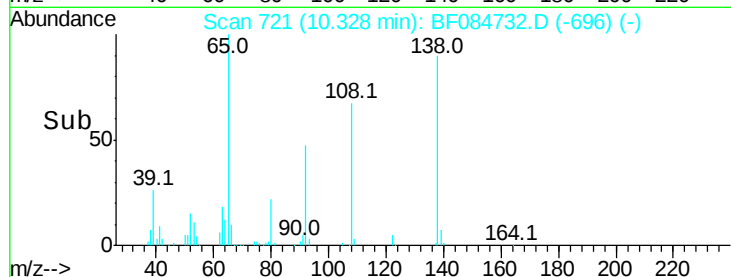
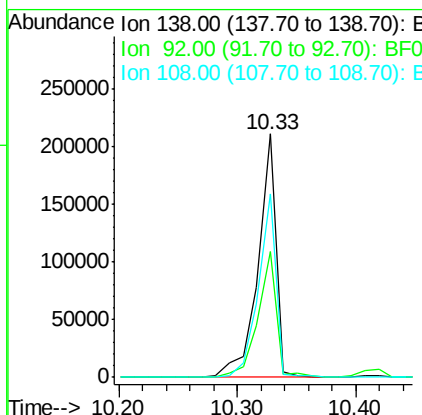
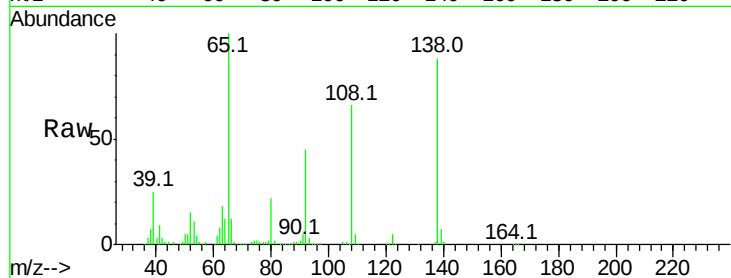
#61
4-Nitroaniline
Concen: 41.01 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	225662		
92	51.7	32.6	72.6	
108	75.6	68.6	108.6	

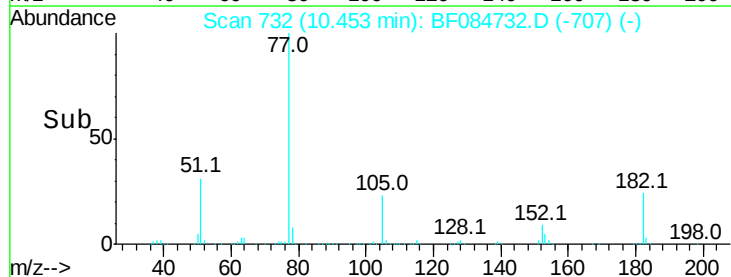
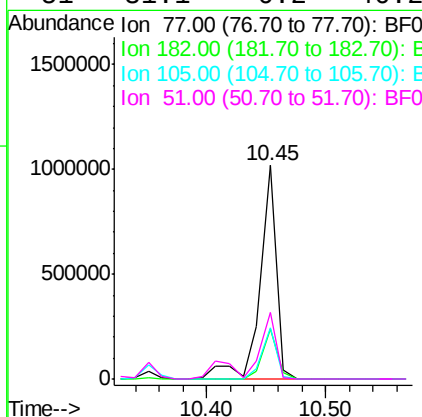
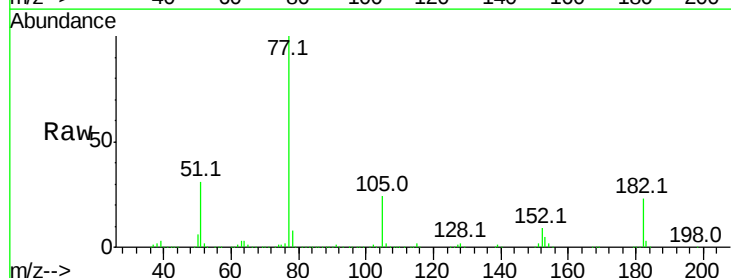
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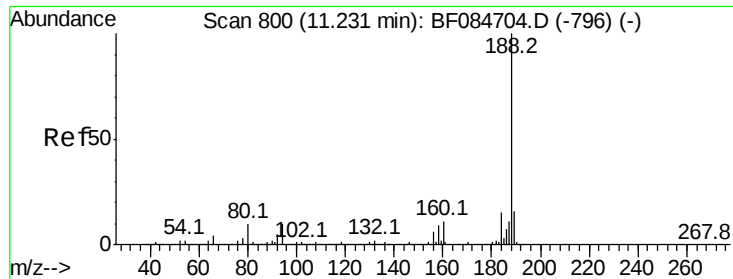
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#62
Azobenzene
Concen: 46.06 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	994711		
182	23.4	8.3	48.3	
105	24.3	4.6	44.6	
51	31.1	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: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

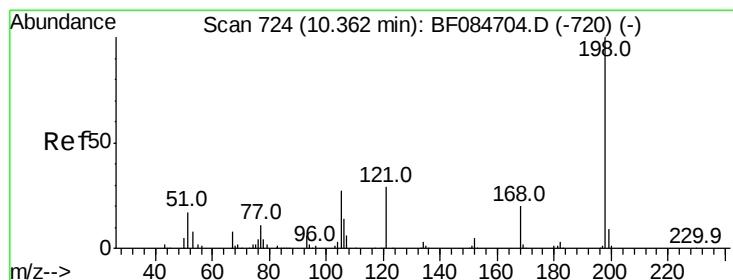
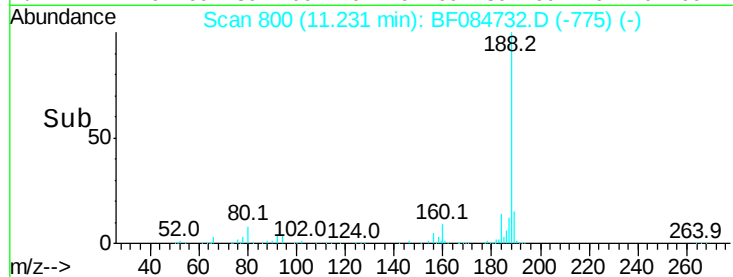
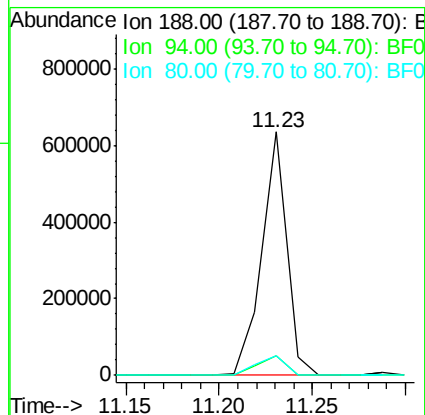
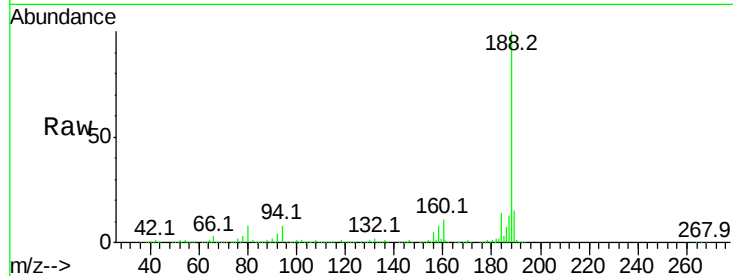
ClientSampleId :

EP002MS

Tot Ion:188	Resp: 588211
Ion Ratio Lower Upper	
188 100	
94 7.9 9.0 13.4#	
80 8.0 9.6 14.4#	

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.29 ng

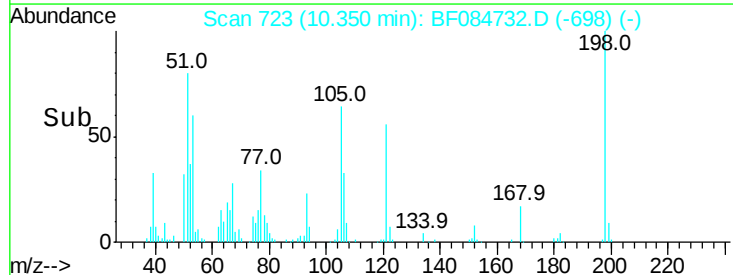
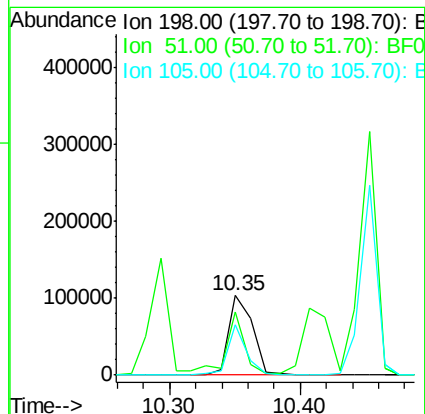
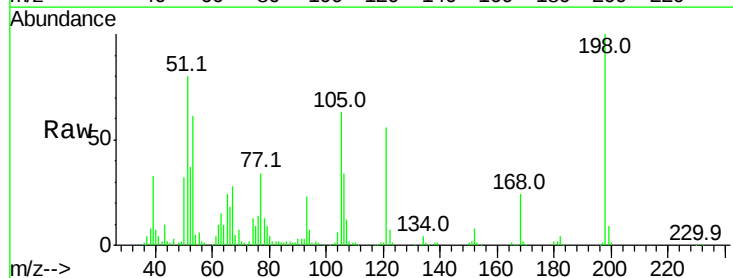
RT: 10.35 min Scan# 723

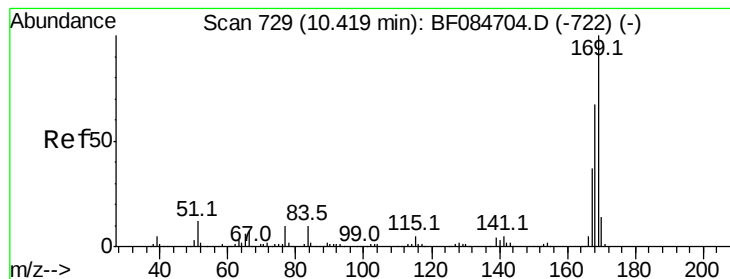
Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:198	Resp: 131759
Ion Ratio Lower Upper	
198 100	
51 79.7 18.9 58.9#	
105 63.3 26.4 66.4	





