

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
 Data File : BF084836.D
 Acq On : 4 Feb 2016 18:47
 Operator : SJ/IZ
 Sample : H1320-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Manual Integrations
 APPROVED

mohammad
 2/5/2016 1:48:44 PM

Quant Time: Feb 05 06:11:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	137427	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	589292	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	269591	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	501044	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	374122	20.00	ng	-0.01
86) Perylene-d12	15.20	264	296291	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1134029	128.53	ng	-0.01
7) Phenol-d6	6.33	99	1355917	123.96	ng	-0.01
23) Nitrobenzene-d5	7.24	82	921971	88.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	364236	129.53	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1648615	118.63	ng	-0.01
78) Terphenyl-d14	12.77	244	1524935	92.36	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	128858	33.34	ng	# 75
3) Pyridine	2.86	79	358957	35.65	ng	# 74
4) n-Nitrosodimethylamine	2.81	42	223174	42.85	ng	79
6) Aniline	6.34	93	502759	37.56	ng	# 60
8) 2-Chlorophenol	6.46	128	446434	44.70	ng	96
9) Benzaldehyde	6.21	77	148089	22.93	ng	97
10) Phenol	6.34	94	454103	37.06	ng	# 61
11) bis(2-Chloroethyl)ether	6.42	93	429932	44.99	ng	86
12) 1,3-Dichlorobenzene	6.61	146	459560	43.55	ng	97
13) 1,4-Dichlorobenzene	6.69	146	463317	43.92	ng	95
14) 1,2-Dichlorobenzene	6.84	146	388881	39.58	ng	96
15) Benzyl Alcohol	6.83	79	368450	48.78	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	672861	41.86	ng	86
17) 2-Methylphenol	6.96	107	356433	45.13	ng	# 91
18) Hexachloroethane	7.18	117	174114	42.86	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	312209	45.54	ng	# 79
20) 3+4-Methylphenols	7.10	107	434308	44.30	ng	# 79
22) Acetophenone	7.09	105	603146	38.83	ng	99
24) Nitrobenzene	7.26	77	444824	39.71	ng	98
25) Isophorone	7.50	82	826190	40.62	ng	97
26) 2-Nitrophenol	7.58	139	251396	45.50	ng	92
27) 2,4-Dimethylphenol	7.63	122	387183	40.29	ng	96
28) bis(2-Chloroethoxy)methane	7.72	93	479980	39.77	ng	99
29) 2,4-Dichlorophenol	7.82	162	340683	41.43	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	372159	40.07	ng	96
31) Naphthalene	7.98	128	1250757	42.31	ng	99
32) Benzoic acid	7.77	122	232717	37.86	ng	95
33) 4-Chloroaniline	8.04	127	366625	29.99	ng	95
34) Hexachlorobutadiene	8.11	225	219206	40.93	ng	99
35) Caprolactam	8.42	113	117099m	46.20	ng	
36) 4-Chloro-3-methylphenol	8.53	107	380608	40.57	ng	93
37) 2-Methylnaphthalene	8.67	142	807824	43.67	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	344977	40.29	ng	97
40) Hexachlorocyclopentadiene	8.83	237	339681	86.84	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	238247	43.19	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	248259	44.29	nq #	87
45) 1,1'-Biphenyl	9.14	154	931997	38.70	nq	99
46) 2-Chloronaphthalene	9.16	162	737823	41.61	nq	94
47) 2-Nitroaniline	9.26	65	257392	45.84	nq	95
48) Acenaphthylene	9.57	152	1099970	40.88	nq	98
49) Dimethylphthalate	9.45	163	863632	42.06	nq #	90
50) 2,6-Dinitrotoluene	9.52	165	194669	43.40	nq #	87
51) Acenaphthene	9.74	154	693368	39.60	nq	97
52) 3-Nitroaniline	9.68	138	157398	31.23	nq	91
53) 2,4-Dinitrophenol	9.79	184	198738	94.83	nq	94
54) Dibenzofuran	9.92	168	929889	43.46	nq	91
55) 4-Nitrophenol	9.86	139	291658	78.73	nq #	81
56) 2,4-Dinitrotoluene	9.92	165	276395	48.31	nq #	92
57) Fluorene	10.26	166	748692	41.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	220406	51.66	nq	91
59) Diethylphthalate	10.14	149	870260	43.40	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	388142	53.00	nq	93
61) 4-Nitroaniline	10.29	138	225859	45.98	nq	92
62) Azobenzene	10.42	77	980175	50.84	nq	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	137481	44.46	nq #	48
65) n-Nitrosodiphenylamine	10.38	169	737471	46.35	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	230285	41.61	nq #	69
67) Hexachlorobenzene	10.81	284	283868	47.08	nq	98
68) Atrazine	10.91	200	221313	44.05	nq	98
69) Pentachlorophenol	11.00	266	244432	86.25	nq	97
70) Phenanthrene	11.22	178	1299697	46.77	nq	98
71) Anthracene	11.26	178	1168630	41.73	nq	99
72) Carbazole	11.42	167	1036460	42.45	nq	99
73) Di-n-butylphthalate	11.77	149	1336012	42.98	nq #	97
74) Fluoranthene	12.40	202	1174354	41.75	nq	100
76) Benzidine	12.53	184	569405	43.82	nq	97
77) Pyrene	12.63	202	1258582	43.94	nq	99
79) Butylbenzylphthalate	13.25	149	549239	42.27	nq	87
80) Benzo(a)anthracene	13.81	228	1041124	44.84	nq	99
81) 3,3'-Dichlorobenzidine	13.78	252	210494	25.60	nq #	96
82) Chrysene	13.85	228	928663m	41.24	nq	
83) Bis(2-ethylhexyl)phthalate	13.83	149	747790	46.24	nq #	94
84) Di-n-octyl phthalate	14.43	149	1158093	43.41	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.48	276	841898	47.50	nq	98
87) Benzo(b)fluoranthene	14.82	252	914492m	45.94	nq	
88) Benzo(k)fluoranthene	14.84	252	720102m	43.75	nq	
89) Benzo(a)pyrene	15.14	252	778117	45.87	nq	98
90) Dibenzo(a,h)anthracene	16.49	278	699393	48.98	nq	97
91) Benzo(g,h,i)perylene	16.87	276	724075	50.34	nq	97

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

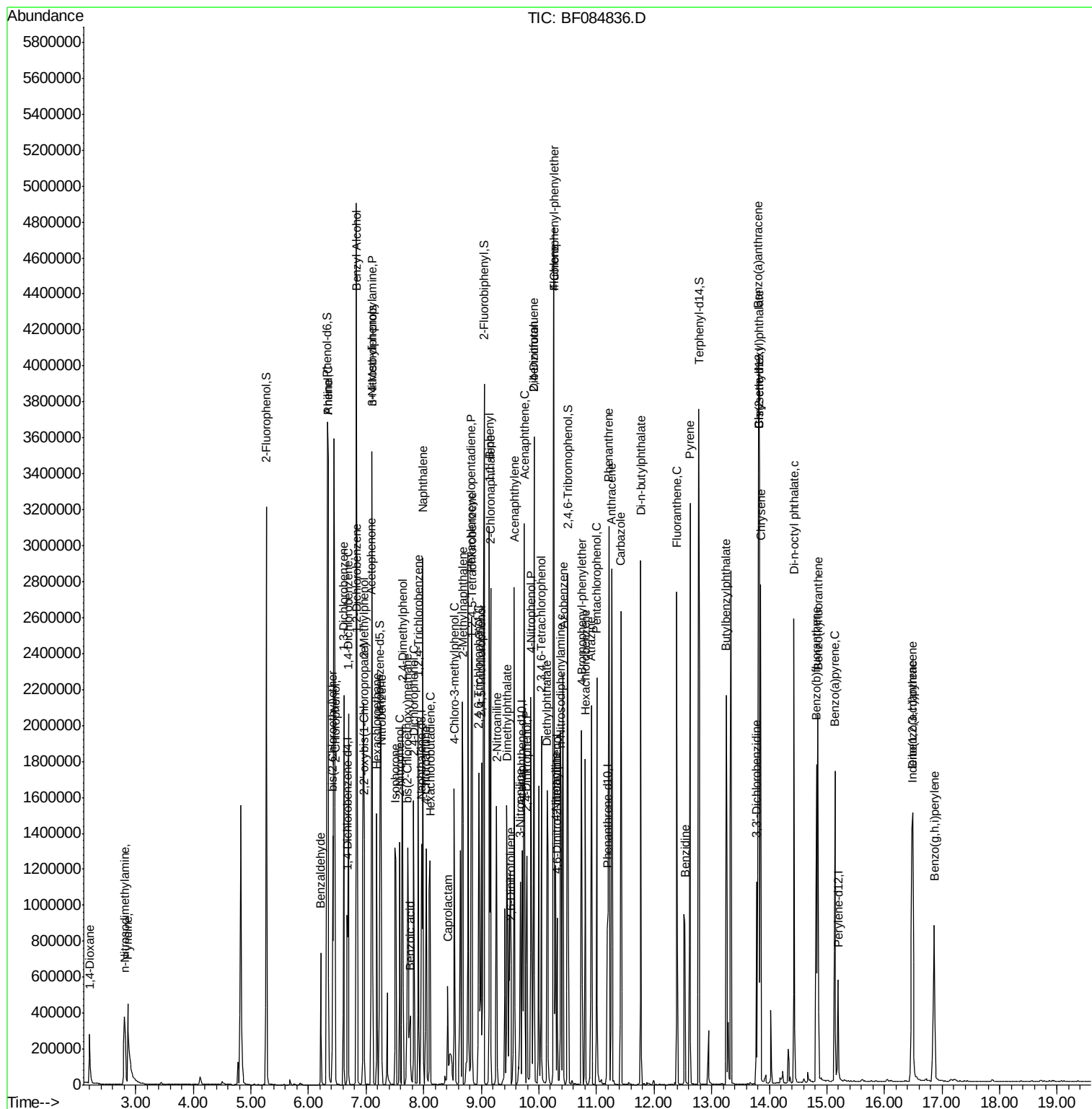
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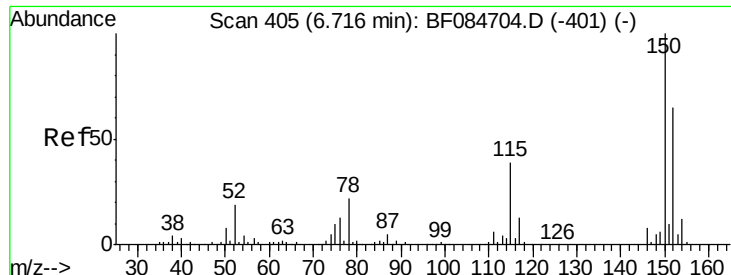
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#1

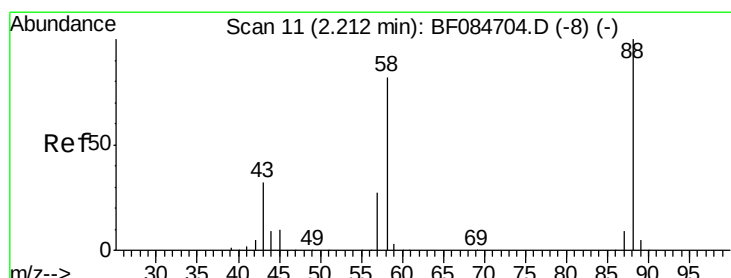
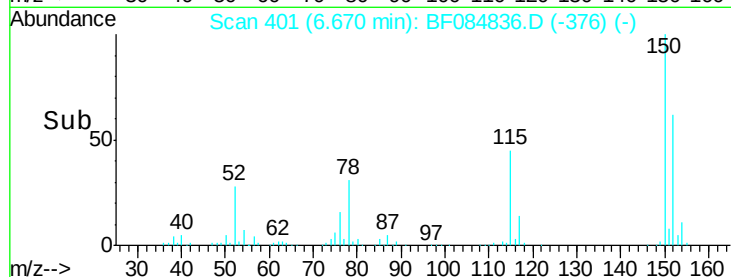
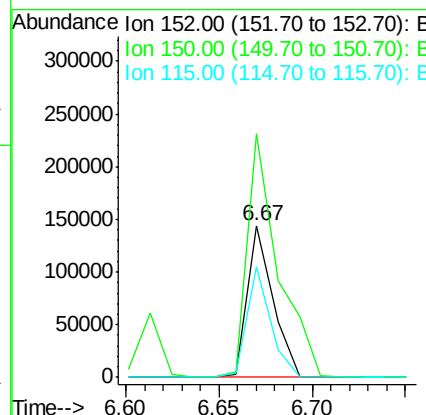
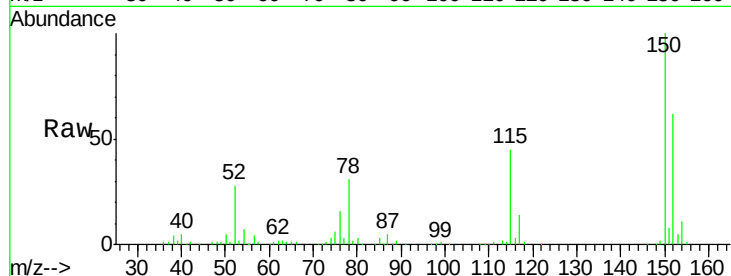
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.0	184.4
115	72.6	51.4	77.2

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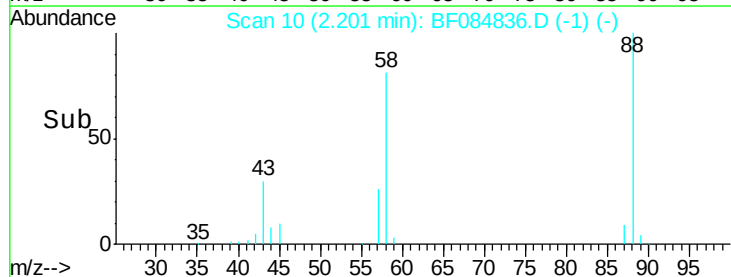
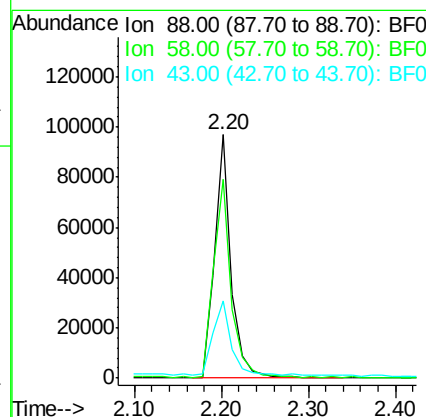
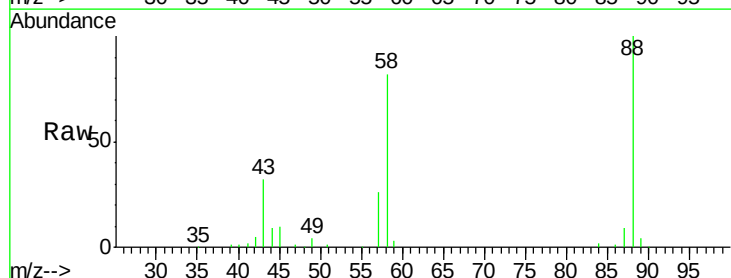
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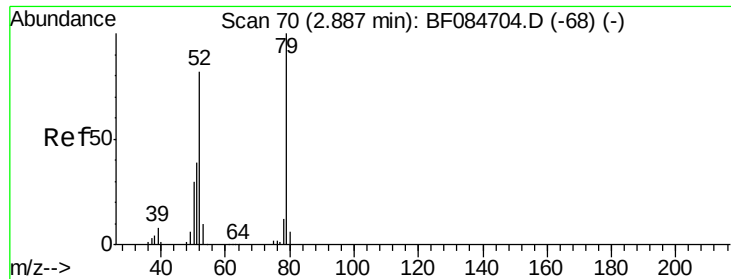


#2

1,4-Dioxane
Concen: 33.34 ng
RT: 2.20 min Scan# 10
Delta R.T. 0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	51.2	76.8#
43	34.9	19.5	29.3#





#3

Pvridine

Concen: 35.65 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

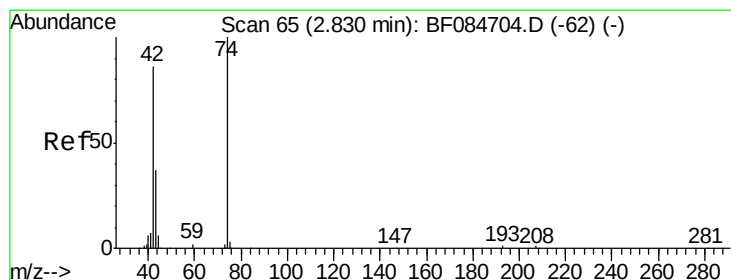
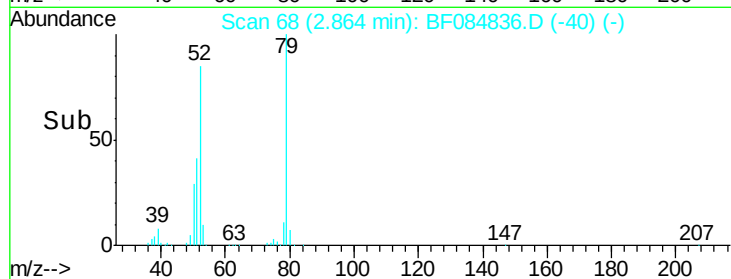
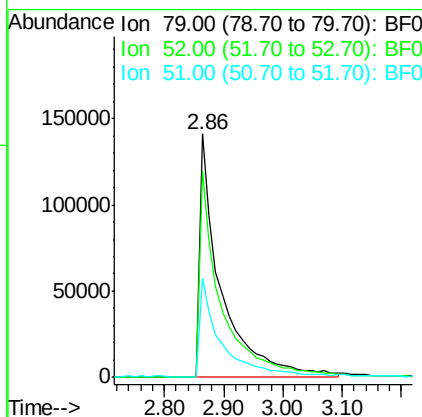
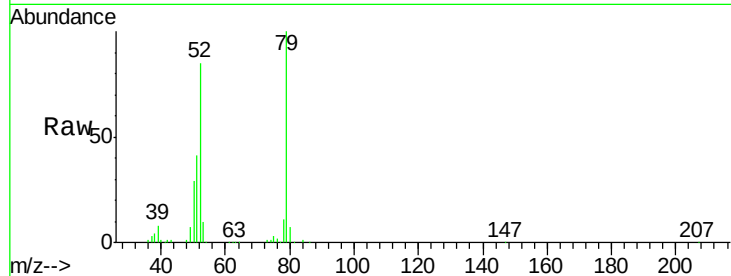
ClientSampleId :