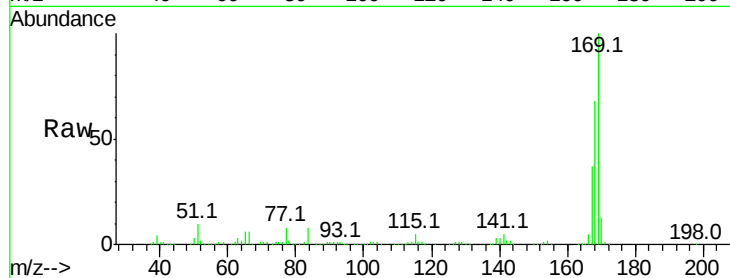
#65
 n-Nitrosodiphenylamine
 Concen: 42.10 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

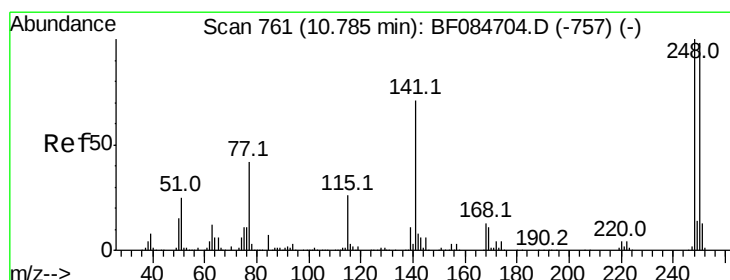
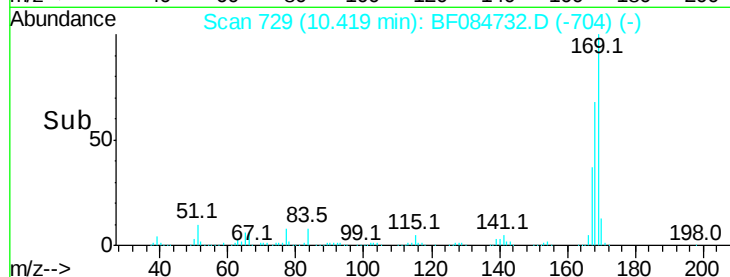
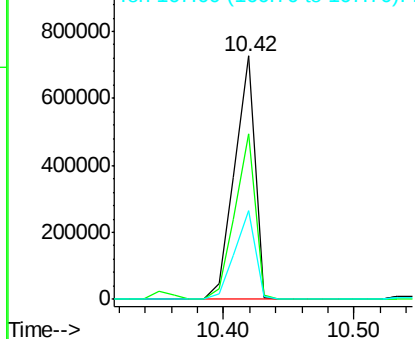
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.8	55.1	82.7	
167	36.6	30.0	45.0	

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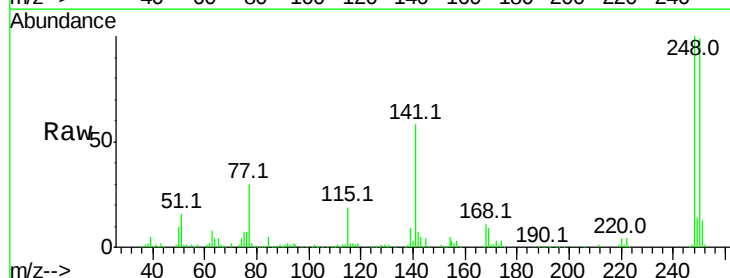


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

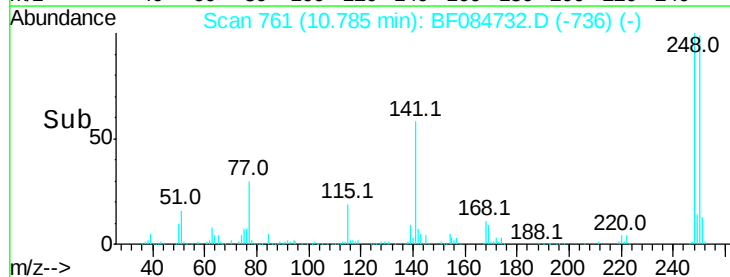
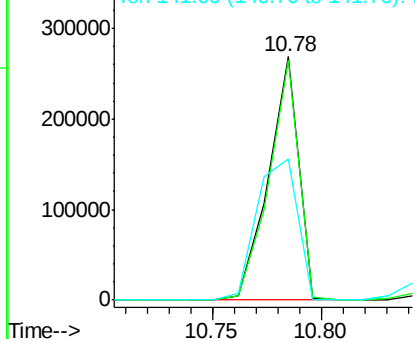


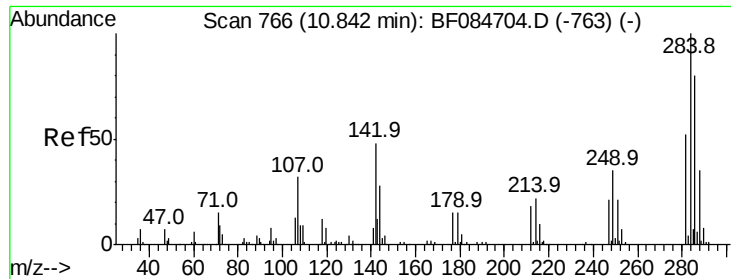
#66
 4-Bromophenyl-phenylether
 Concen: 40.35 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.7	78.4	117.6	
141	58.1	44.0	66.0	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.81 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

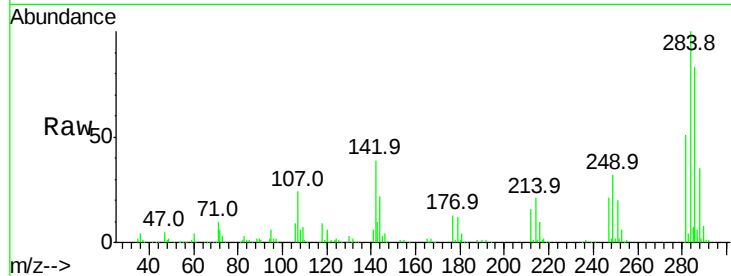
ClientSampleId :

EP002MS

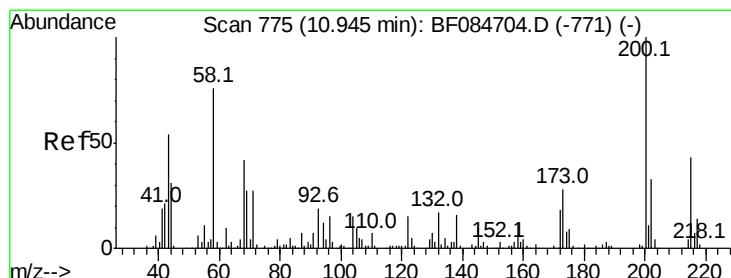
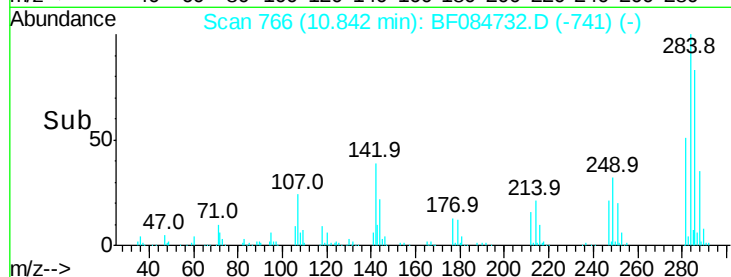
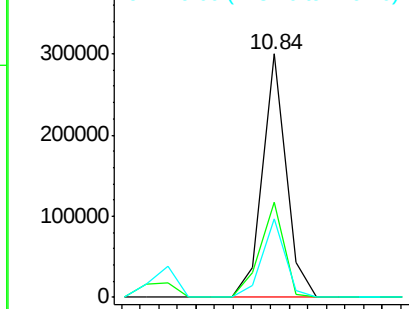
Tot Ion:	284	Resp:	260567
Ion Ratio		Lower	Upper
284	100		
142	38.9	22.2	33.4#
249	32.1	24.6	37.0

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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: 37.19 ng

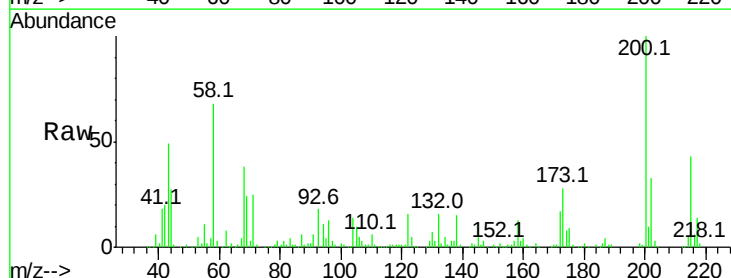
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

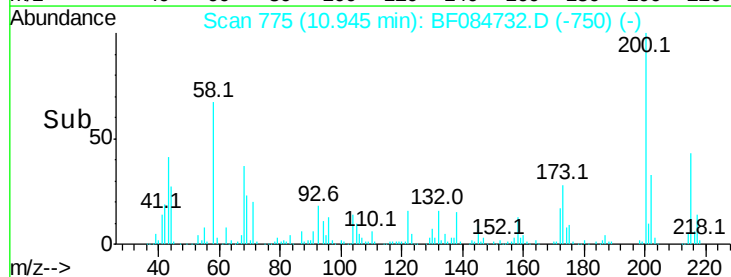
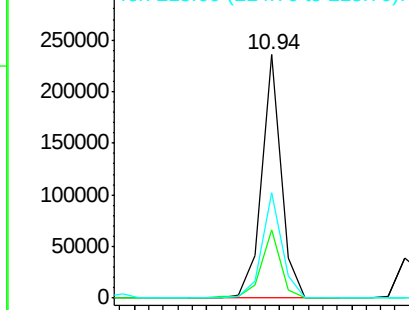
Lab File: BF084732.D

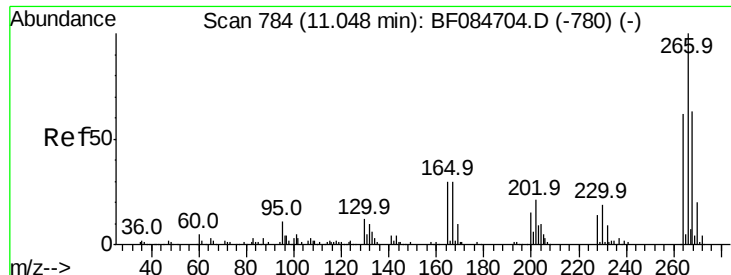
Acq: 2 Feb 2016 1:55

Tgt Ion:	200	Resp:	219345
Ion Ratio		Lower	Upper
200	100		
173	28.0	9.5	49.5
215	43.5	23.8	63.8



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





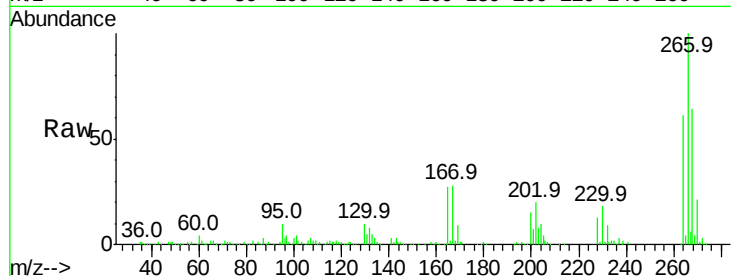
#69
 Pentachlorophenol
 Concen: 76.69 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

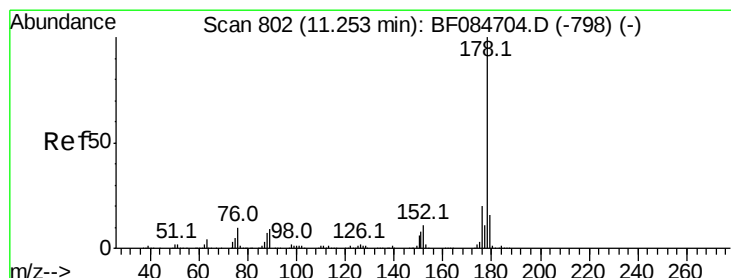
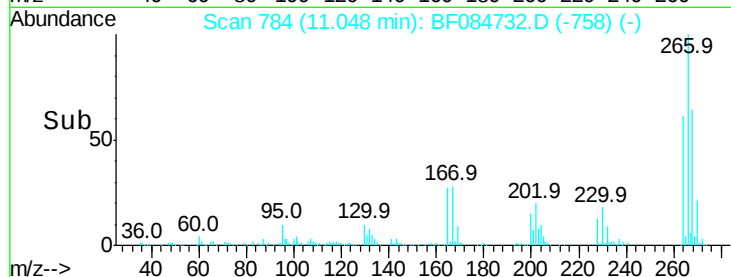
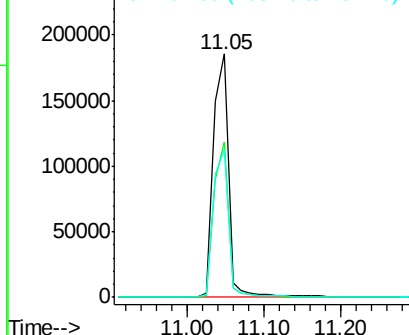
Tot Ion	Ratio	Resp	Lower	Upper
266	100	255126		
268	63.5		52.4	78.6
264	60.7		50.2	75.2

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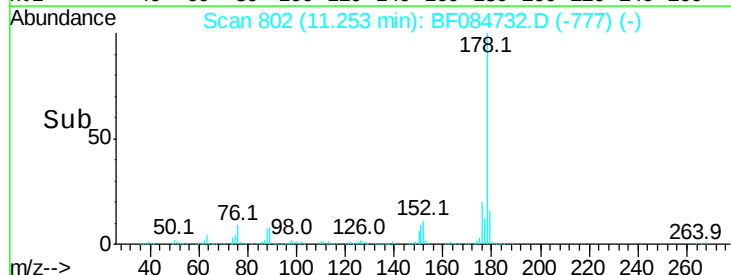
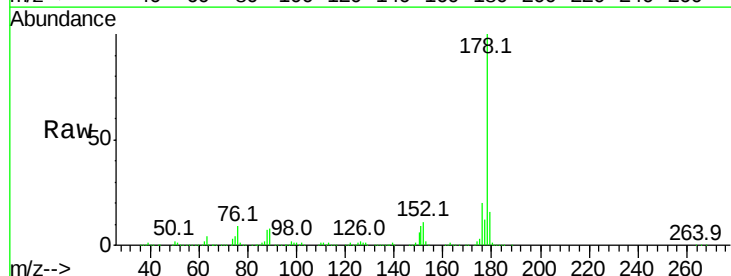
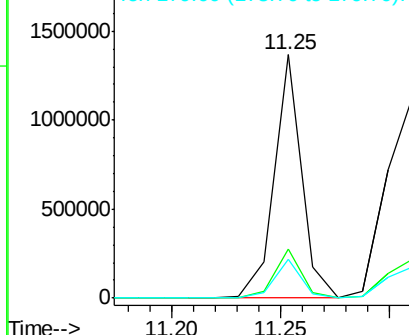
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

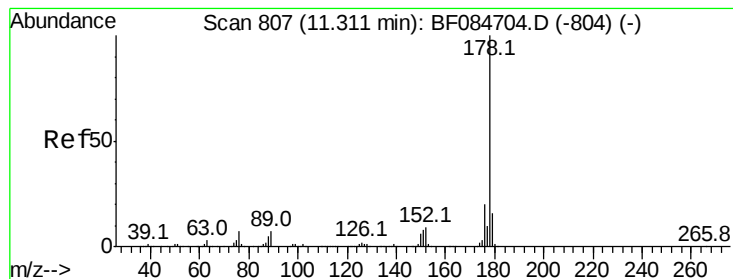


#70
 Phenanthrene
 Concen: 36.78 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1200020		
176	20.1		15.3	22.9
179	16.0		12.0	18.0

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





#71

Anthracene

Concen: 39.78 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

ClientSampleId :

EP002MS

Tot Ion:178 Resp: 1307559

Ion Ratio Lower Upper

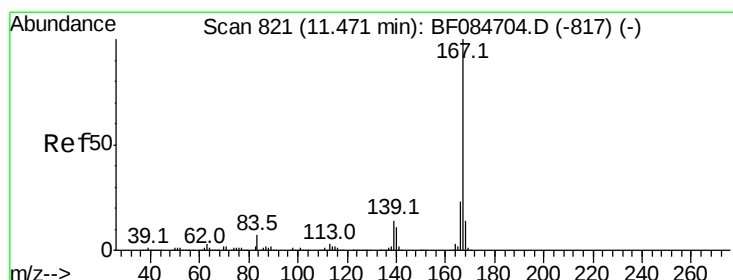
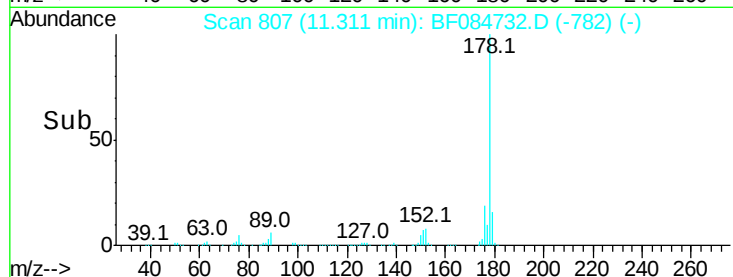
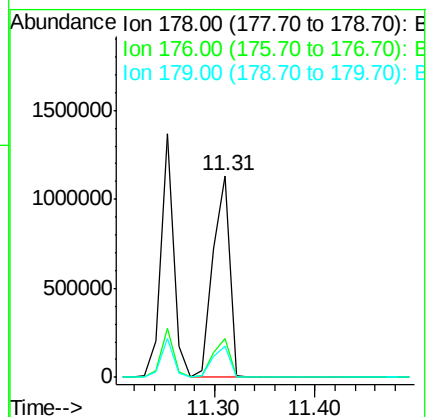
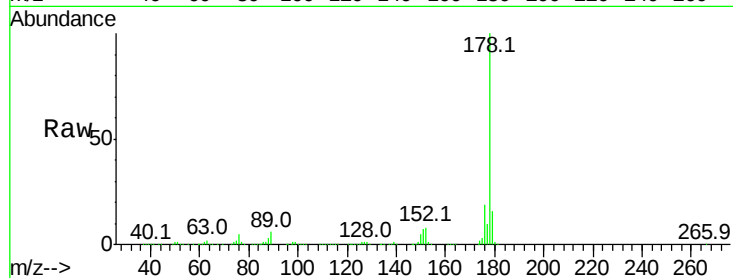
178 100

176 19.3 15.4 23.0

179 15.6 12.5 18.7

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#72

Carbazole

Concen: 39.25 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

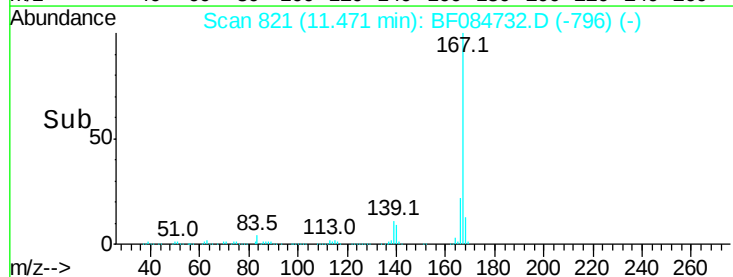
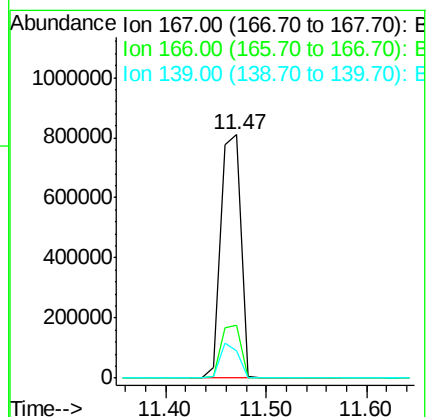
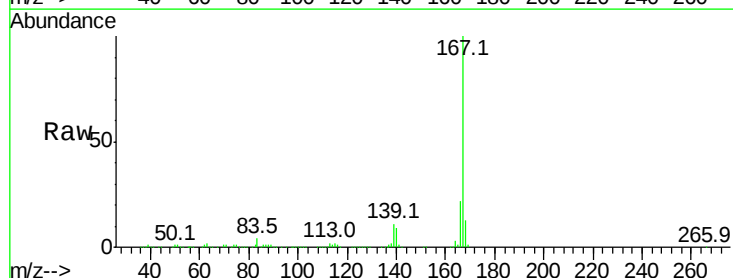
Tgt Ion:167 Resp: 1125162