S4-B017(5-7)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	84.8	49.0	73.4#		
51	40.9	25.2	37.8#		

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#4

n-Nitrosodimethylamine

Concen: 42.85 ng

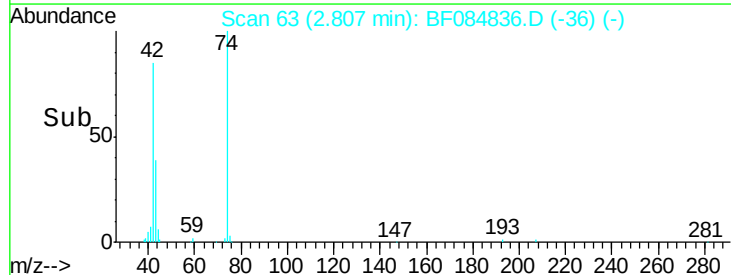
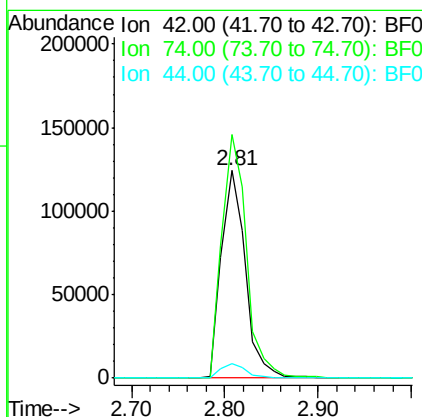
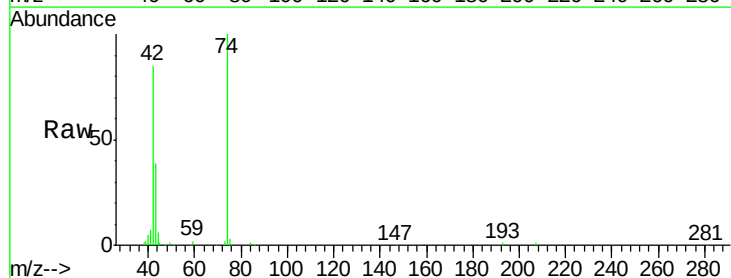
RT: 2.81 min Scan# 63

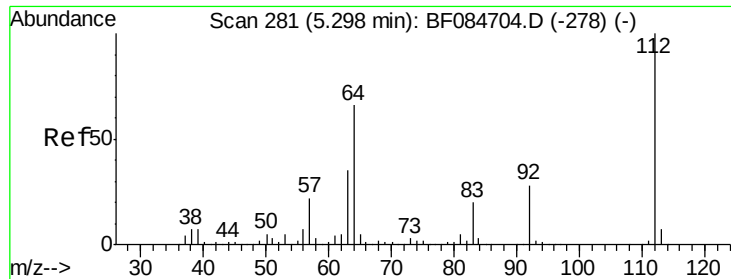
Delta R.T. 0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	117.4	115.7	173.5		
44	7.2	5.1	7.7		





#5

2-Fluorophenol

Concen: 128.53 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

Tot Ion: 112 Resp: 1134029

Ion Ratio Lower Upper

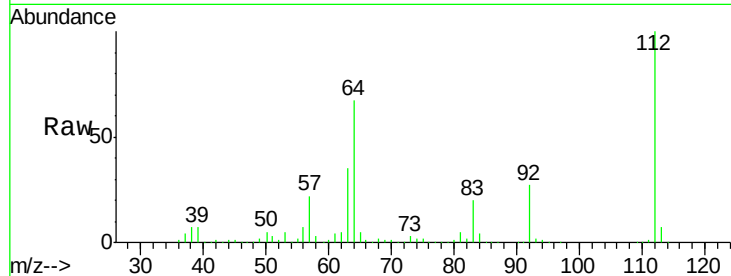
112 100

64 66.9 36.6 55.0#

63 35.1 19.4 29.0#

Manual Integrations
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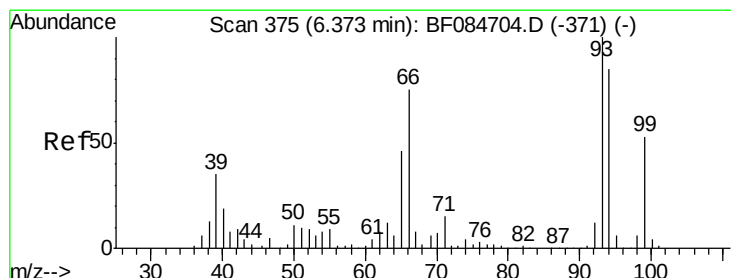
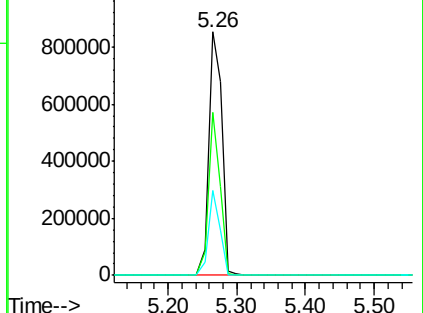
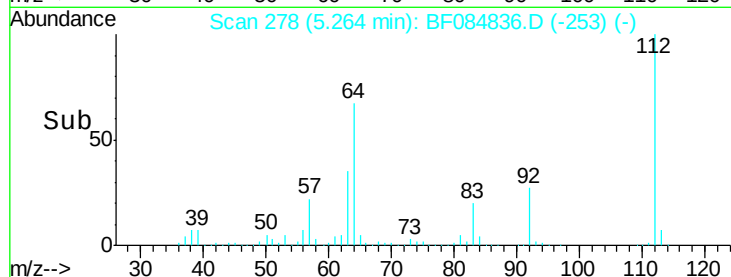
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.56 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

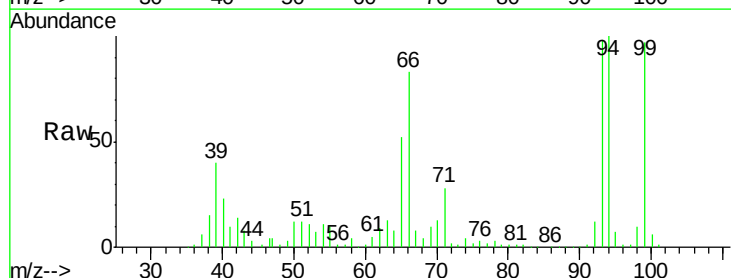
Tgt Ion: 93 Resp: 502759

Ion Ratio Lower Upper

93 100

66 84.0 44.9 67.3#

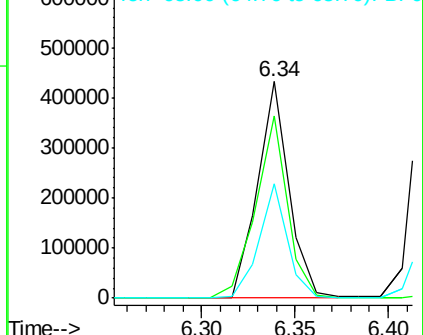
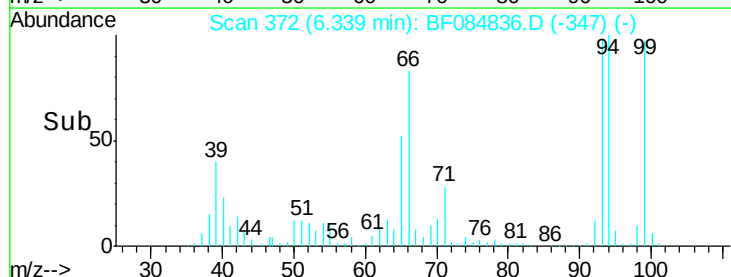
65 52.5 23.7 35.5#

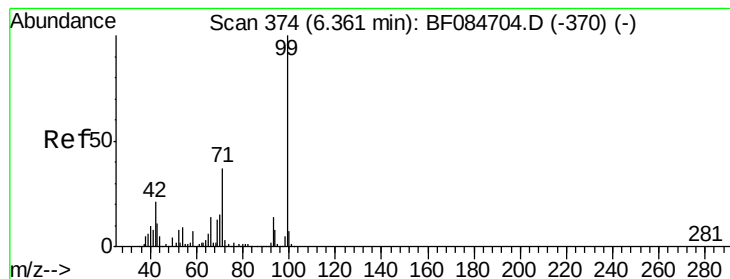


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.96 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

Tot Ion: 99 Resp: 1355917

Ion Ratio Lower Upper

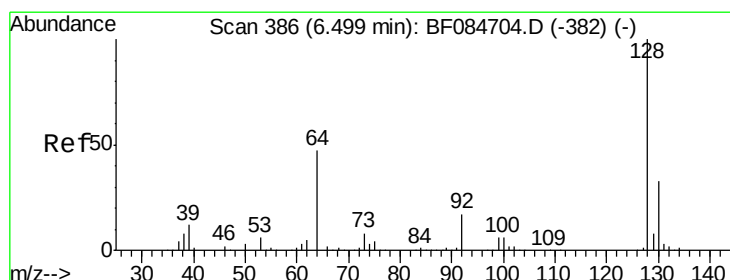
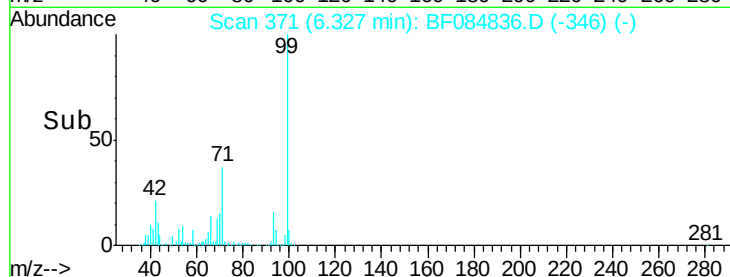
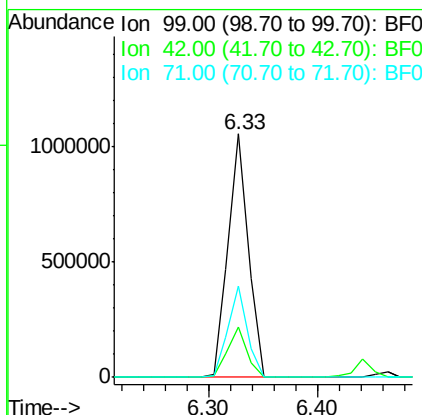
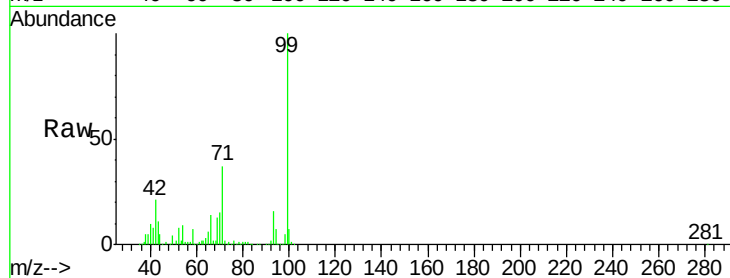
99 100

42 20.6 12.8 19.2#

71 37.4 30.9 46.3

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#8

2-Chlorophenol

Concen: 44.70 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

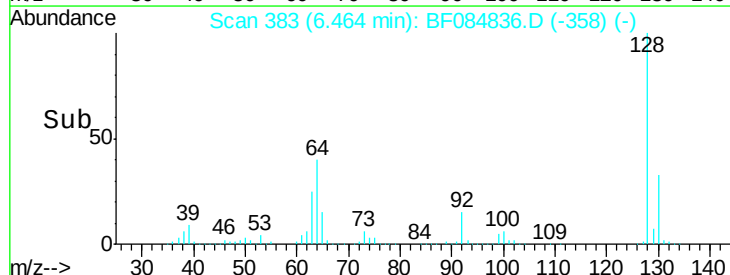
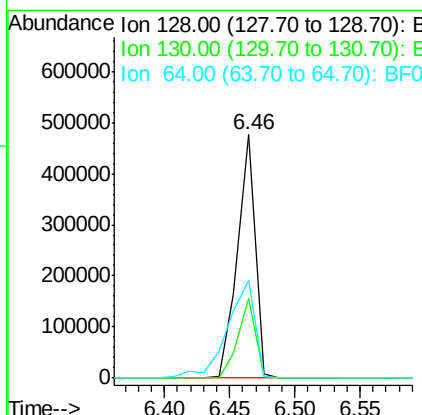
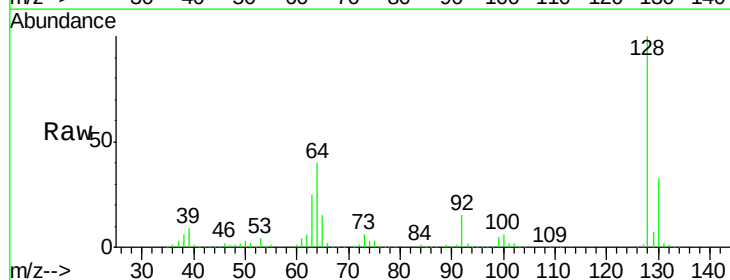
Tgt Ion: 128 Resp: 446434

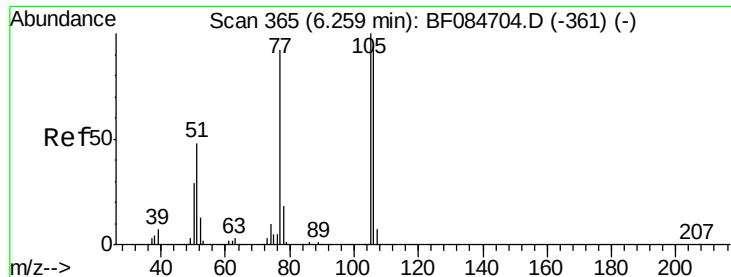
Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

64 39.9 23.8 63.8





#9

Benzaldehyde

Concen: 22.93 ng

RT: 6.21 min Scan# 361

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

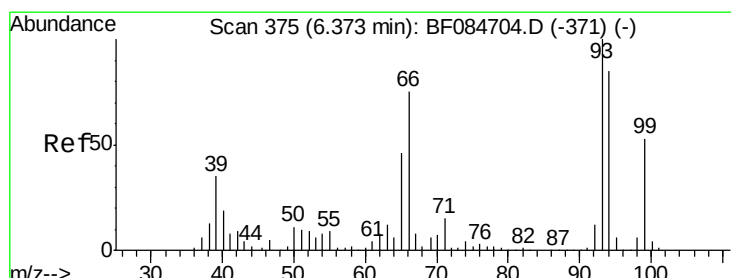
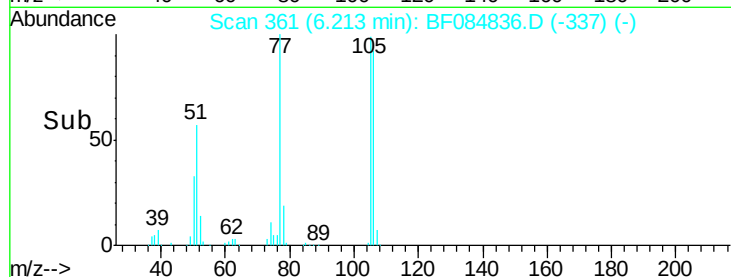
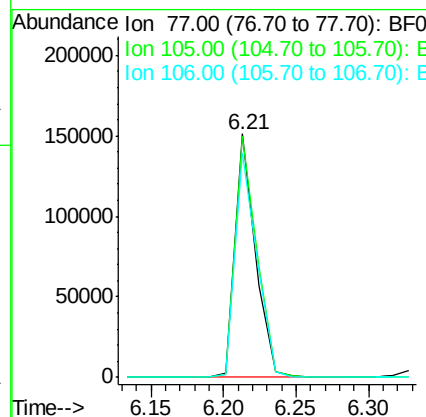
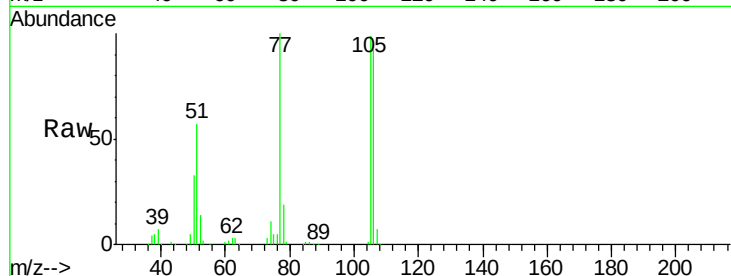
ClientSampleId :

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Tot Ion:	77	Resp:	148089
Ion Ratio	Lower	Upper	
77	100		
105	99.1	83.0	123.0
106	92.0	74.6	114.6

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#10

Phenol

Concen: 37.06 ng

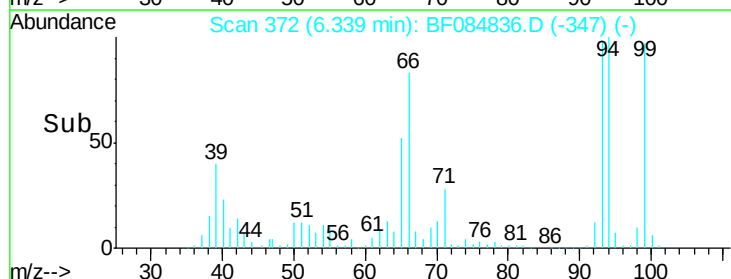
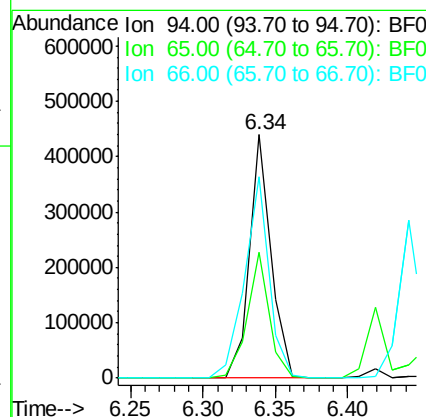
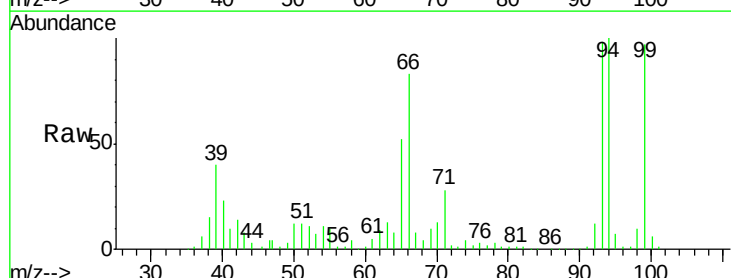
RT: 6.34 min Scan# 372

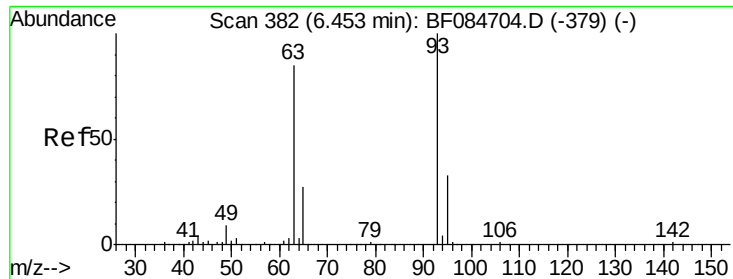
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	94	Resp:	454103
Ion Ratio	Lower	Upper	
94	100		
65	51.7	12.9	52.9
66	82.6	32.7	72.7#





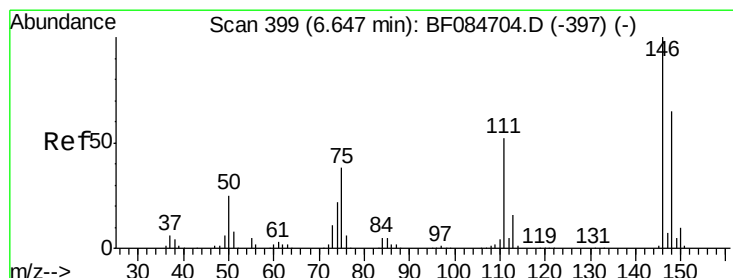
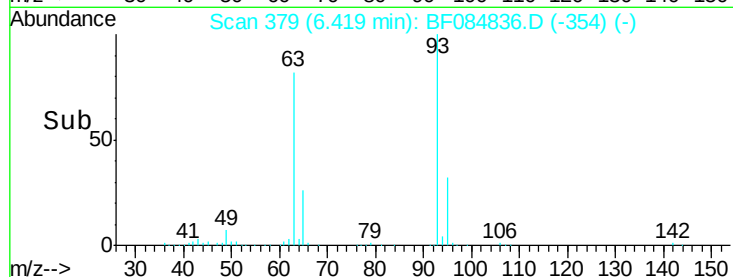
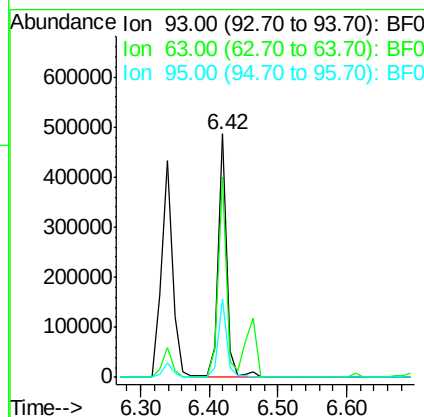
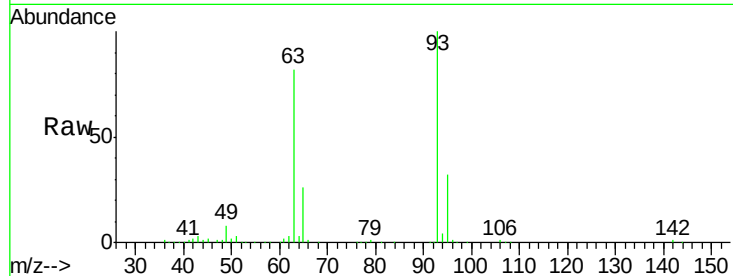
#11
bis(2-Chloroethyl)ether
Concen: 44.99 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		429932		
63	82.3	45.9	85.9		
95	32.5	12.3	52.3		

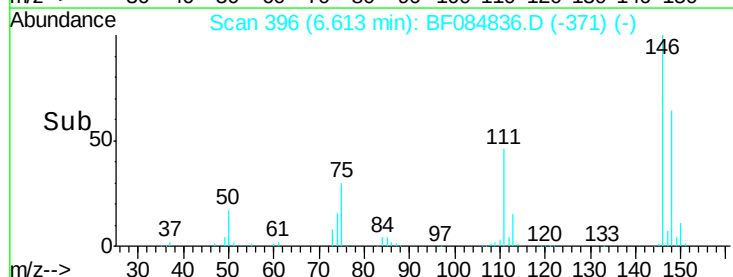
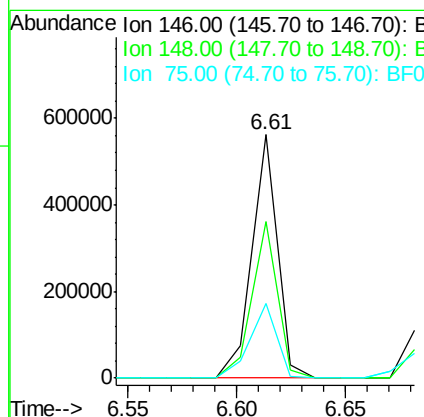
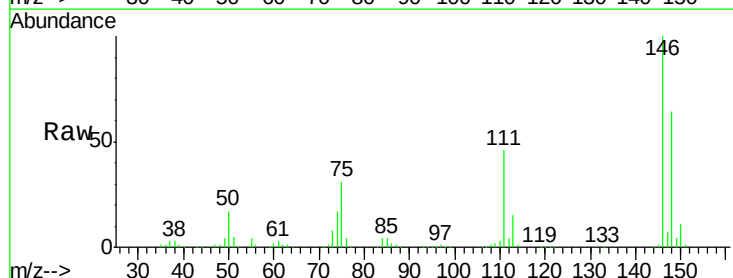
Manual Integrations
APPROVED

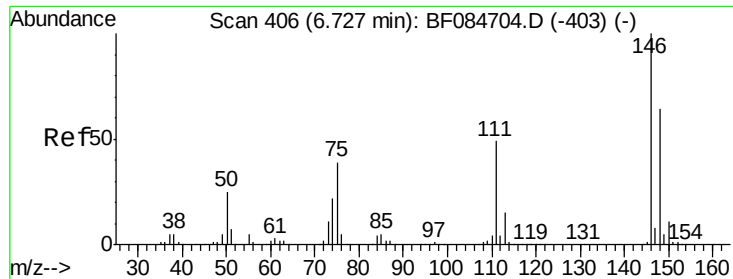
mohammad
2/5/2016 1:48:44 PM



#12
1,3-Dichlorobenzene
Concen: 43.55 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		459560		
148	64.4	51.9	77.9		
75	30.6	20.5	30.7		





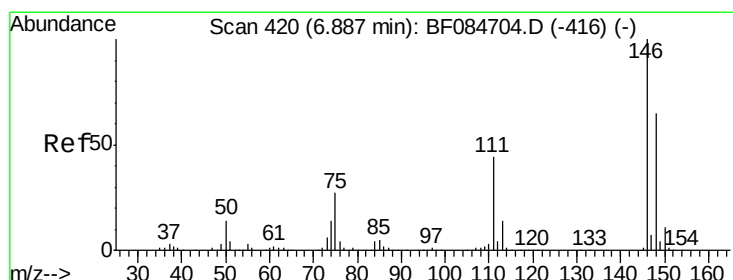
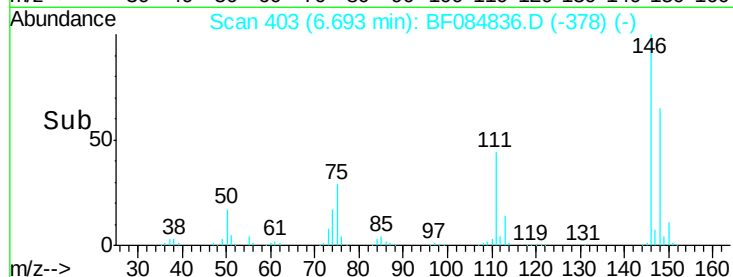
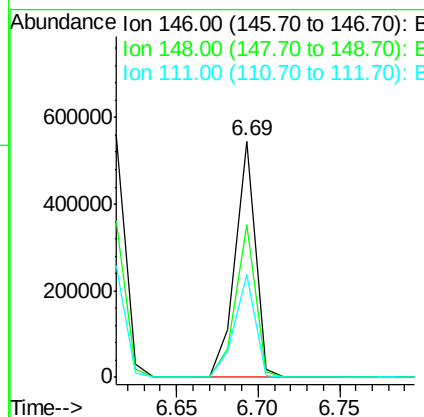
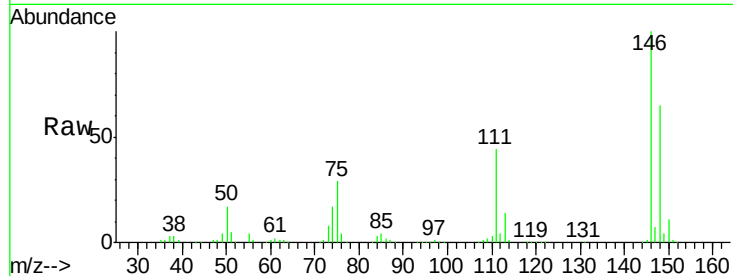
#13
 1,4-Dichlorobenzene
 Concen: 43.92 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.9	77.9
111	43.7	41.6	62.4

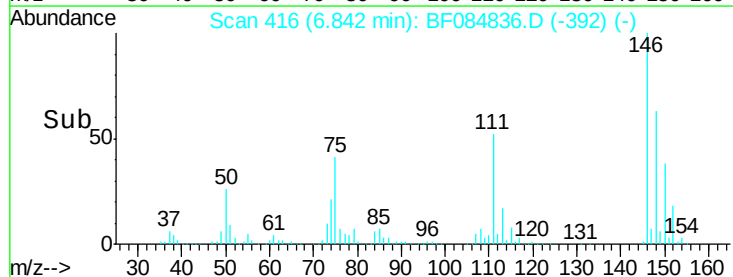
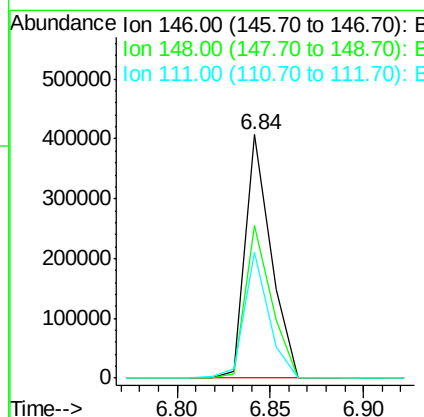
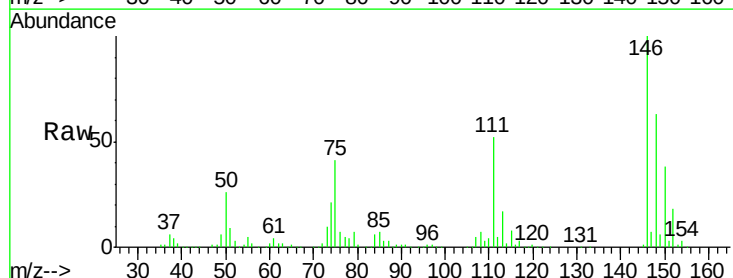
Manual Integrations
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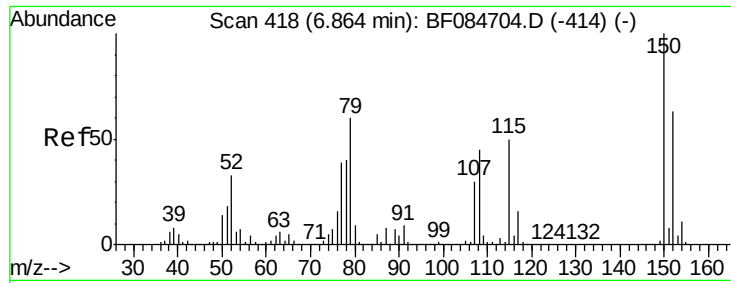
mohammad
 2/5/2016 1:48:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.58 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.6	77.4
111	51.8	38.0	57.0





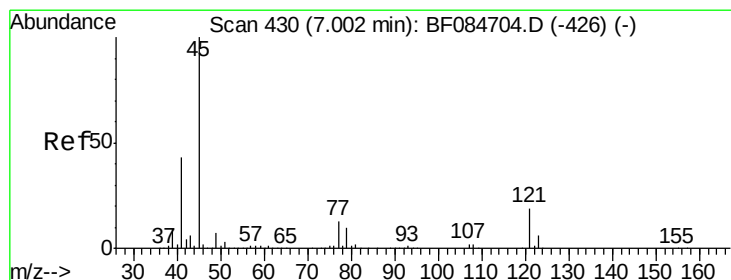
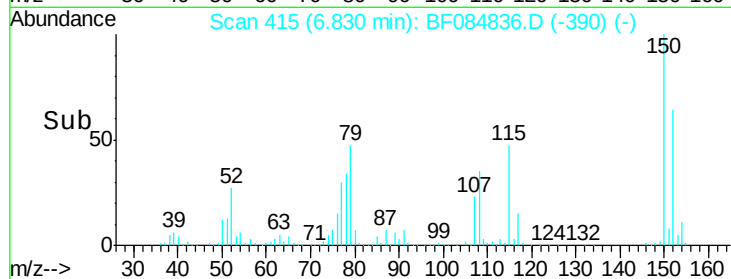
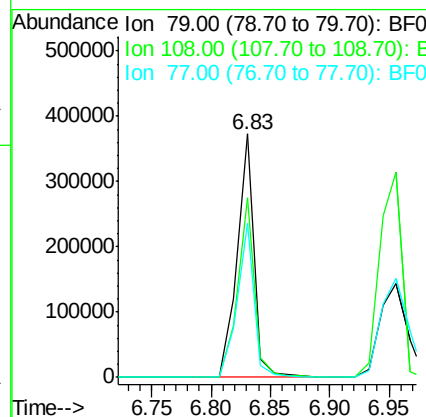
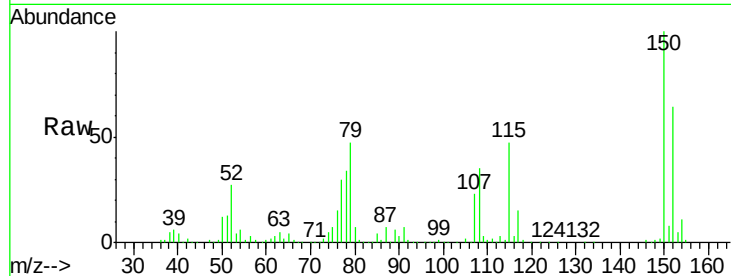
#15
Benzyl Alcohol
Concen: 48.78 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.0	69.0	103.4	
77	63.3	50.0	75.0	

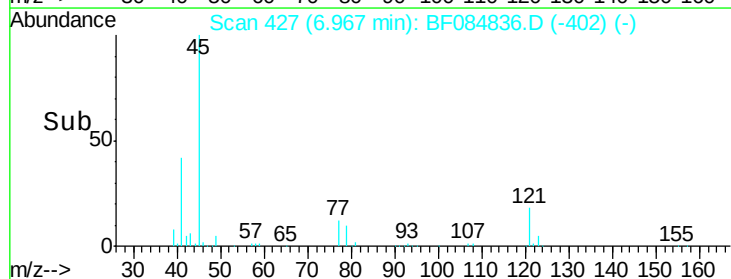
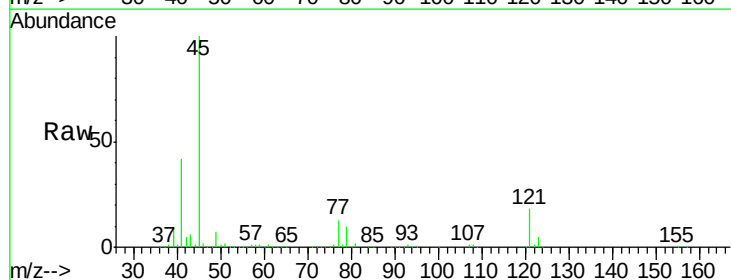
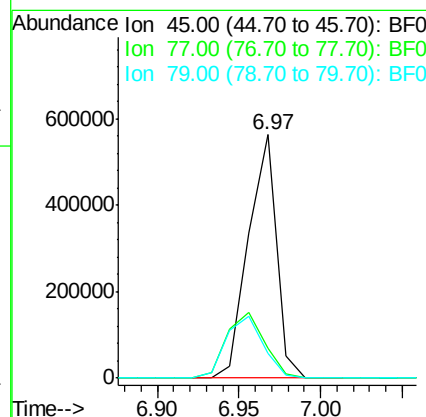
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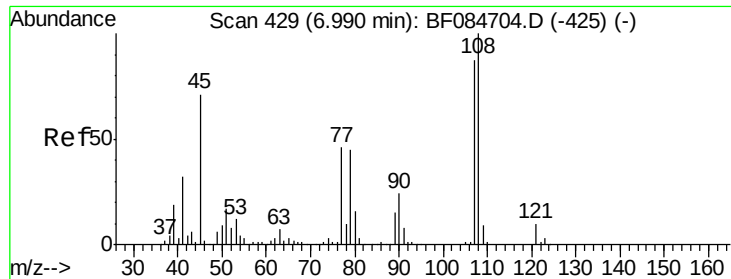
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.86 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	12.5	0.0	39.6	
79	10.0	0.0	35.0	