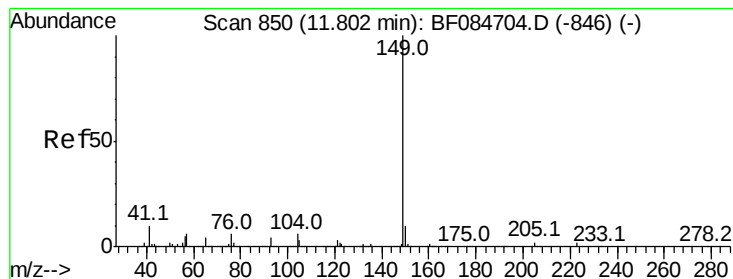
Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

139 11.4 11.8 17.8#





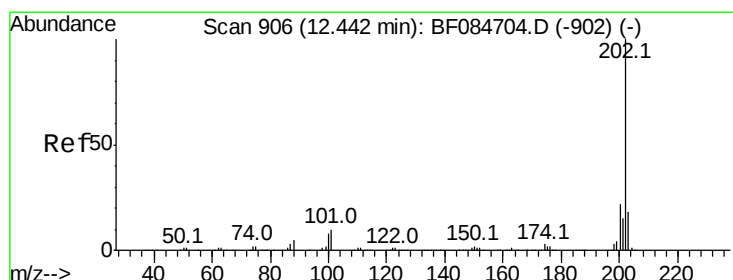
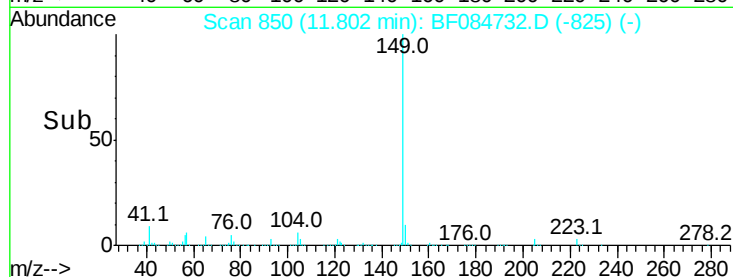
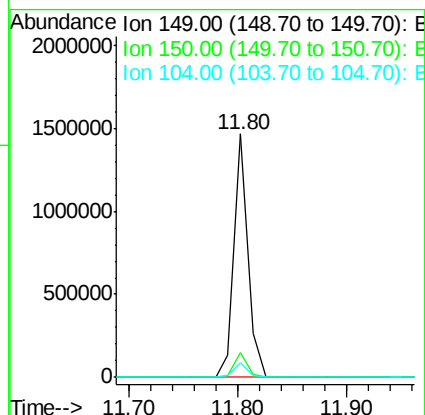
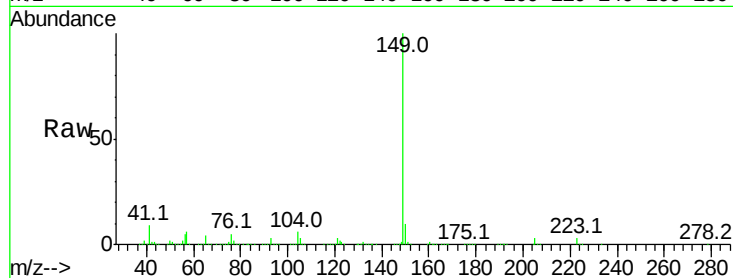
#73
Di-n-butylphthalate
Concen: 35.26 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.1	10.7
104	5.7	3.2	4.8

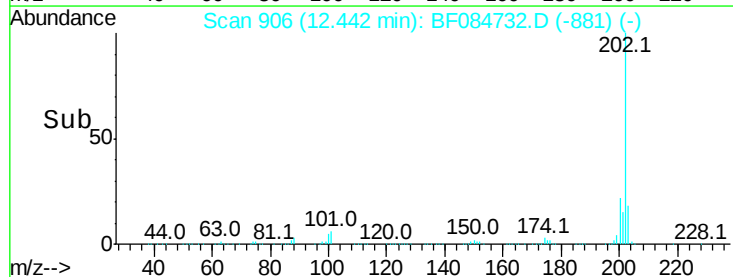
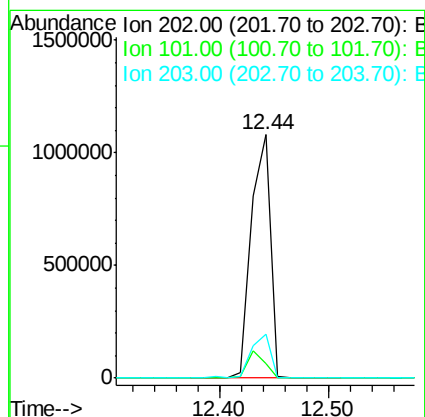
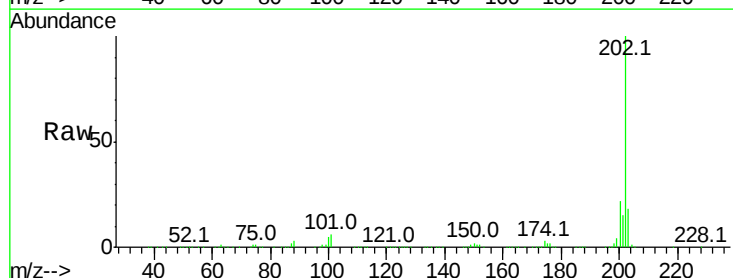
Manual Integrations
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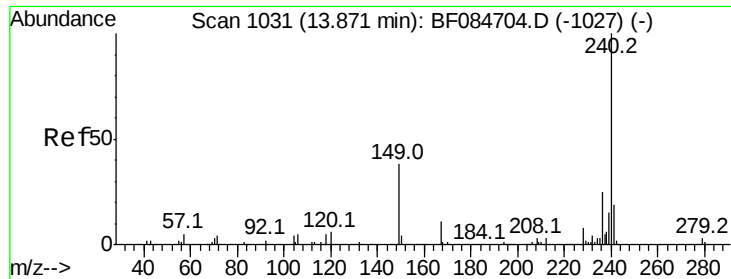
mohammad
2/2/2016 4:18:37 PM



#74
Fluoranthene
Concen: 40.26 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	32.8
203	18.0	0.0	37.9





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

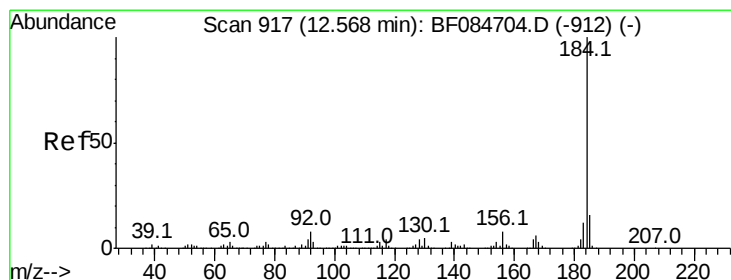
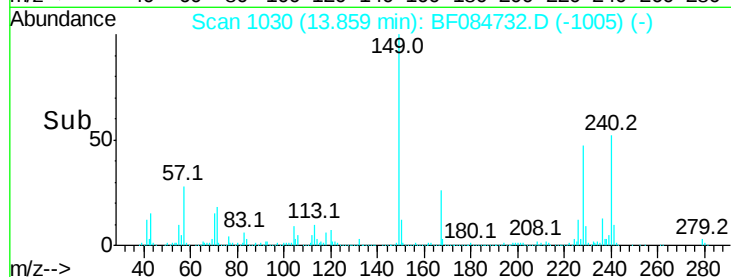
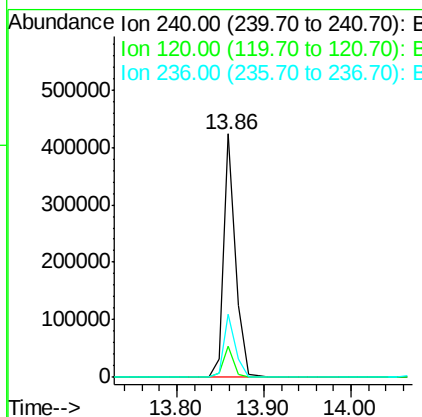
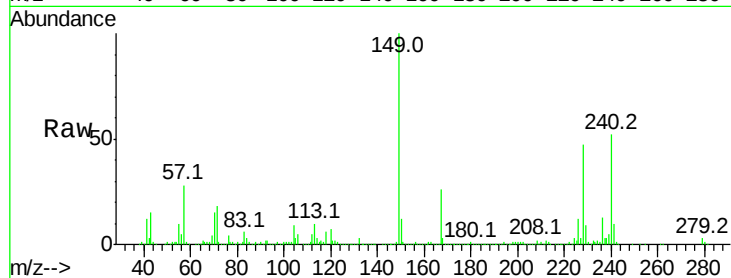
ClientSampleId :

EP002MS

Tot Ion:	240	Resp:	405795
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	25.7	20.6	31.0