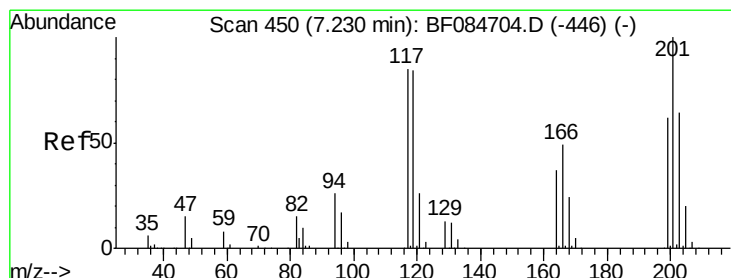
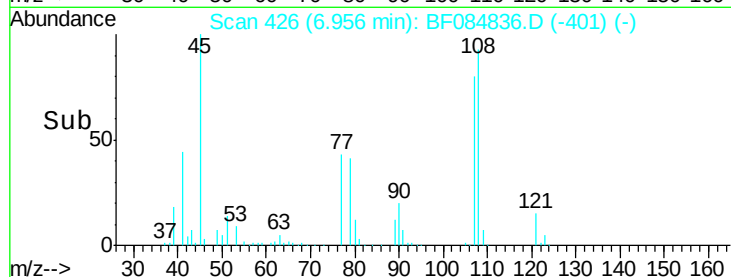
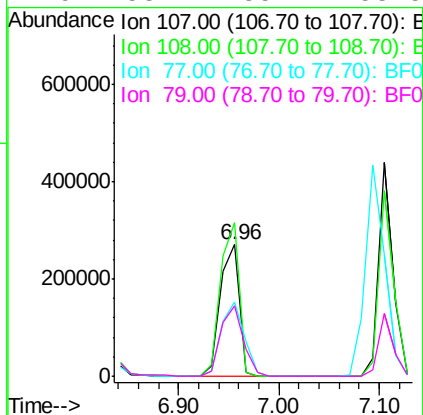
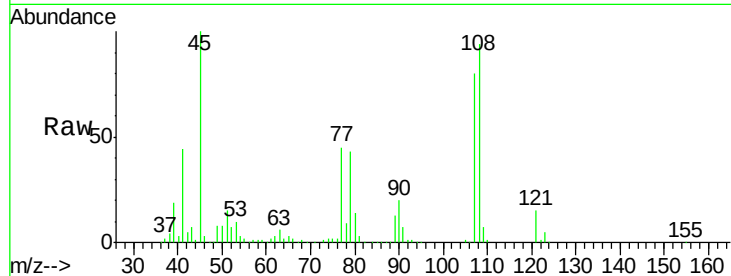
#17
2-Methylphenol
Concen: 45.13 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion:	107	Resp:	356433
Ion Ratio	Lower	Upper	
107	100		
108	116.7	89.8	134.6
77	56.3	35.7	53.5
79	53.4	35.7	53.5

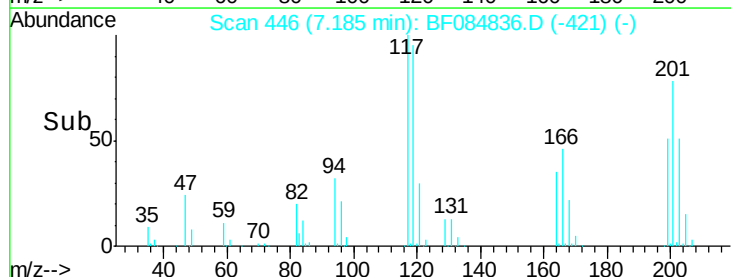
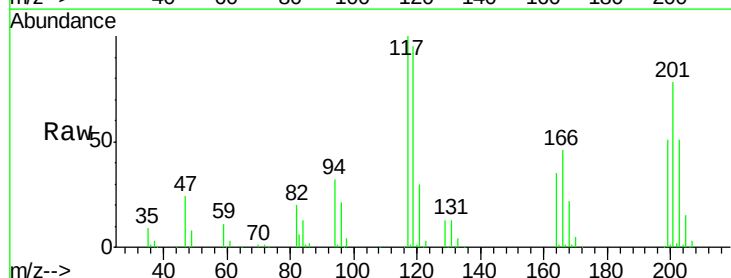
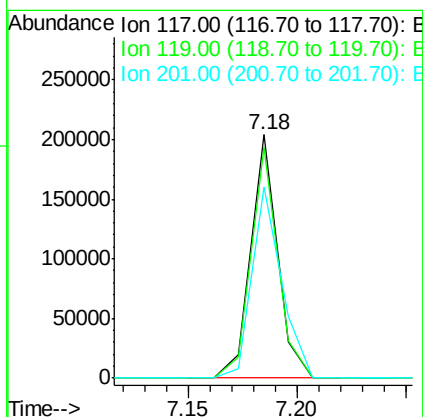
Manual Integrations
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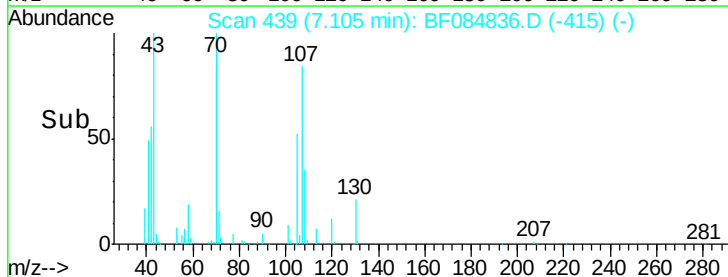
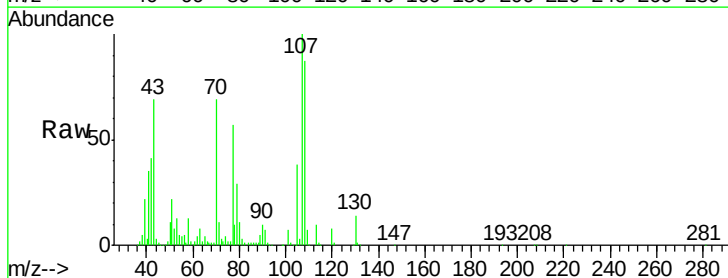
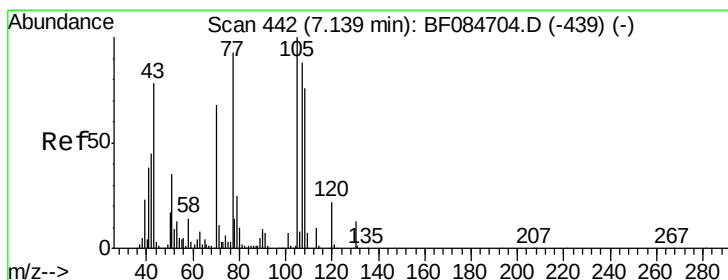
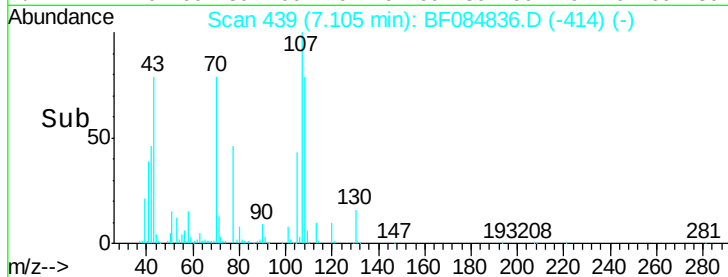
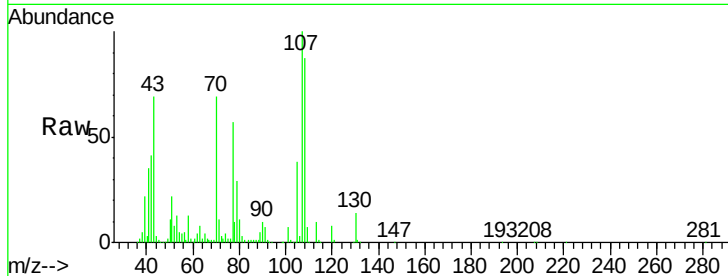
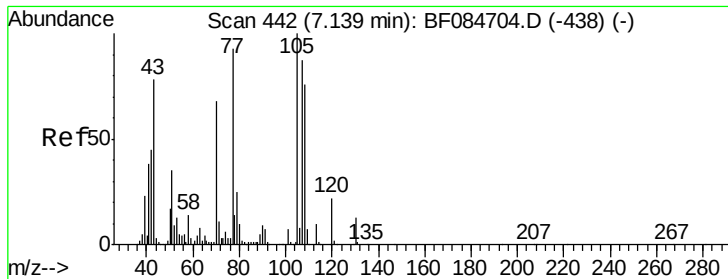
mohammad
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#18
Hexachloroethane
Concen: 42.86 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:	117	Resp:	174114
Ion Ratio	Lower	Upper	
117	100		
119	94.7	77.4	116.0
201	78.4	68.6	103.0





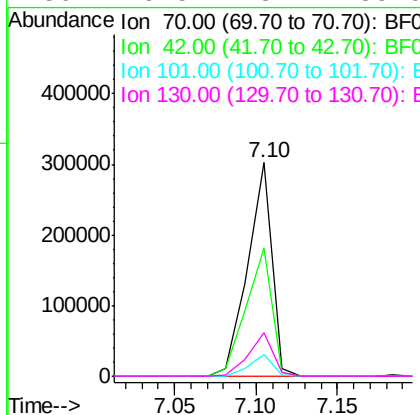
#19
n-Nitroso-di-n-propylamine
Concen: 45.54 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.0	33.3	49.9#
101	9.9	9.3	13.9
130	20.5	23.4	35.0#

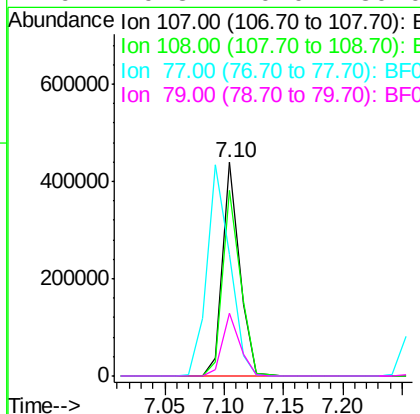
Manual Integrations
APPROVED

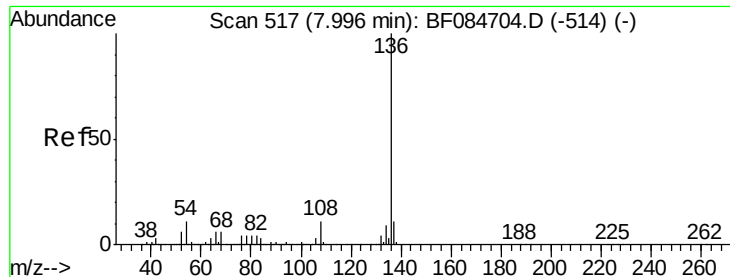
mohammad
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#20
3+4-Methylphenols
Concen: 44.30 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	74.6	114.6
77	56.9	0.7	40.7#
79	29.3	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

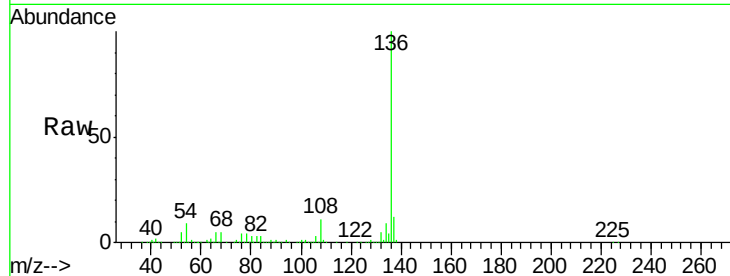
ClientSampleId :

S4-B017(5-7)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		589292		
137	11.7		8.7	13.1	
54	8.7		5.8	8.8	
68	5.0		4.2	6.2	

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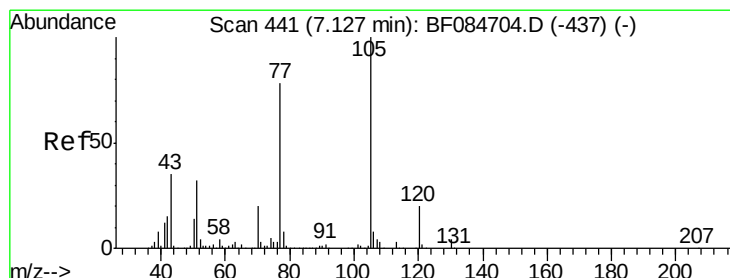
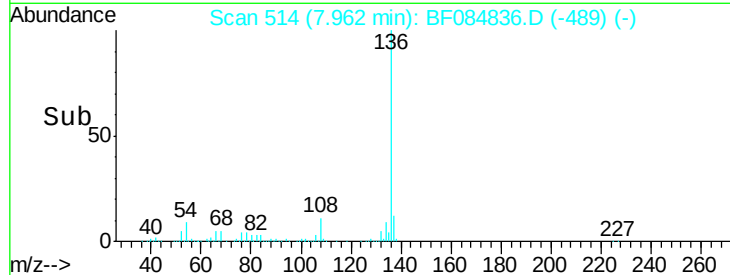
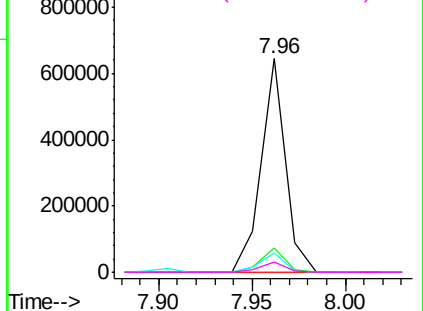


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.83 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

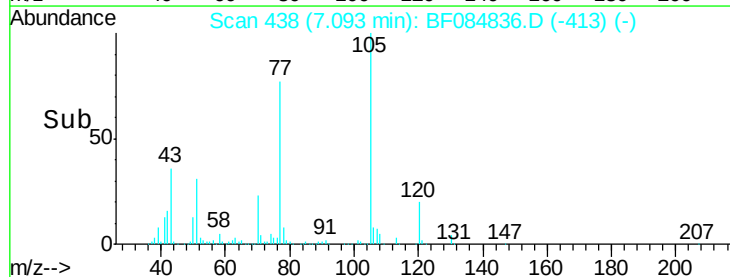
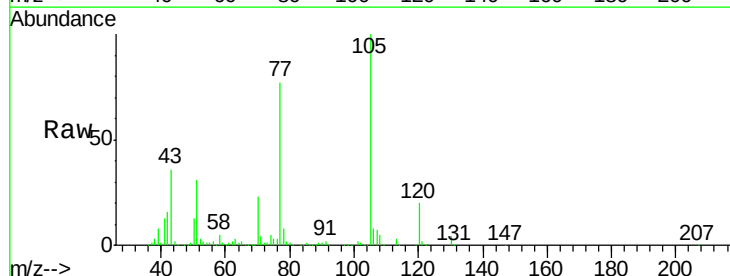
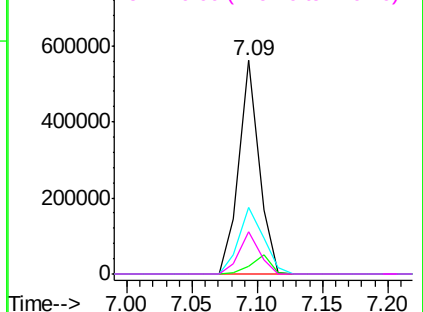
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		603146		
71	3.8		3.7	5.5	
51	31.4		25.1	37.7	
120	20.0		16.6	25.0	

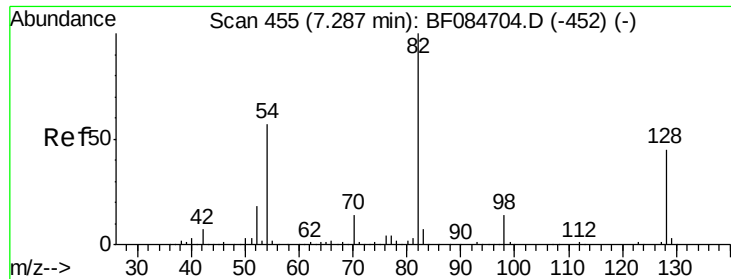
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.13 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