Manual Integrations
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#76

Benzidine

Concen: 34.62 ng

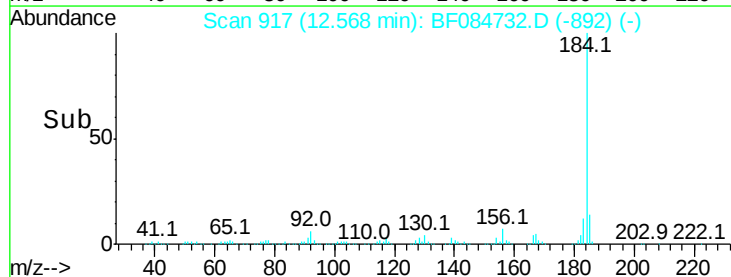
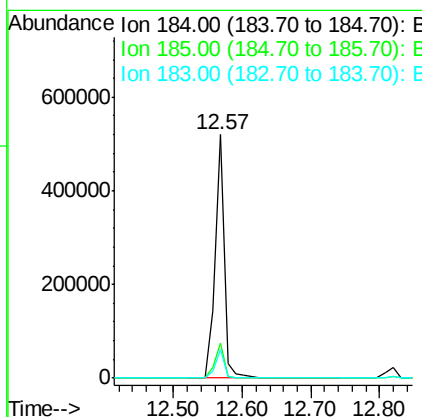
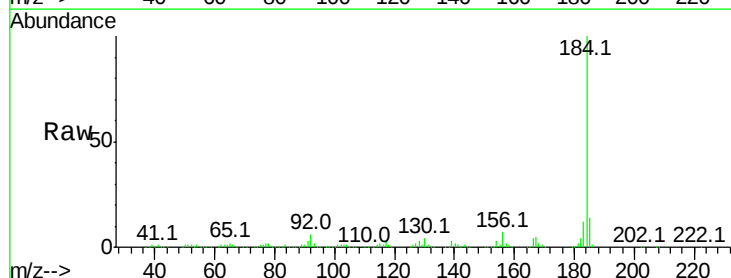
RT: 12.57 min Scan# 917

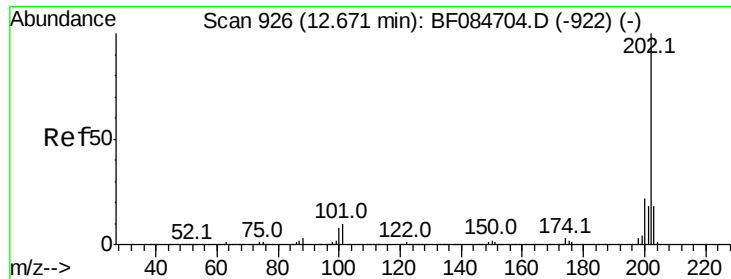
Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:	184	Resp:	498168
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.2	18.2
183	11.6	9.8	14.8





#77

Pvrene

Concen: 41.79 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

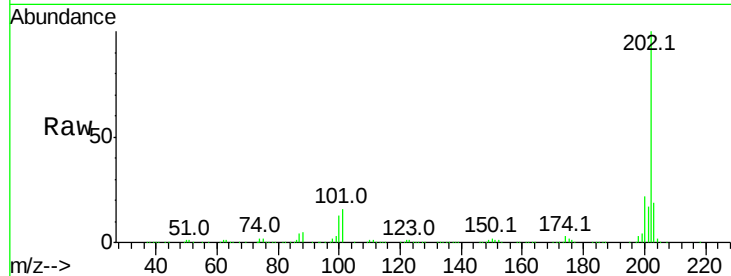
ClientSampleId :

EP002MS

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
200	21.6	17.2	25.8	
203	18.7	14.3	21.5	

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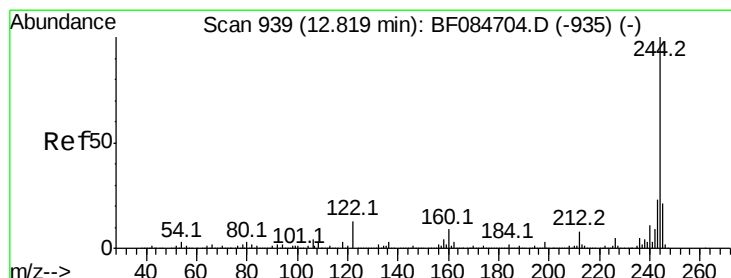
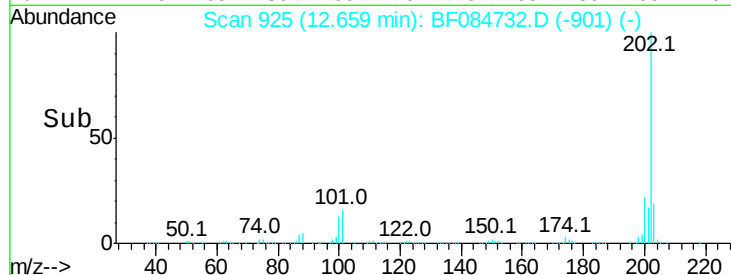
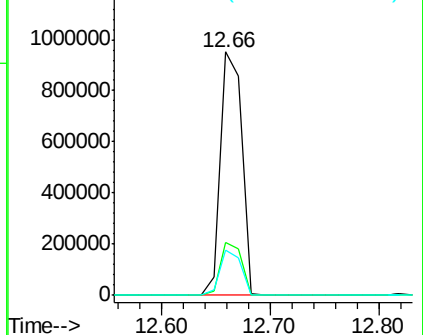


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.63 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

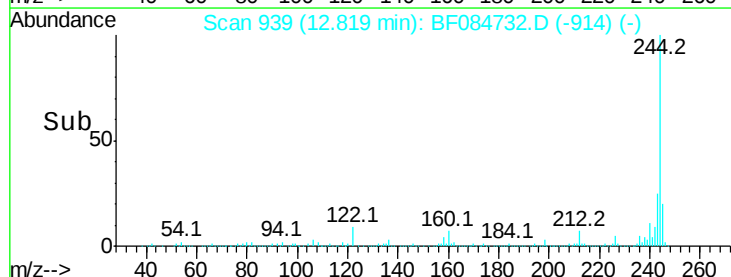
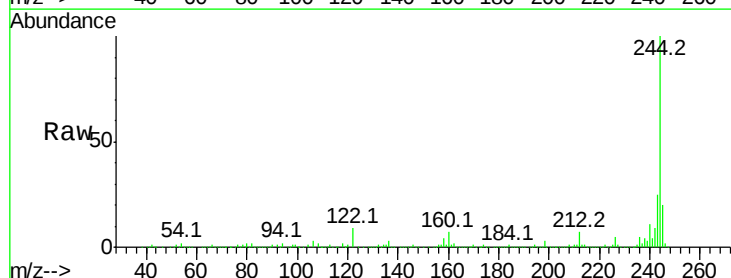
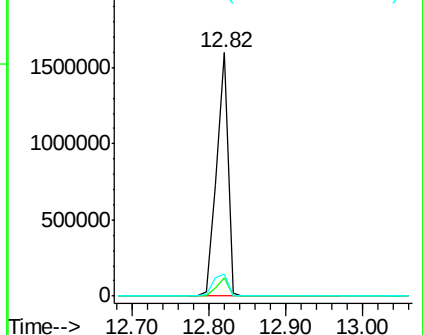
Tgt Ion	Ion	Ratio	Lower	Upper
244	100			
212	7.3	5.7	8.5	
122	9.1	7.4	11.0	

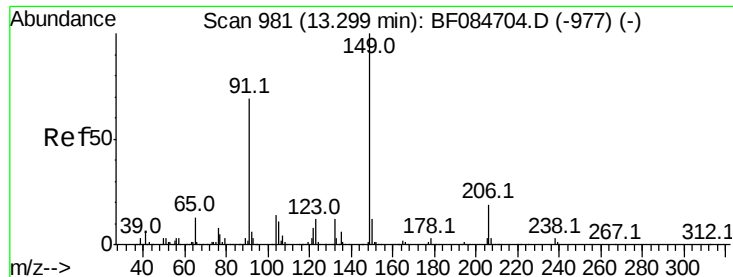
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





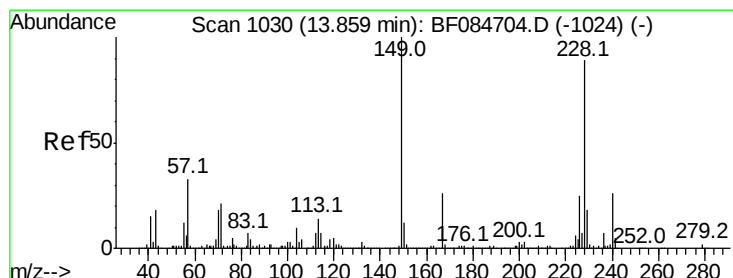
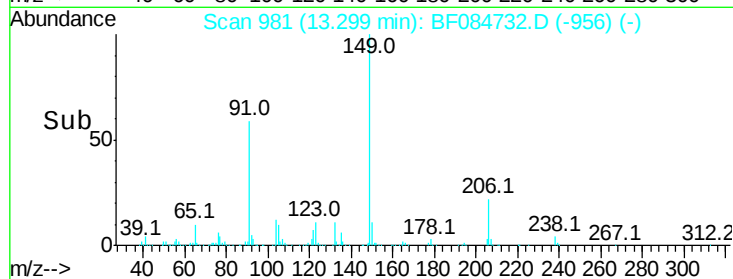
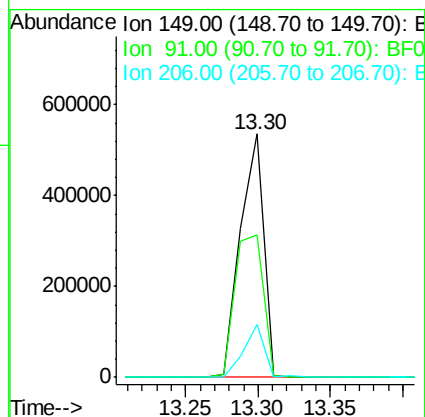
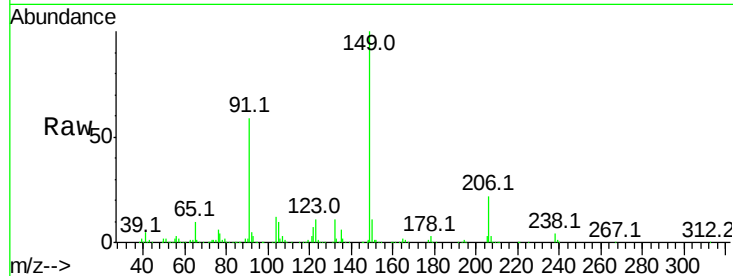
#79
Butylbenzylphthalate
Concen: 42.67 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	601354		
91	58.6	57.6	86.4	
206	21.9	13.2	19.8	