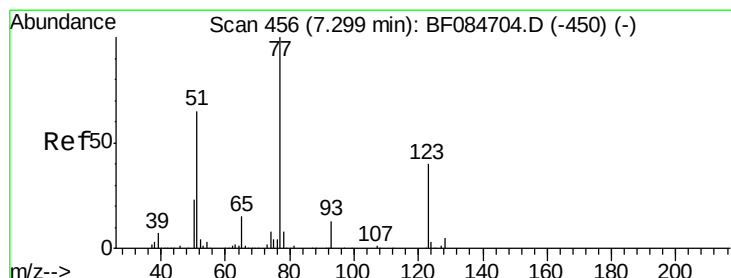
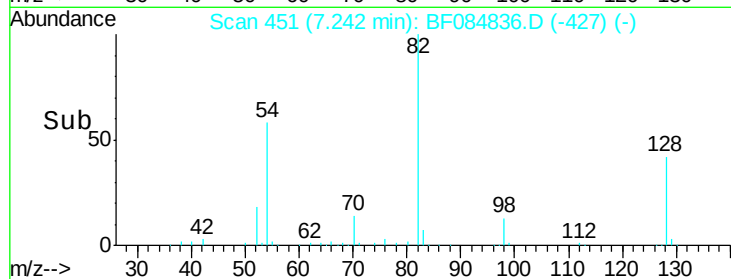
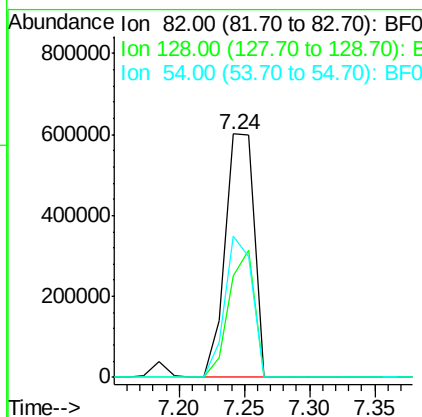
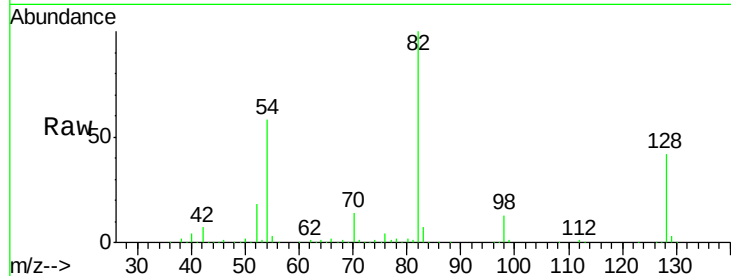
ClientSampleId :

S4-B017(5-7)

Tot Ion	82	Resp	921971
Ion Ratio	Lower	Upper	
82	100		
128	41.7	34.6	51.8
54	57.8	38.4	57.6

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#24

Nitrobenzene

Concen: 39.71 ng

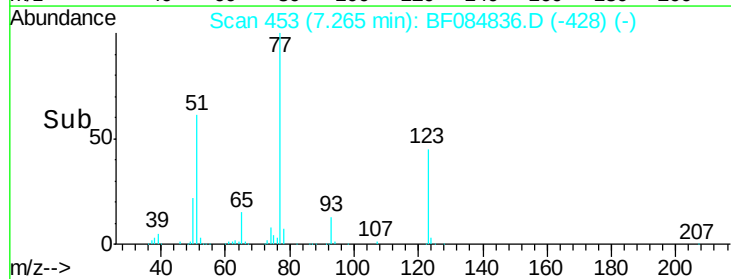
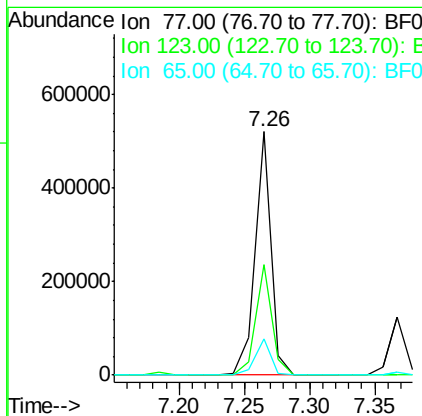
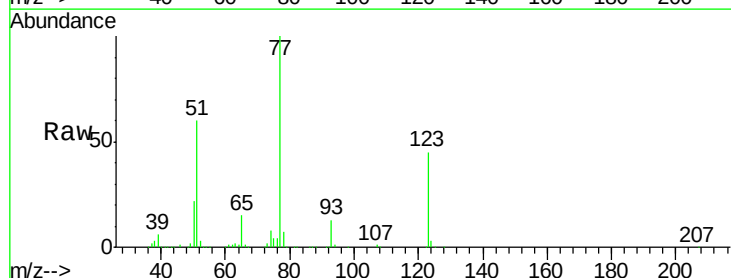
RT: 7.26 min Scan# 453

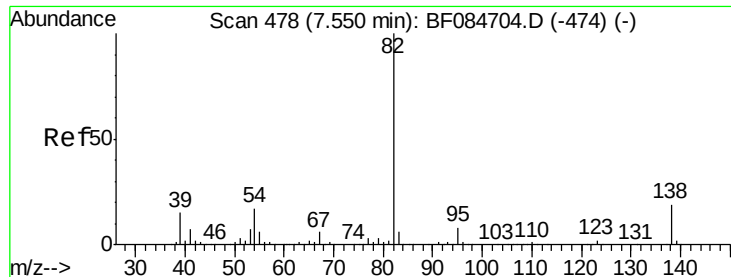
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion	77	Resp	444824
Ion Ratio	Lower	Upper	
77	100		
123	45.3	37.4	56.2
65	14.9	10.9	16.3





#25

Isophorone

Concen: 40.62 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

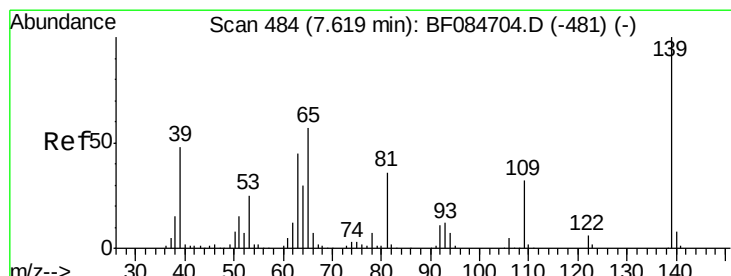
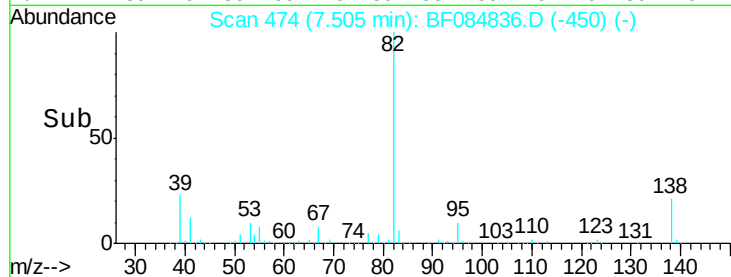
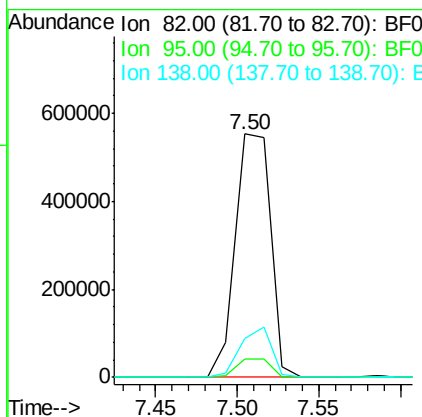
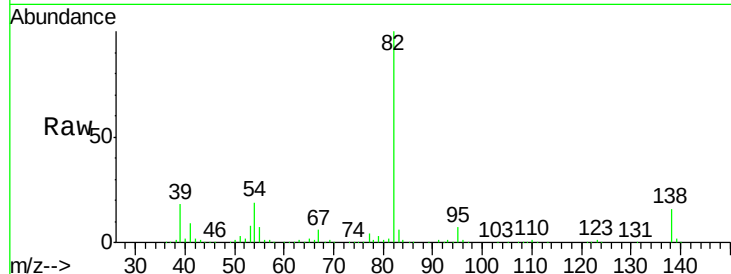
ClientSampleId :

S4-B017(5-7)

Tot Ion:	82	Resp:	826190
Ion Ratio		Lower	Upper
82	100		
95	7.3	6.6	10.0
138	15.9	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.50 ng

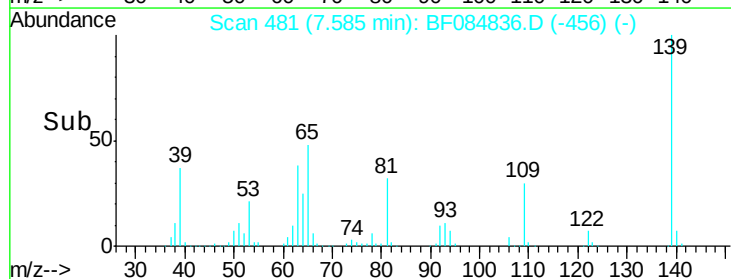
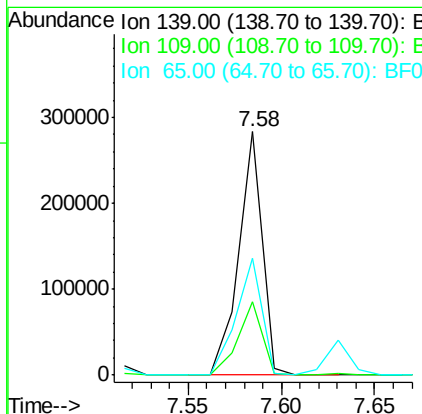
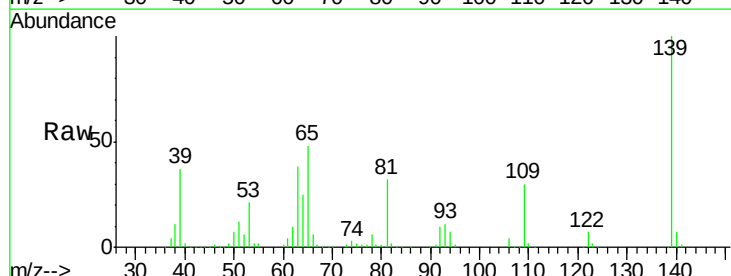
RT: 7.58 min Scan# 481

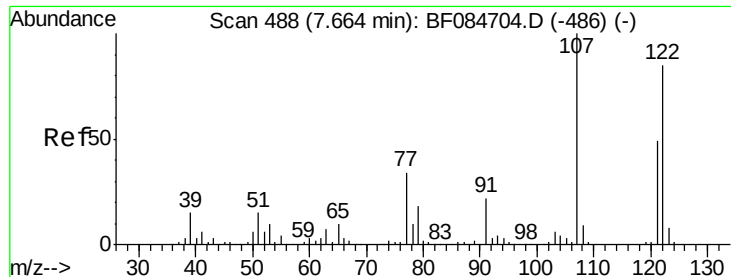
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	139	Resp:	251396
Ion Ratio		Lower	Upper
139	100		
109	30.1	25.4	38.2
65	48.0	32.3	48.5





#27

2,4-Dimethylphenol

Concen: 40.29 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

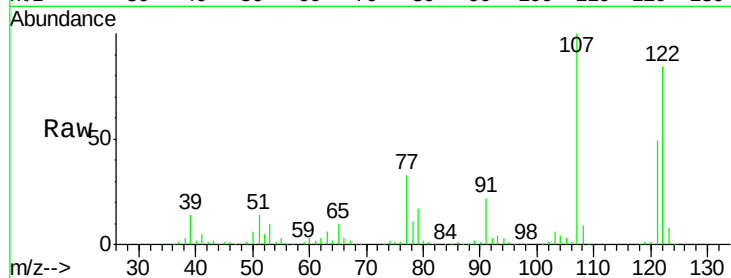
ClientSampled :

S4-B017(5-7)

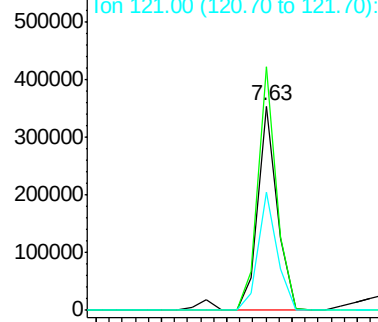
Tot Ion:	122	Resp:	387183
Ion Ratio	Lower	Upper	
122	100		
107	119.3	99.1	148.7
121	58.0	47.9	71.9

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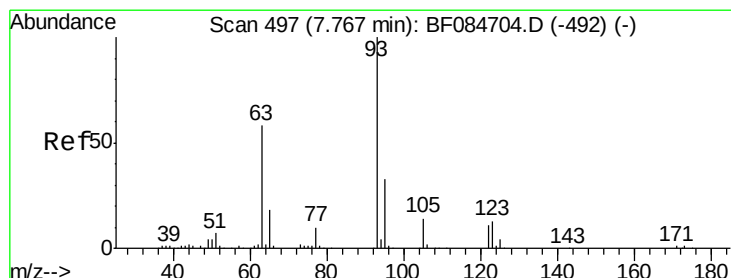
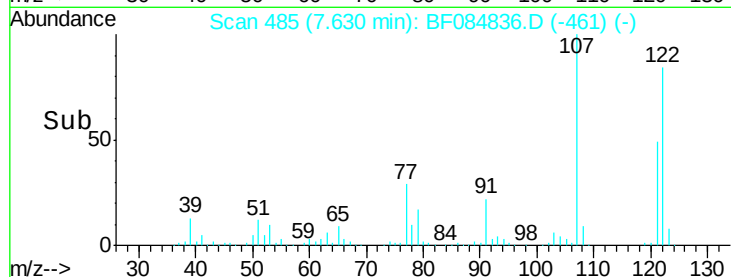
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 39.77 ng

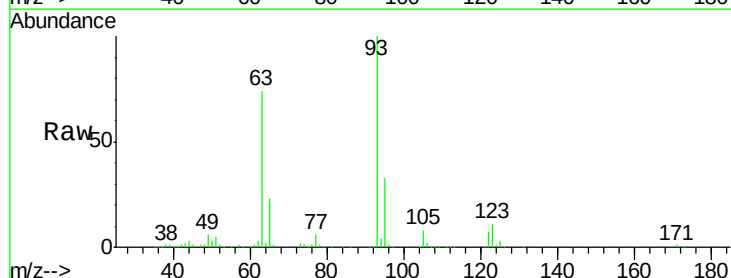
RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

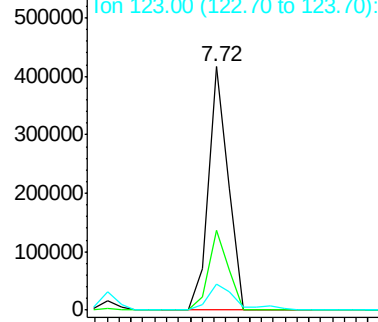
Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

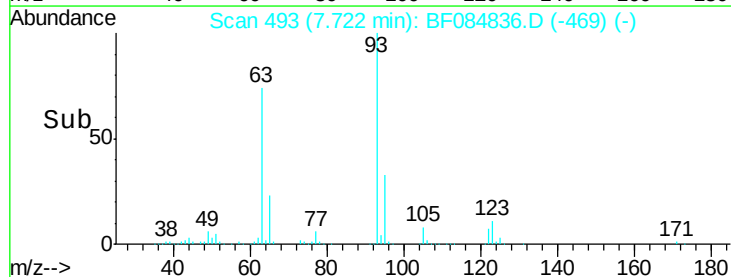
Tgt Ion:	93	Resp:	479980
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.8	38.6
123	10.6	8.6	12.8

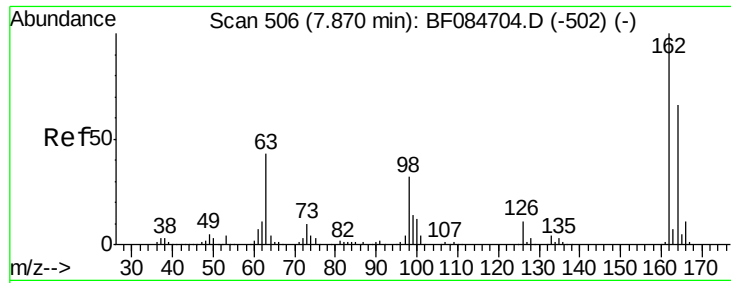


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



Time-->





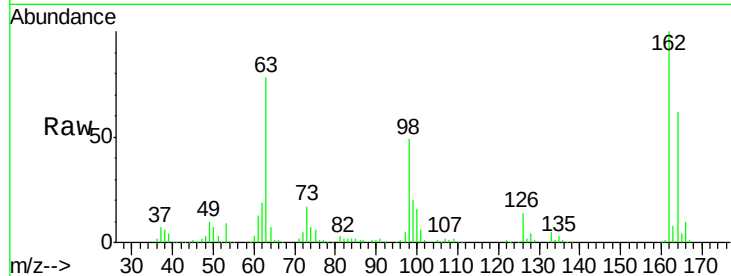
#29
 2,4-Dichlorophenol
 Concen: 41.43 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

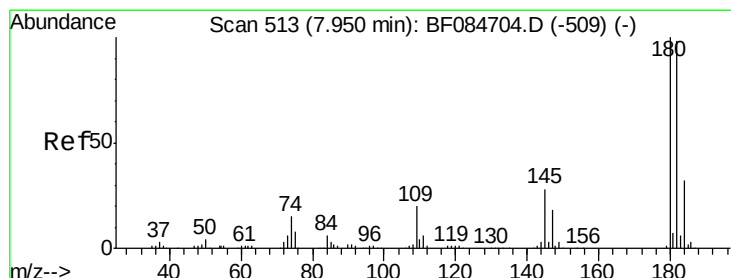
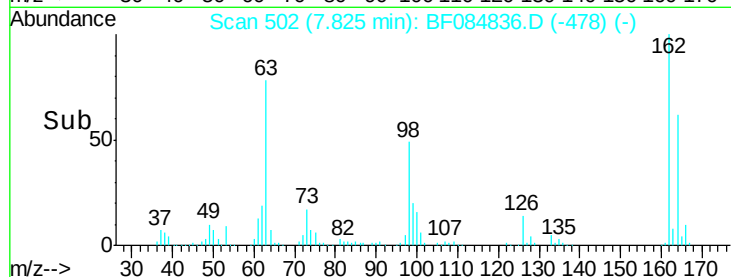
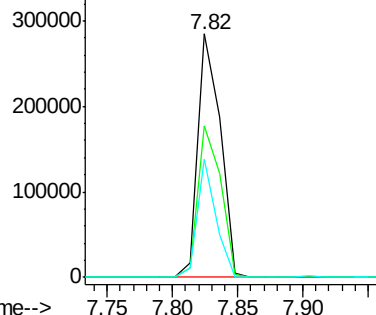
Tot Ion	Ratio	Resp	Lower	Upper
162	100	340683		
164	62.3	44.1	84.1	
98	48.6	20.2	60.2	