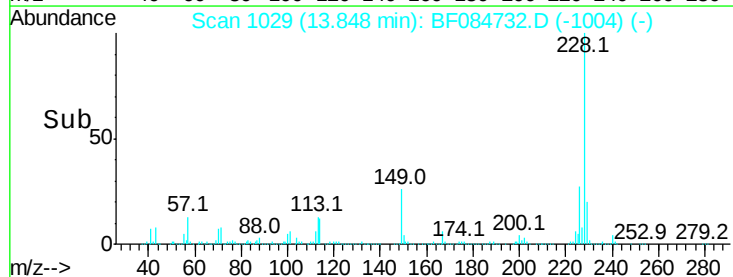
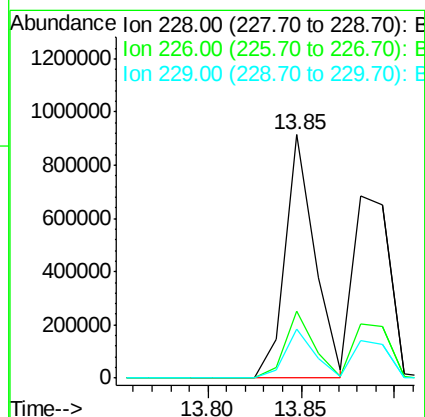
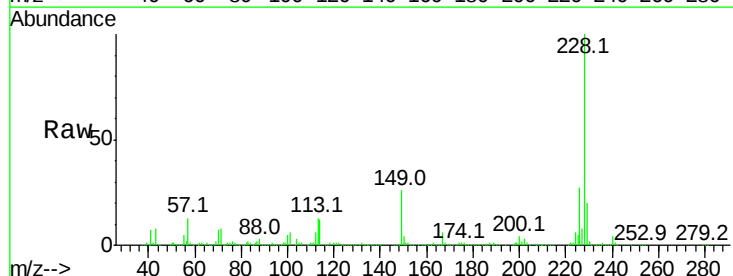
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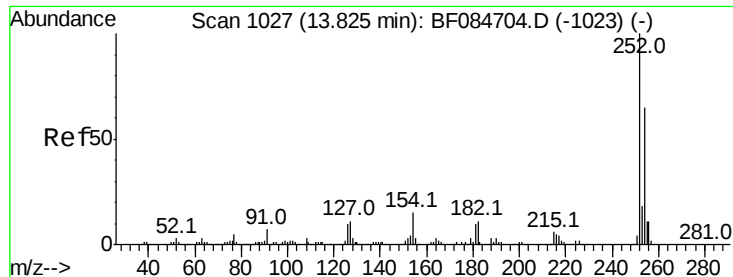
mohammad
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#80
Benzo(a)anthracene
Concen: 40.12 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1010515		
226	27.3	21.8	32.6	
229	20.3	15.8	23.8	





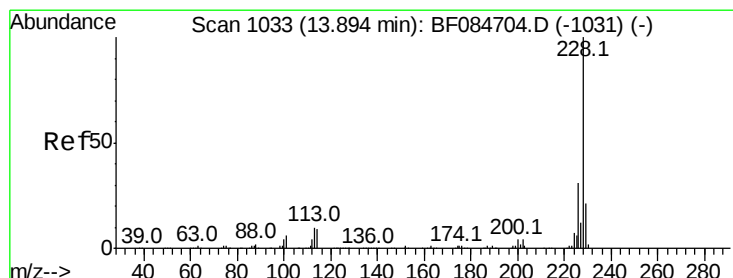
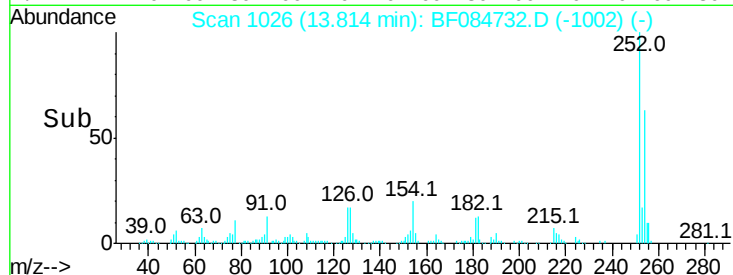
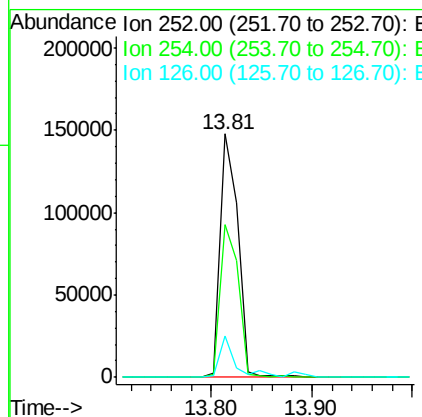
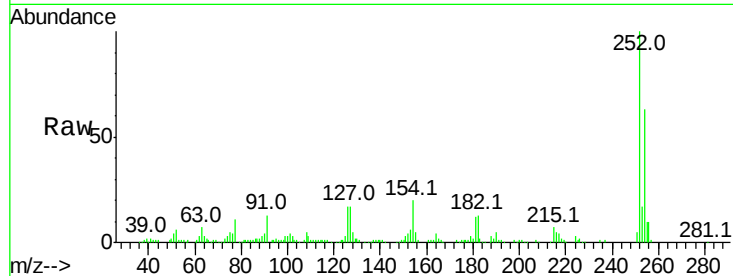
#81
 3,3'-Dichlorobenzidine
 Concen: 20.33 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.7	53.5	80.3
126	16.8	4.9	7.3

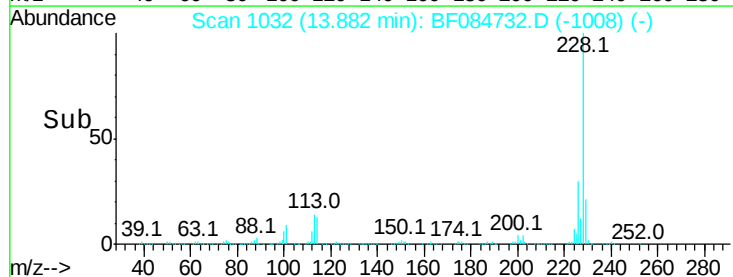
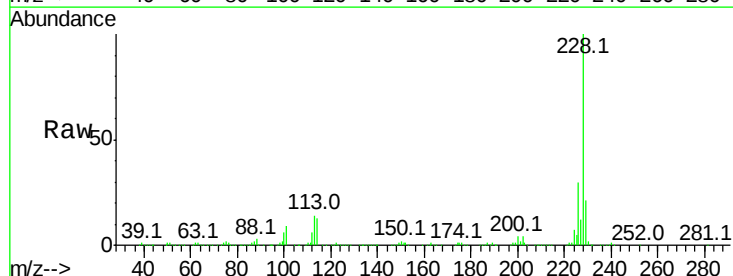
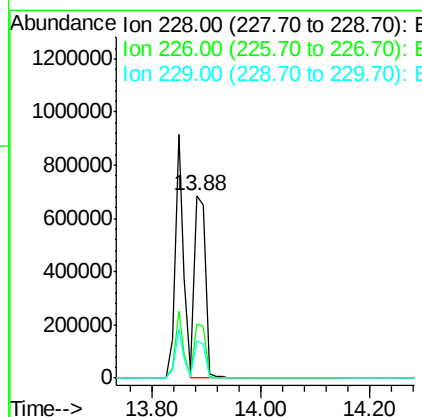
Manual Integrations
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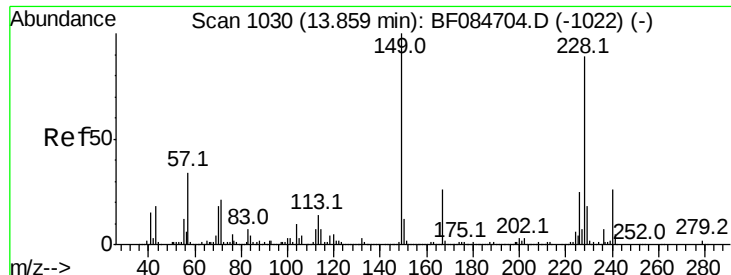
mohammad
 2/2/2016 4:18:37 PM



#82
 Chrysene
 Concen: 38.66 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	24.3	36.5
229	20.5	16.1	24.1





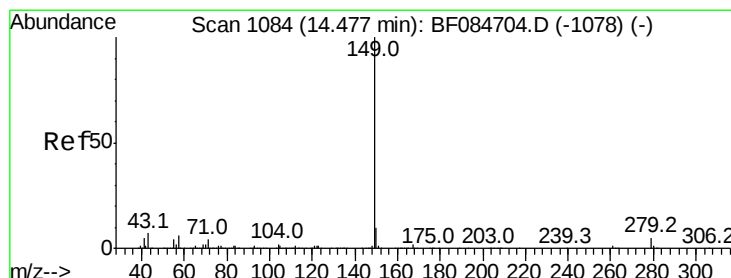
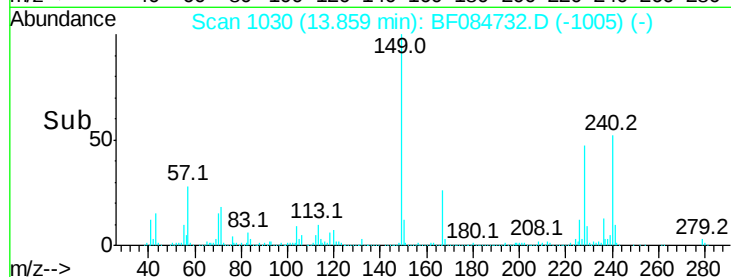
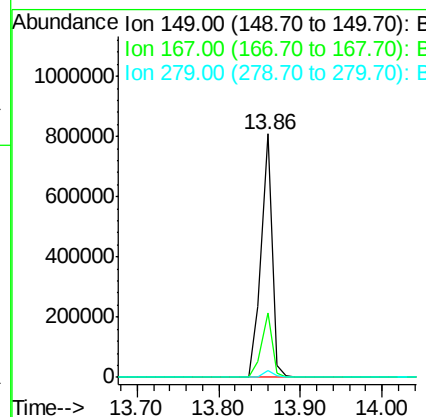
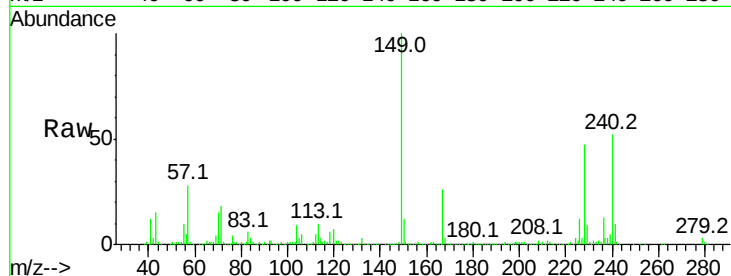
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.88 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleID :
 EP002MS

Tot Ion:	149	Resp:	752093
Ion Ratio		Lower	Upper
149	100		
167	26.5	19.7	29.5
279	3.0	1.8	2.6#

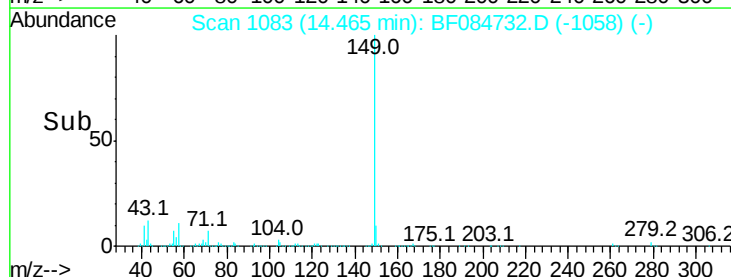
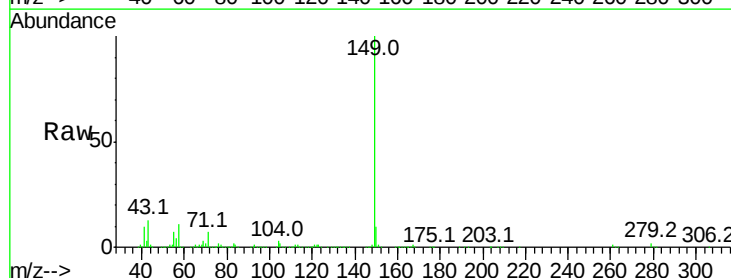
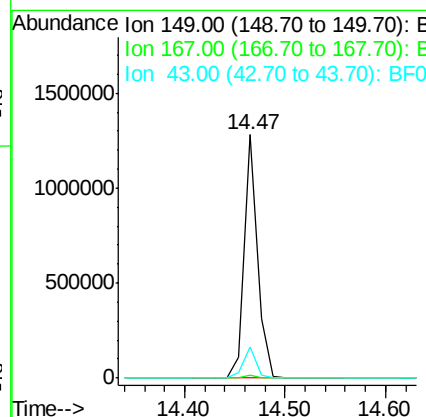
Manual Integrations
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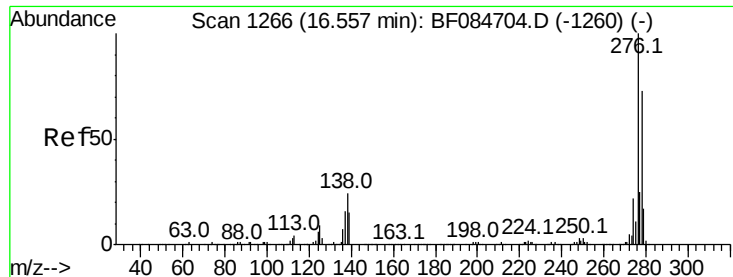
mohammad
 2/2/2016 4:18:37 PM



#84
 Di-n-octyl phthalate
 Concen: 41.08 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Tgt Ion:	149	Resp:	1188808
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.8	5.6	8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.82 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

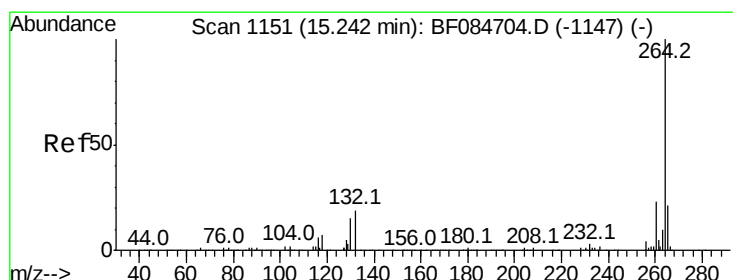
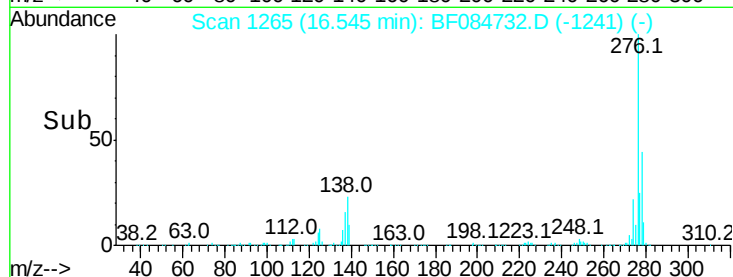
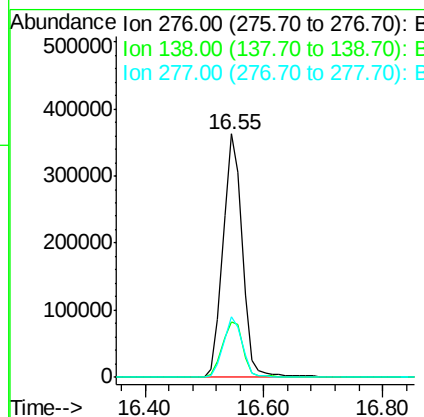
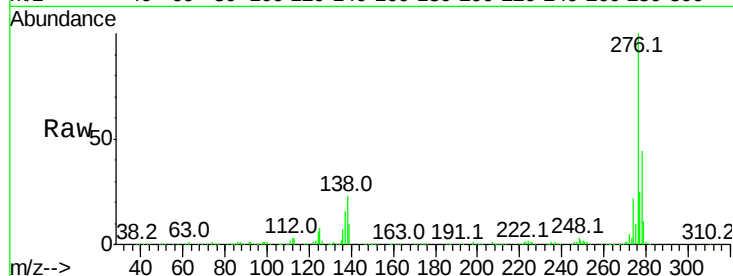
ClientSampleId :

EP002MS

Tot Ion:	276	Resp:	823175
Ion Ratio		Lower	Upper
276	100		
138	24.8	20.6	30.8
277	24.6	20.1	30.1

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#86

Perylene-d12

Concen: 20.00 ng

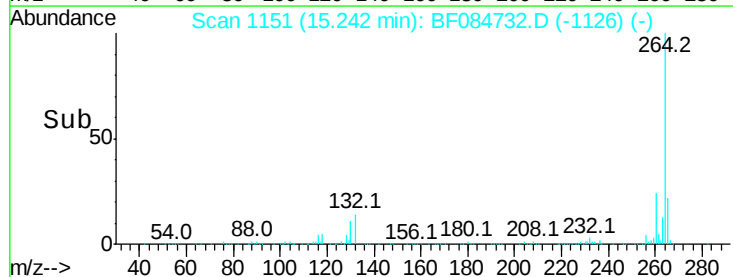
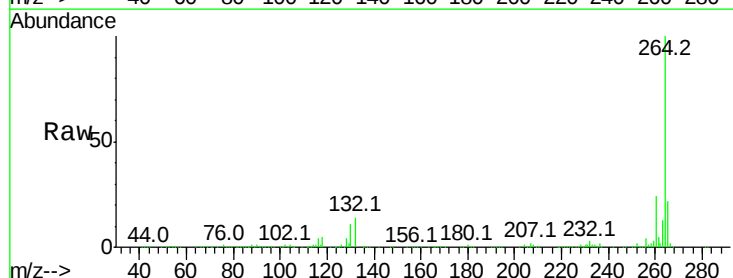
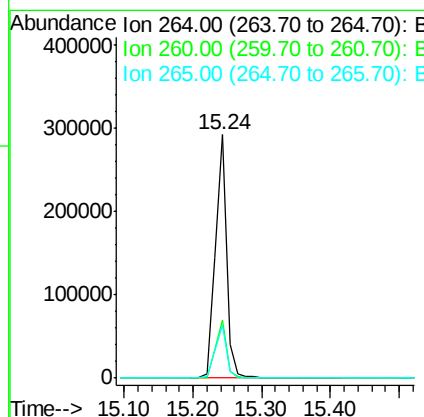
RT: 15.24 min Scan# 1151

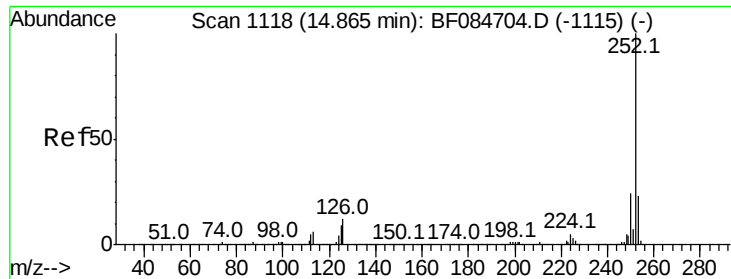
Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:	264	Resp:	341197
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.6	17.8	26.6