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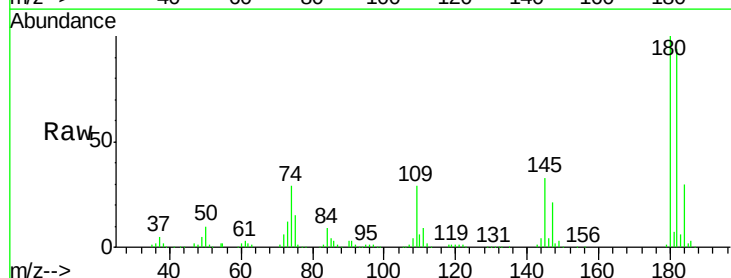


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

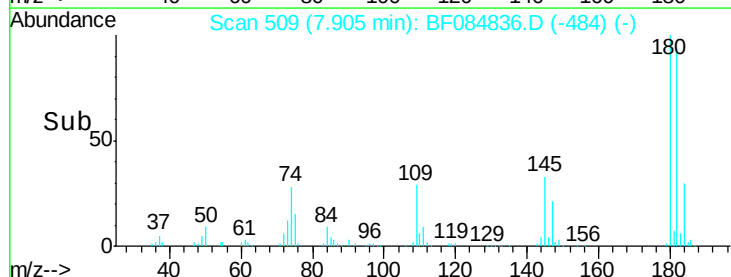
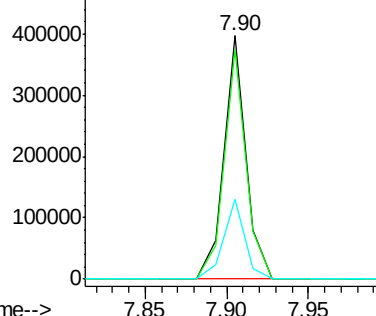


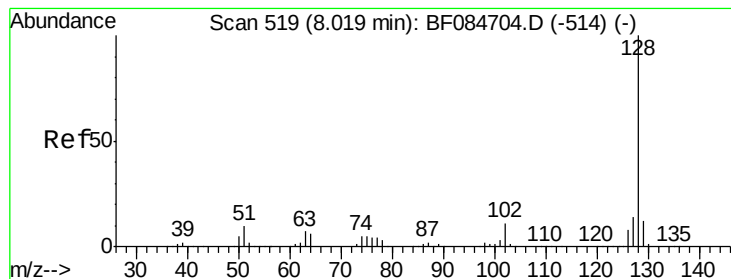
#30
 1,2,4-Trichlorobenzene
 Concen: 40.07 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	372159		
182	94.5	76.4	114.6	
145	32.7	31.6	47.4	



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





#31

Naphthalene

Concen: 42.31 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

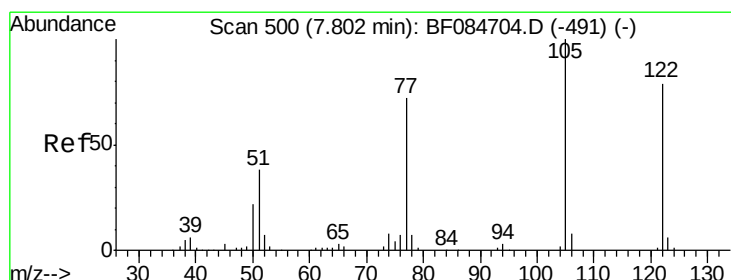
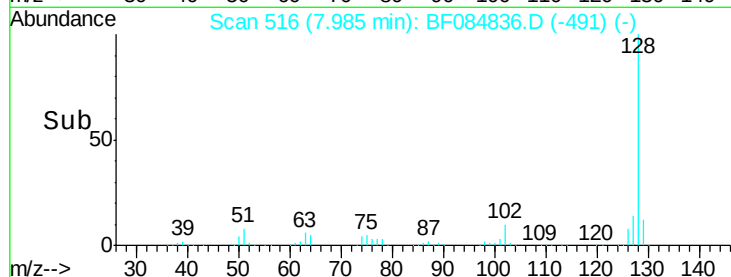
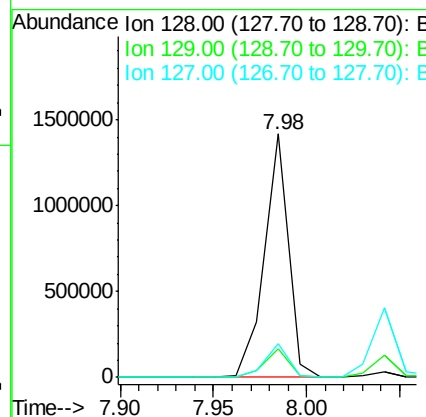
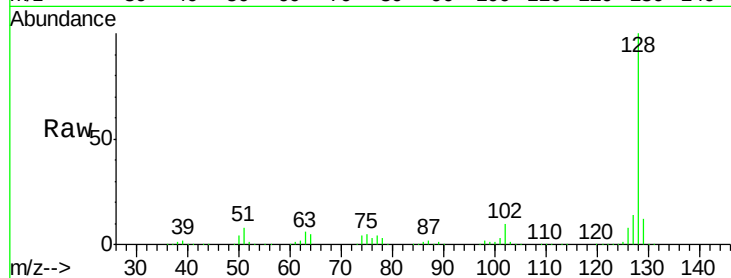
ClientSampleId :

S4-B017(5-7)

Tot Ion:	128	Resp:	1250757
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.7	11.1	16.7

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#32

Benzoic acid

Concen: 37.86 ng

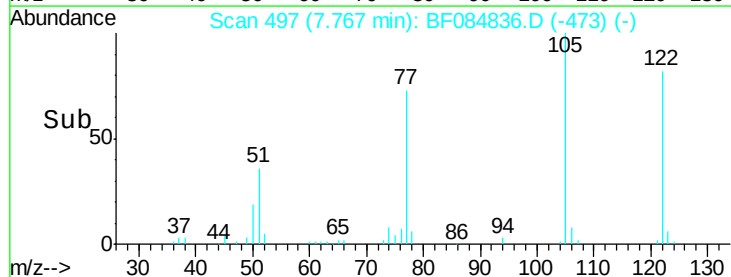
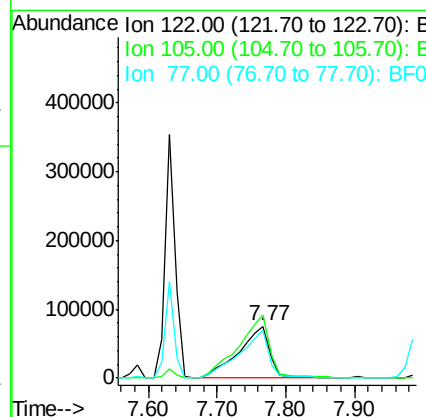
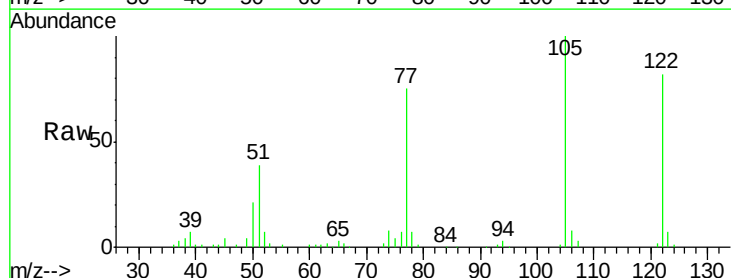
RT: 7.77 min Scan# 497

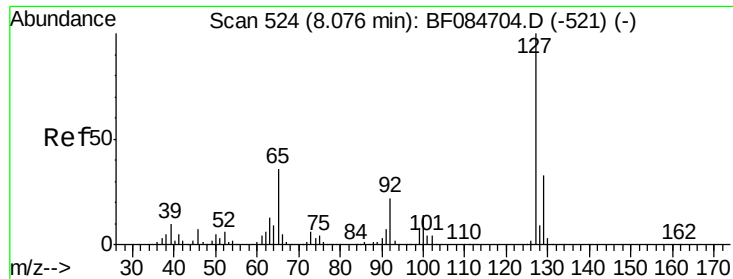
Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	122	Resp:	232717
Ion	Ratio	Lower	Upper
122	100		
105	122.1	100.3	140.3
77	92.1	63.5	103.5





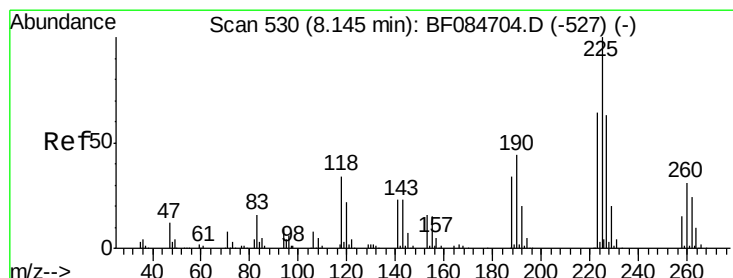
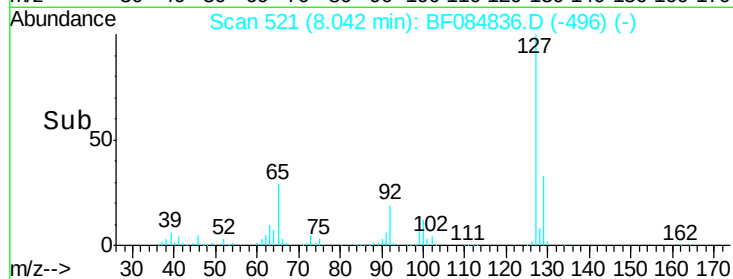
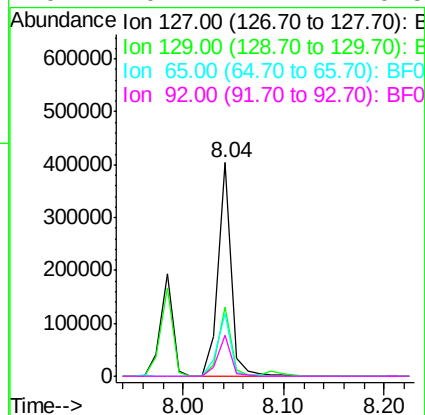
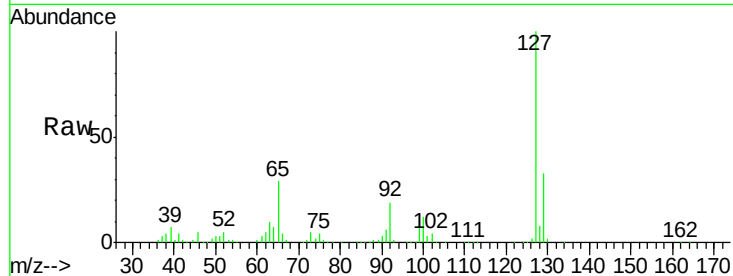
#33
4-Chloroaniline
Concen: 29.99 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.5	39.7		
65	29.1	27.2	40.8		
92	19.4	17.7	26.5		

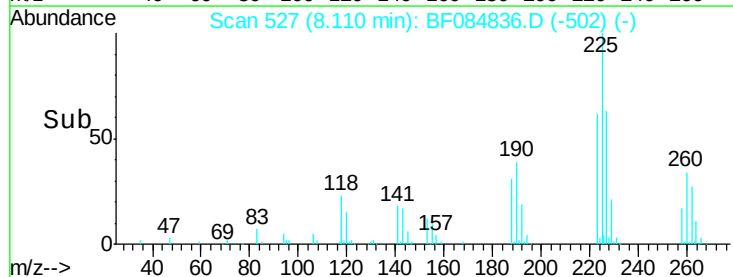
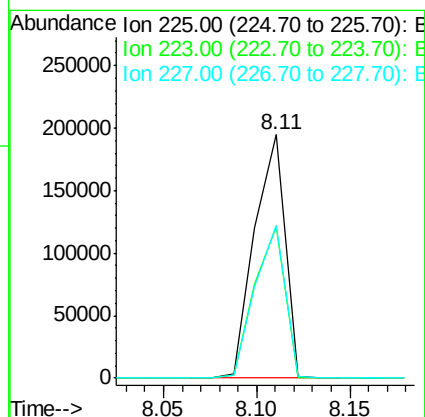
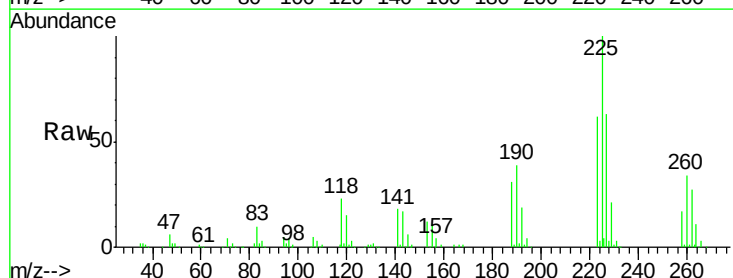
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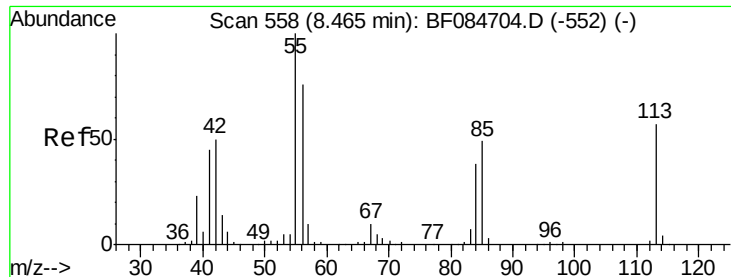
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#34
Hexachlorobutadiene
Concen: 40.93 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	49.4	74.0		
227	62.6	50.8	76.2		





#35

Caprolactam

Concen: 46.20 ng/ml

RT: 8.42 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

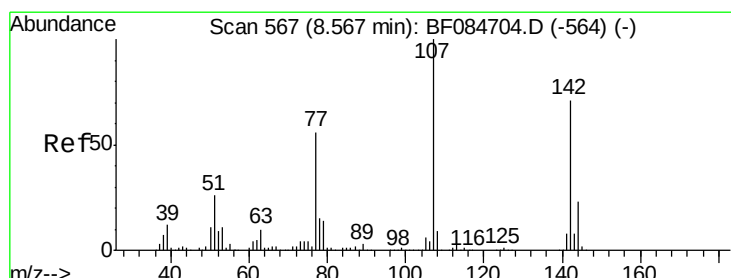
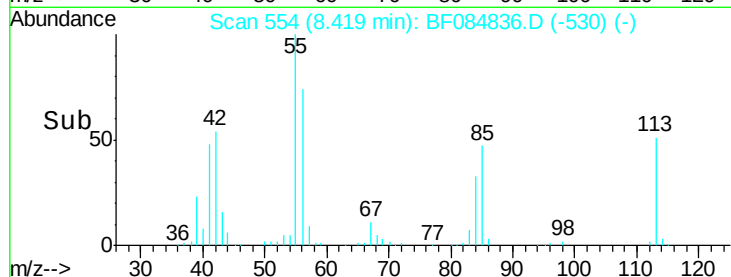
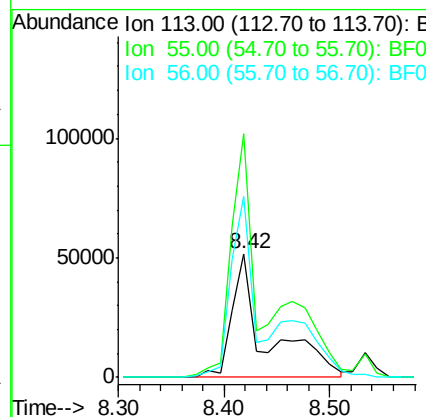
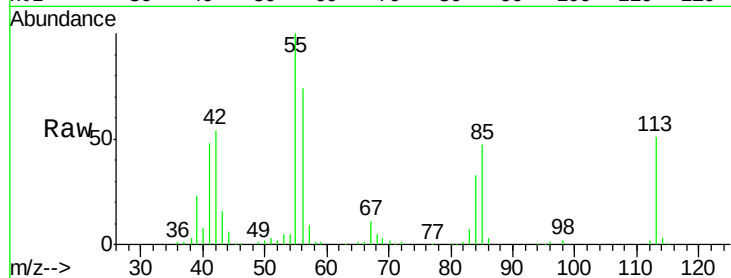
ClientSampleId :

S4-B017(5-7)

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.2	116.9	156.9#
56	146.8	93.8	133.8#

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#36

4-Chloro-3-methylphenol

Concen: 40.57 ng/ml

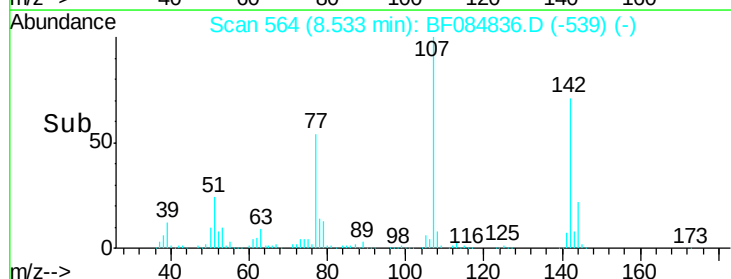
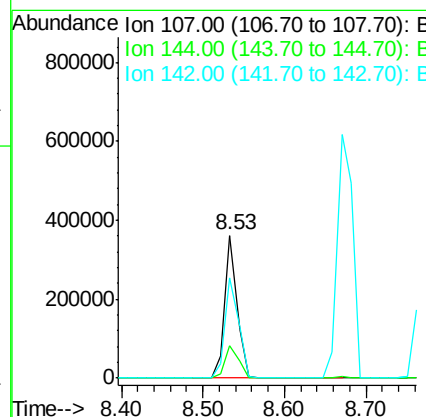
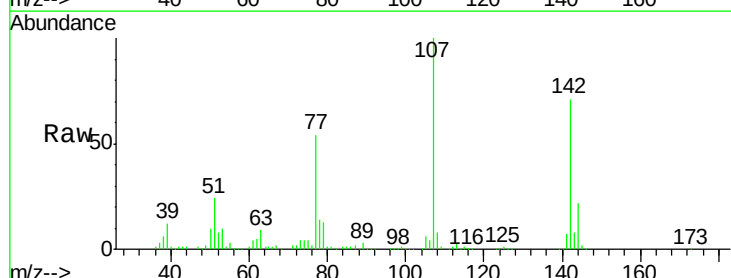
RT: 8.53 min Scan# 564