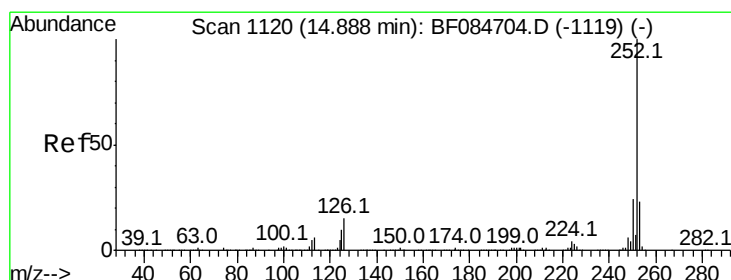
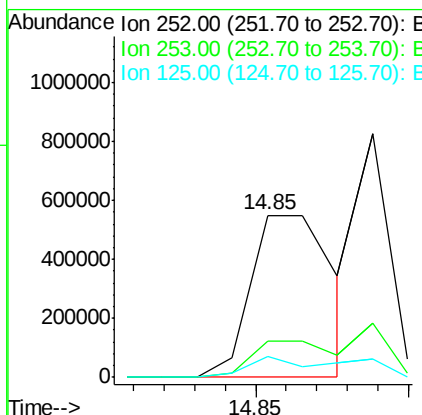
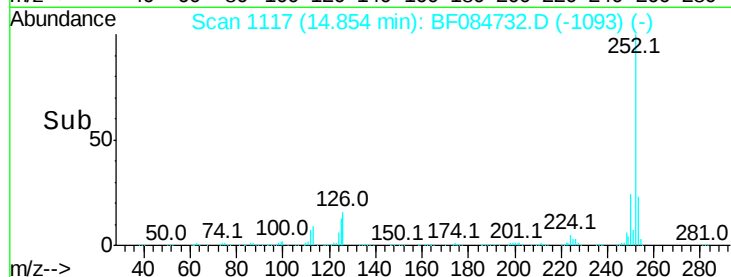
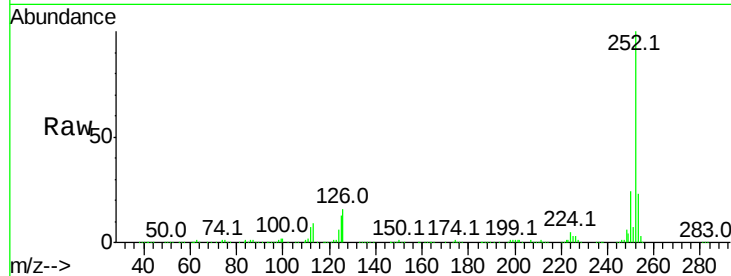
#87
Benzo(b)fluoranthene
Concen: 45.30 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Instrument :
BNA_F
ClientSampleId :
EP002MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.7	6.5	9.7

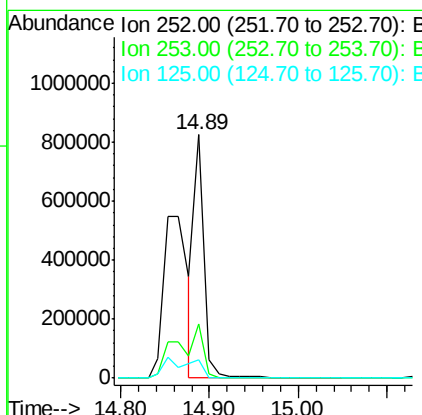
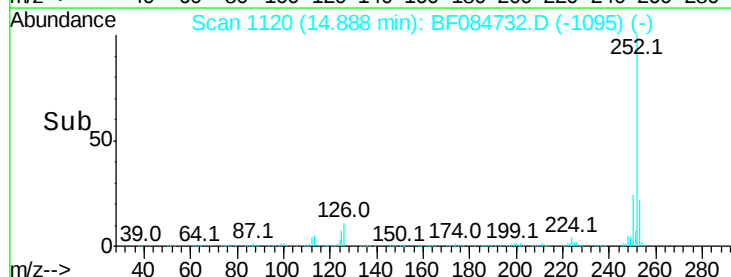
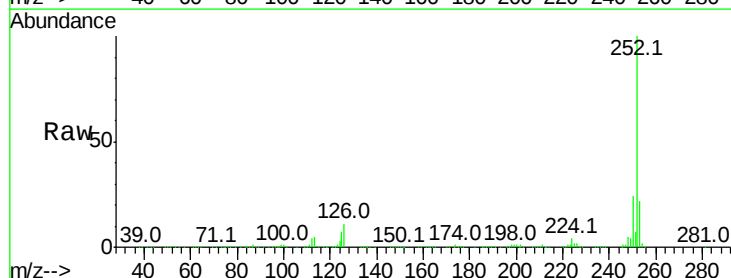
Manual Integrations
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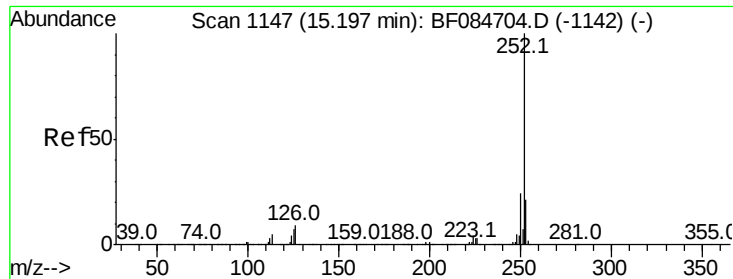
mohammad
2/2/2016 4:18:37 PM



#88
Benzo(k)fluoranthene
Concen: 33.89 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084732.D
Acq: 2 Feb 2016 1:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	7.3	9.0	13.6





#89

Benzo(a)pyrene

Concen: 39.20 ng

RT: 15.19 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Instrument :

BNA_F

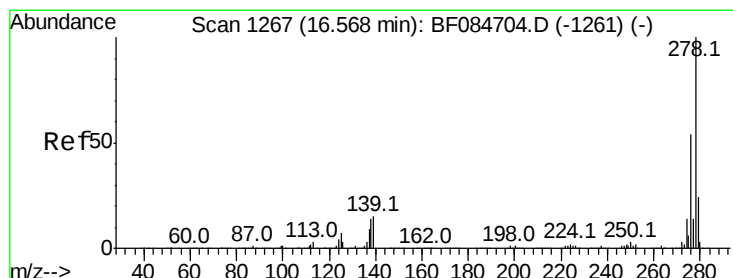
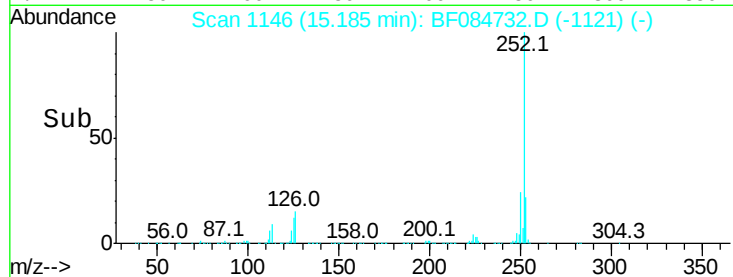
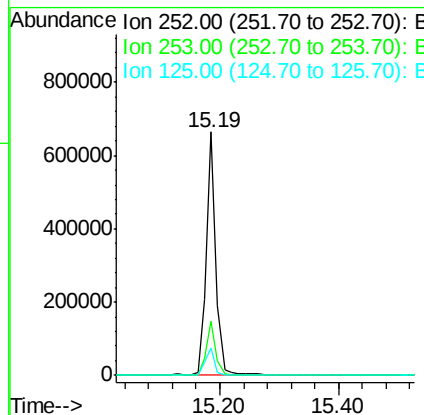
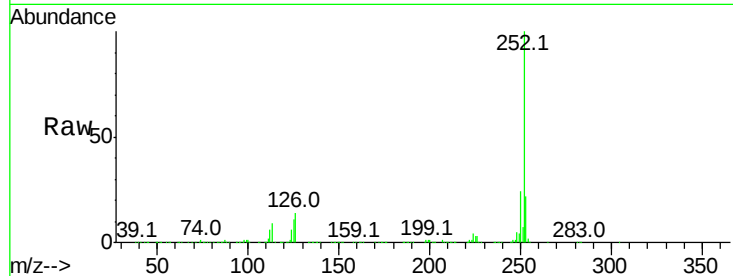
ClientSampleId :

EP002MS

Tot Ion:	252	Resp:	765610
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	11.2	7.0	10.4#

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 40.84 ng

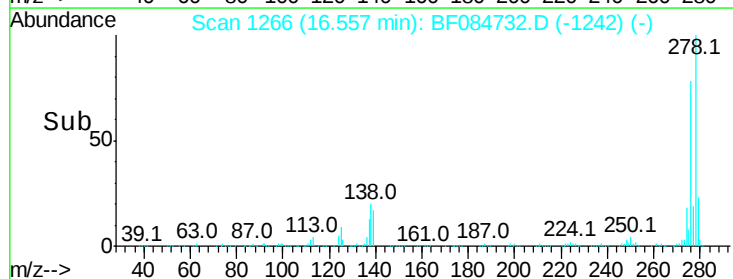
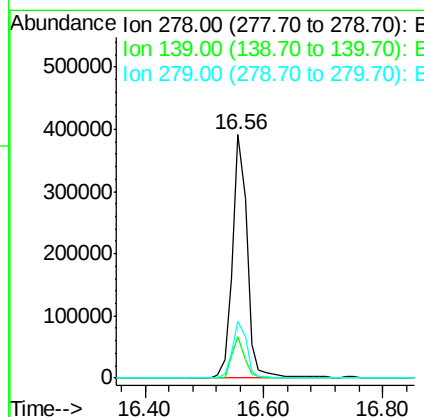
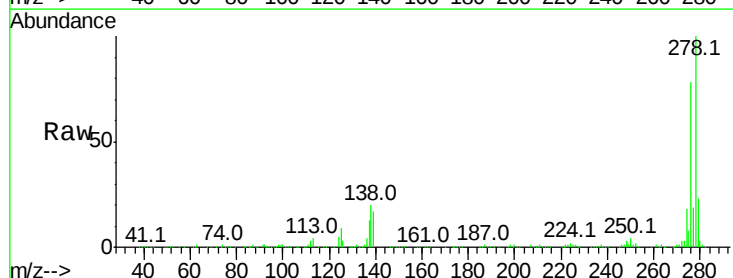
RT: 16.56 min Scan# 1266

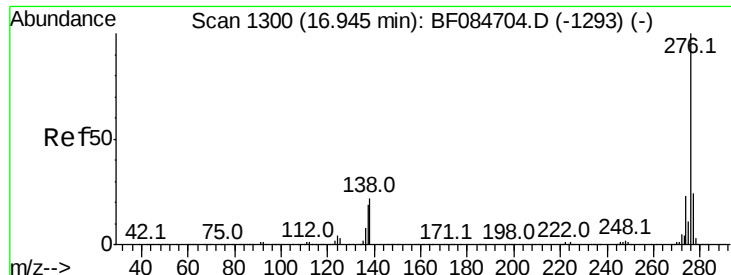
Delta R.T. -0.02 min

Lab File: BF084732.D

Acq: 2 Feb 2016 1:55

Tgt Ion:	278	Resp:	671526
Ion Ratio	Lower	Upper	
278	100		
139	17.2	15.0	22.4
279	23.5	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 41.97 ng
 RT: 16.93 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF084732.D
 Acq: 2 Feb 2016 1:55

Instrument :
 BNA_F
 ClientSampleId :
 EP002MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.6	18.8	28.2
138	22.7	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 2/2/2016 4:18:37 PM