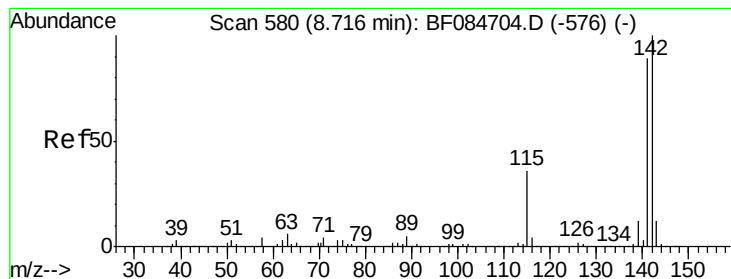
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	19.7	29.5
142	70.7	61.8	92.6





#37

2-Methylnaphthalene

Concen: 43.67 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

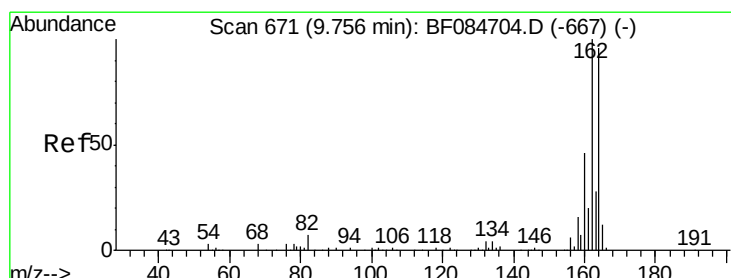
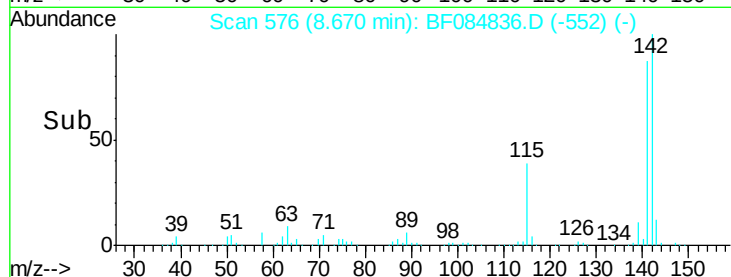
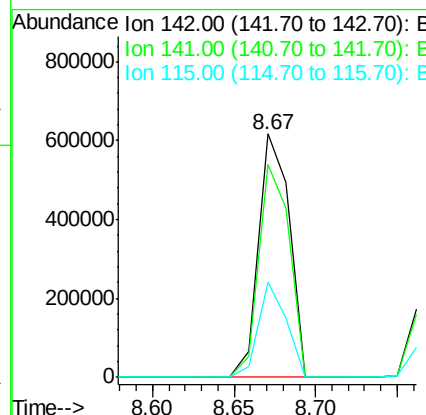
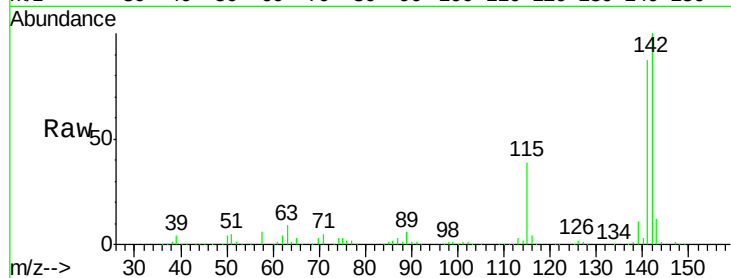
ClientSampleId :

S4-B017(5-7)

Tot Ion:	142	Resp:	807824
Ion Ratio	Lower	Upper	
142	100		
141	87.2	72.4	108.6
115	38.9	27.9	41.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

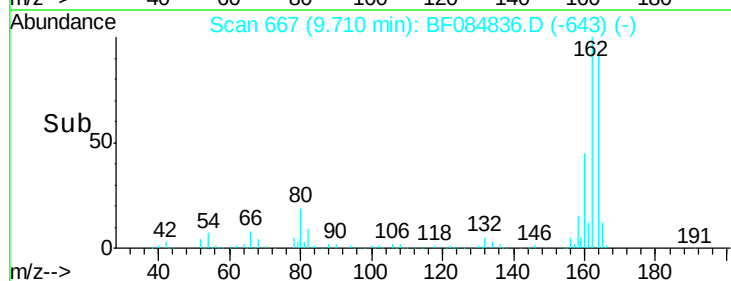
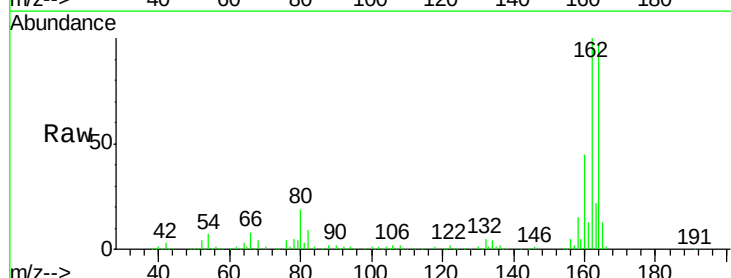
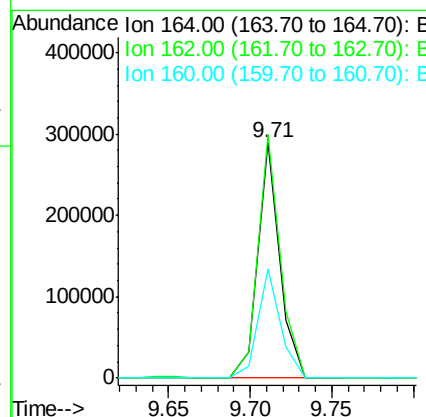
RT: 9.71 min Scan# 667

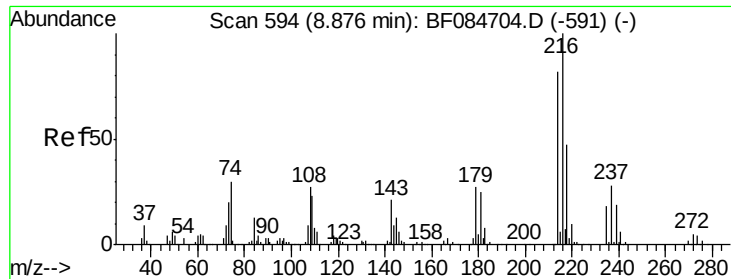
Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	164	Resp:	269591
Ion Ratio	Lower	Upper	
164	100		
162	103.4	85.1	127.7
160	46.3	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.29 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

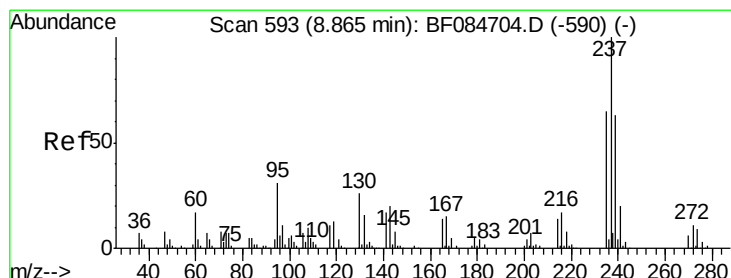
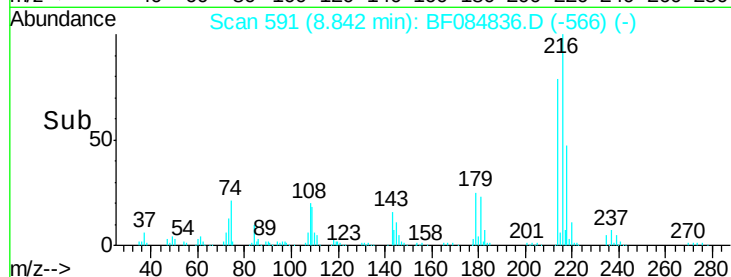
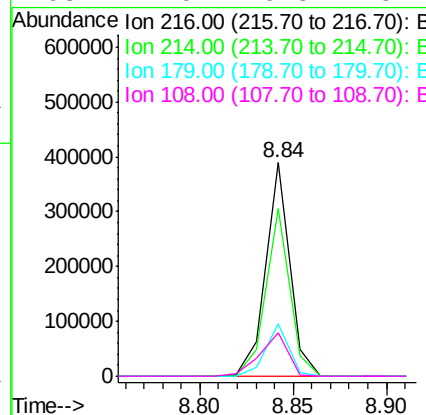
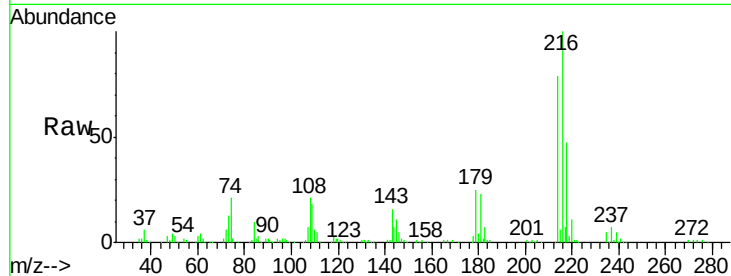
ClientSampleId :

S4-B017(5-7)

Tot Ion:	216	Resp:	344977
Ion Ratio	Lower	Upper	
216	100		
214	78.0	64.2	96.2
179	23.7	18.7	28.1
108	24.0	16.8	25.2

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#40

Hexachlorocyclopentadiene

Concen: 86.84 ng

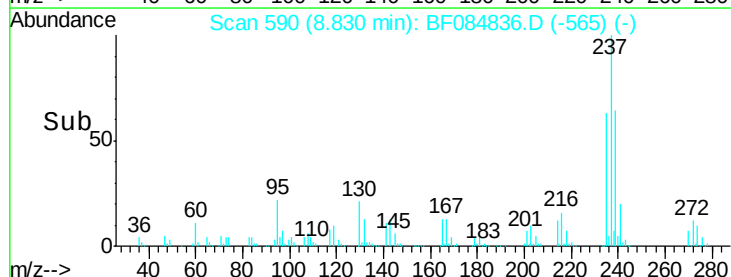
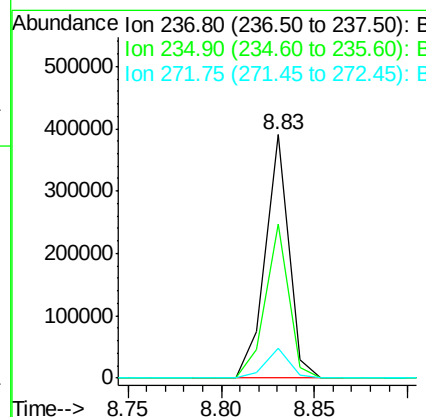
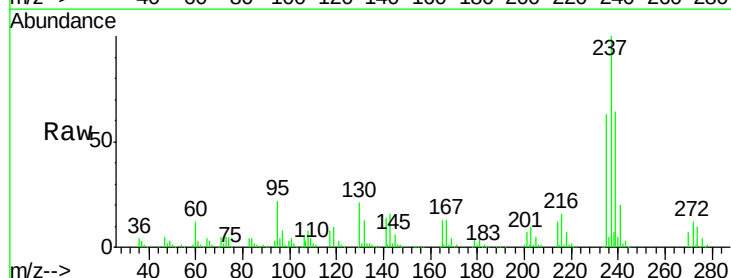
RT: 8.83 min Scan# 590

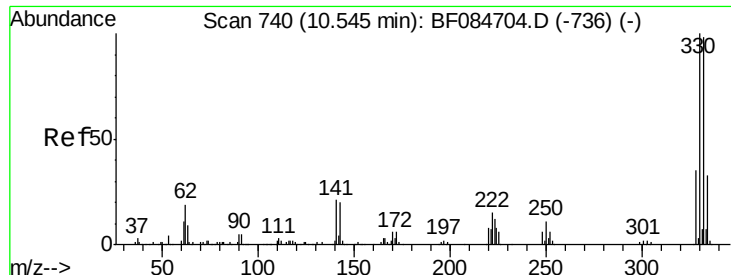
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	237	Resp:	339681
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.1	83.1
272	12.5	0.0	35.1





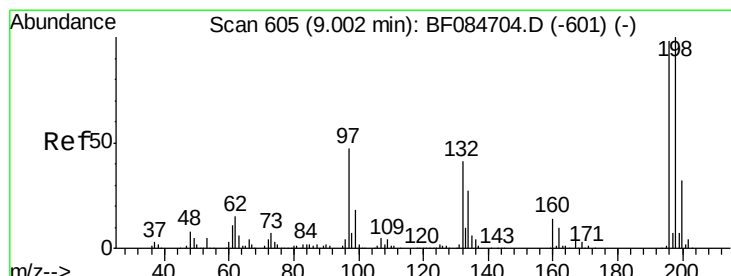
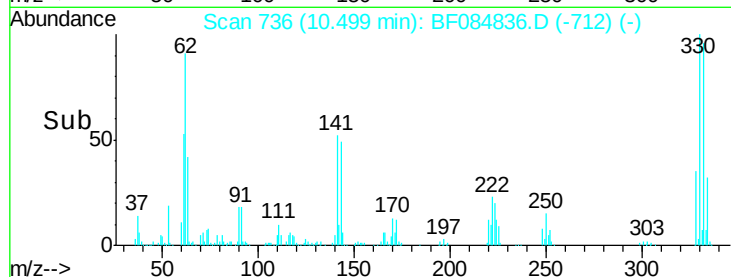
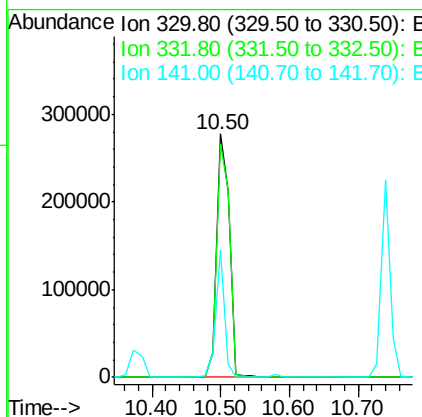
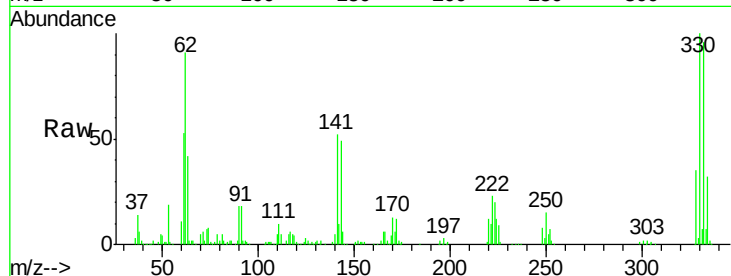
#41
 2,4,6-Tribromophenol
 Concen: 129.53 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	364236		
332	97.5	76.6	114.8	
141	36.1	27.8	41.6	

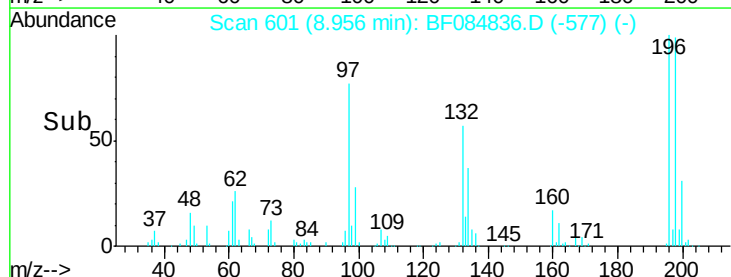
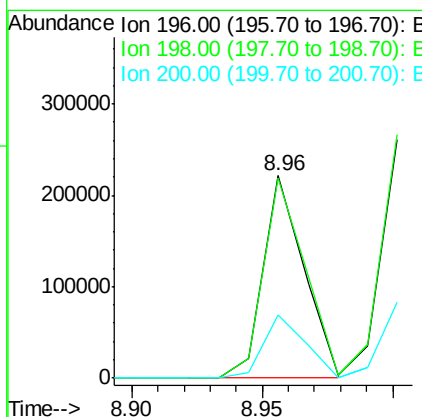
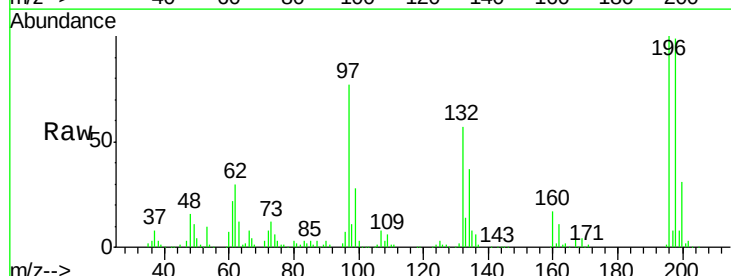
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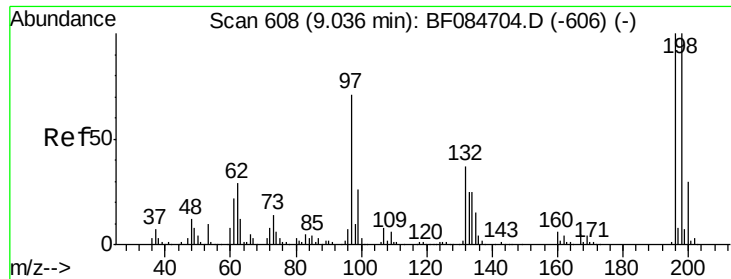
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#42
 2,4,6-Trichlorophenol
 Concen: 43.19 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238247		
198	99.0	77.7	116.5	
200	31.1	24.6	37.0	





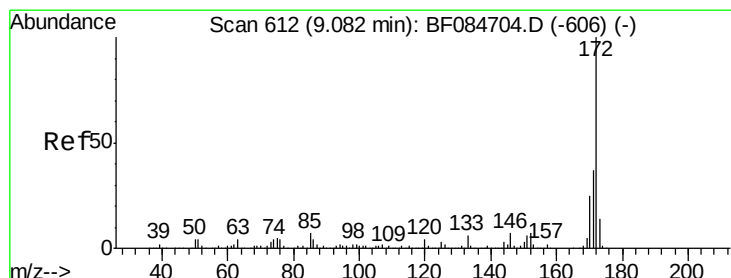
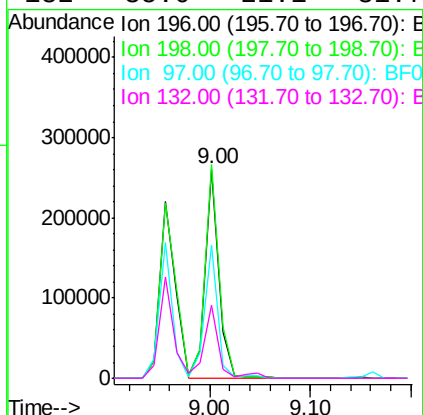
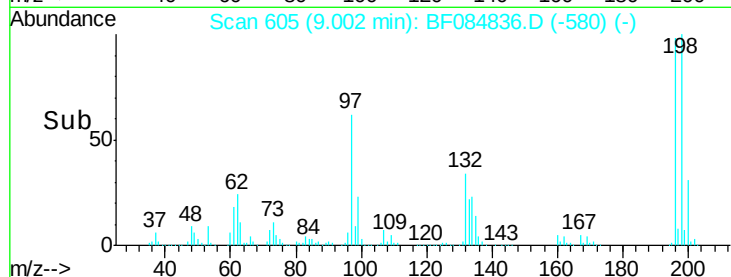
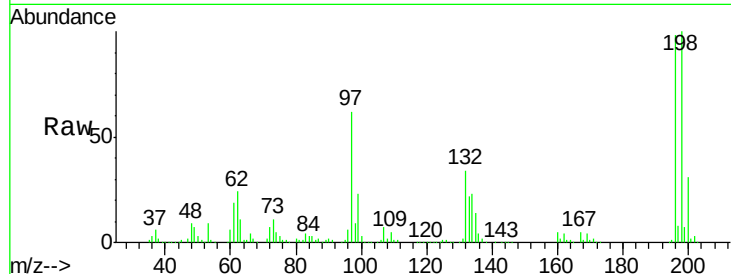
#43
 2,4,5-Trichlorophenol
 Concen: 44.29 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tot Ion	196	Resp	248259
Ion Ratio	Lower	Upper	
196	100		
198	102.1	79.0	118.6
97	63.5	33.0	49.6#
132	35.0	21.1	31.7#

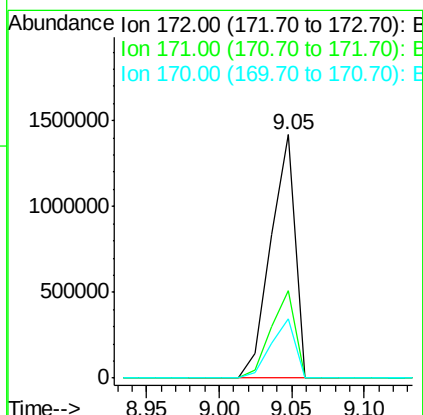
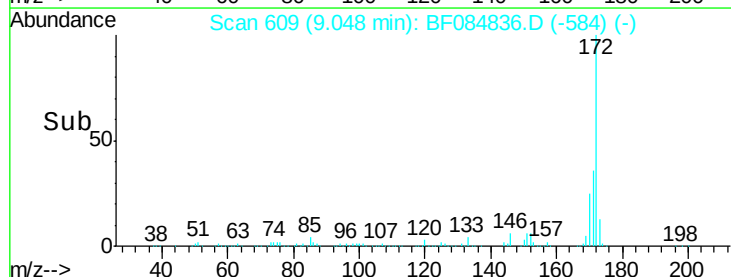
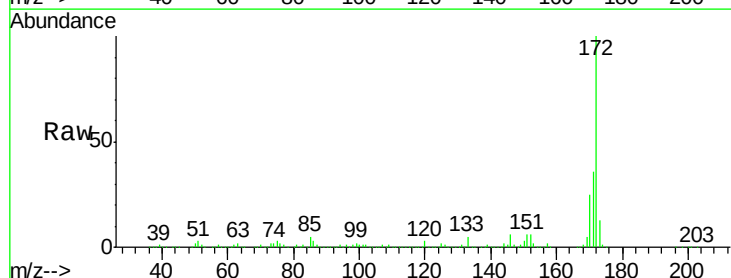
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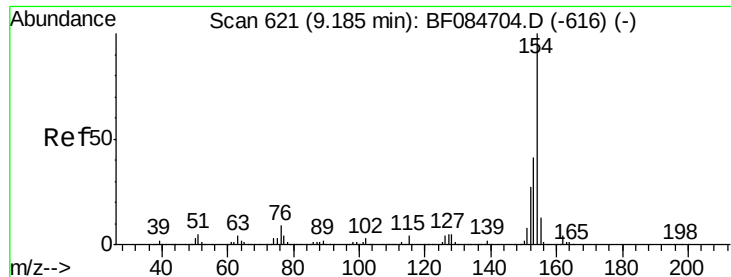
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#44
 2-Fluorobiphenyl
 Concen: 118.63 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion	172	Resp	1648615
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.9	43.3
170	24.6	18.6	27.8





#45

1,1'-Biphenyl

Concen: 38.70 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

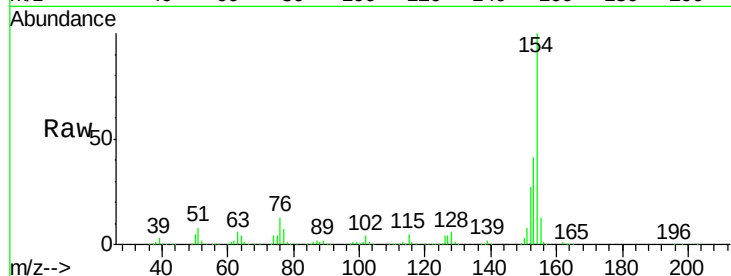
ClientSampled :

S4-B017(5-7)

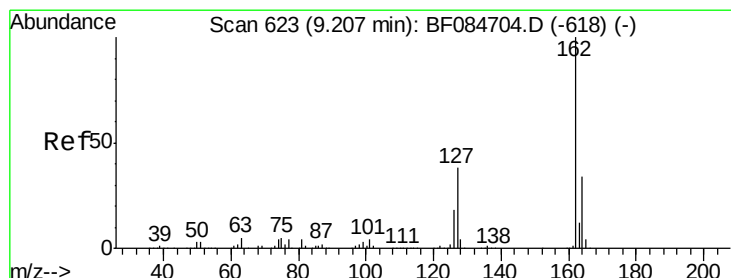
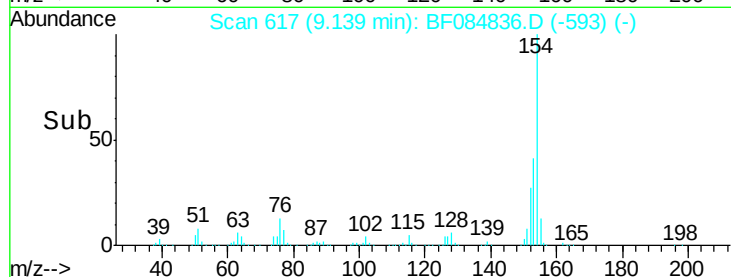
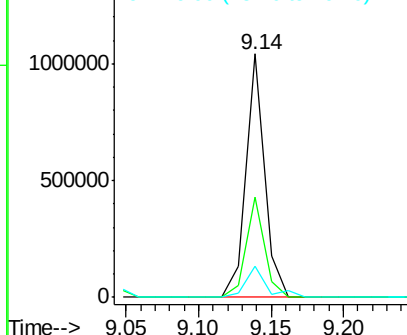
Tot Ion:	154	Resp:	931997
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.6	61.6
76	12.9	0.0	32.7

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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: 41.61 ng

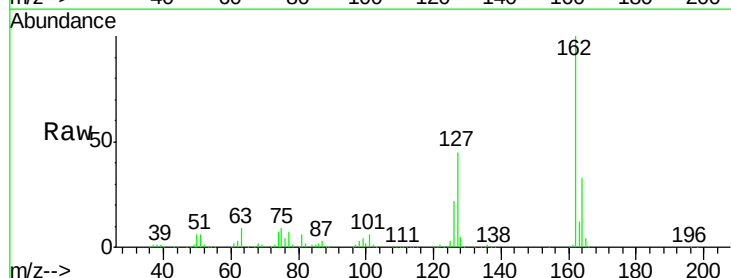
RT: 9.16 min Scan# 619

Delta R.T. -0.01 min

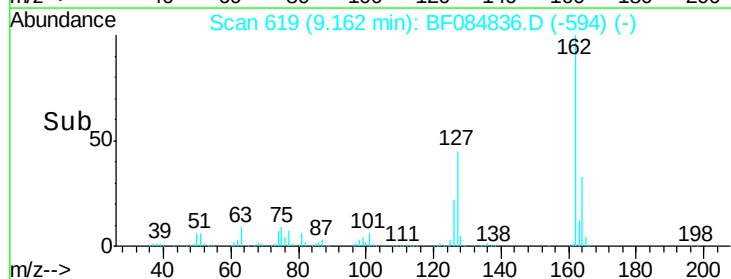
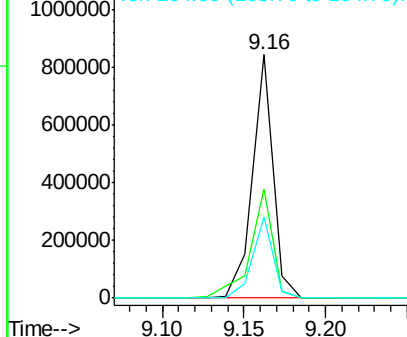
Lab File: BF084836.D

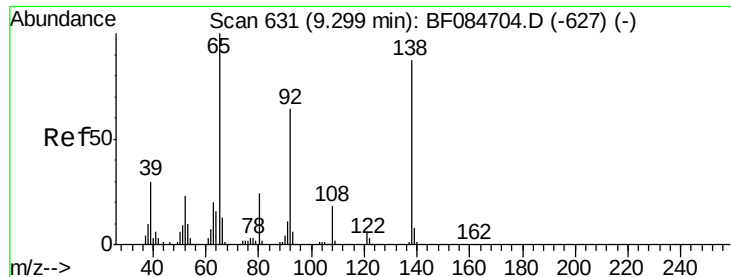
Acq: 4 Feb 2016 18:47

Tgt Ion:	162	Resp:	737823
Ion Ratio	Lower	Upper	
162	100		
127	44.9	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: 45.84 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

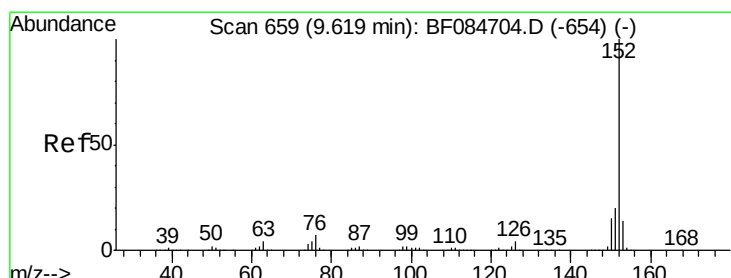
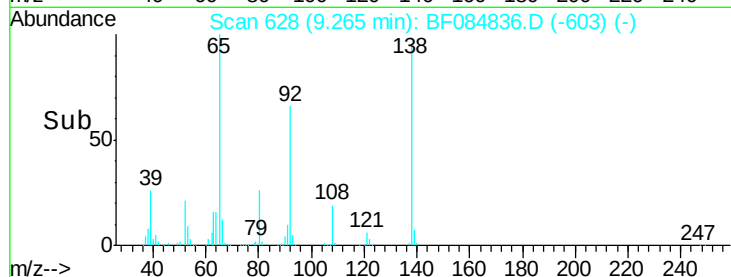
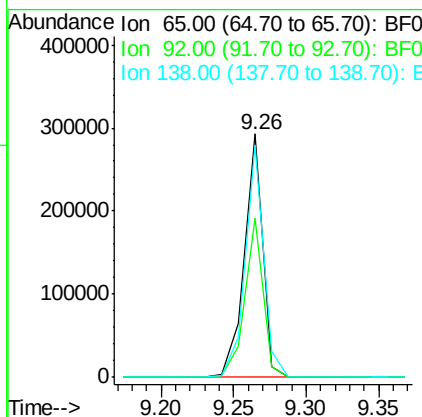
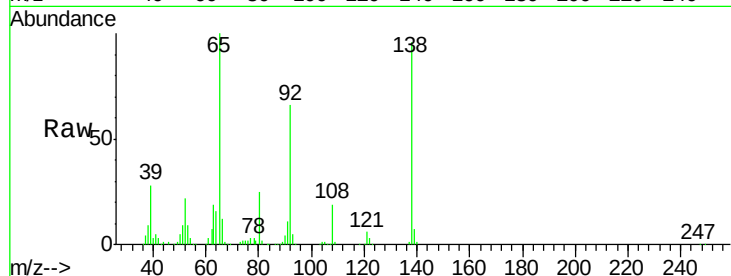
ClientSampleId :

S4-B017(5-7)

Tot Ion:	65	Resp:	257392
Ion Ratio	Lower	Upper	
65	100		
92	65.5	53.4	80.2
138	95.6	71.1	106.7

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#48

Acenaphthylene

Concen: 40.88 ng

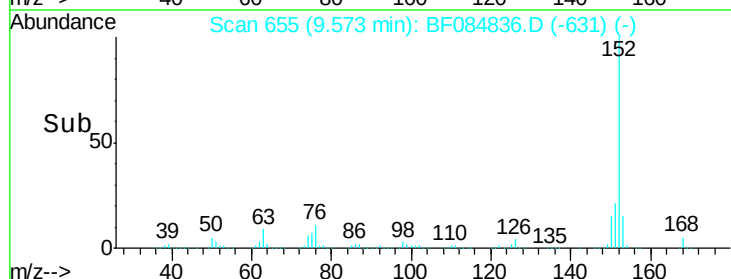
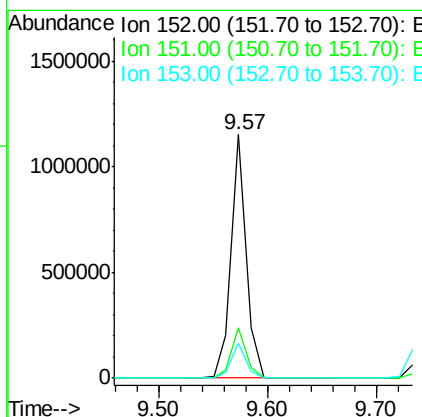
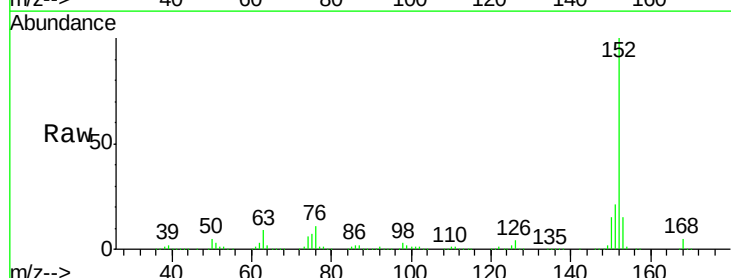
RT: 9.57 min Scan# 655

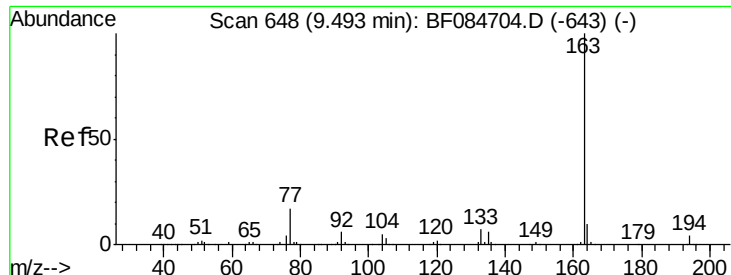
Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	152	Resp:	1099970
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	14.6	10.4	15.6





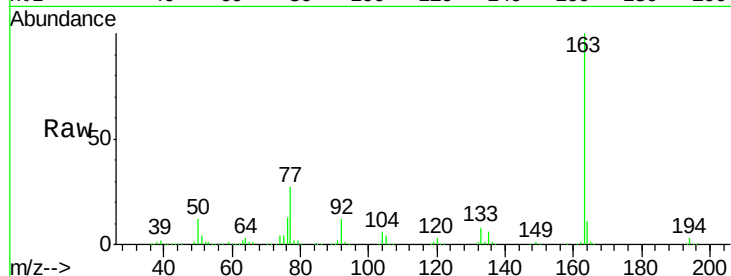
#49
Dimethylphthalate
Concen: 42.06 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	863632		
194	2.9	8.0	12.0#	
164	10.6	8.0	12.0	

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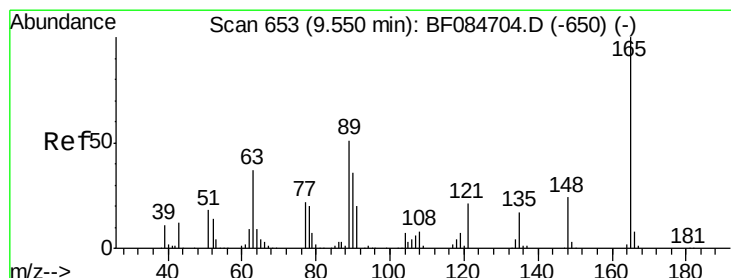
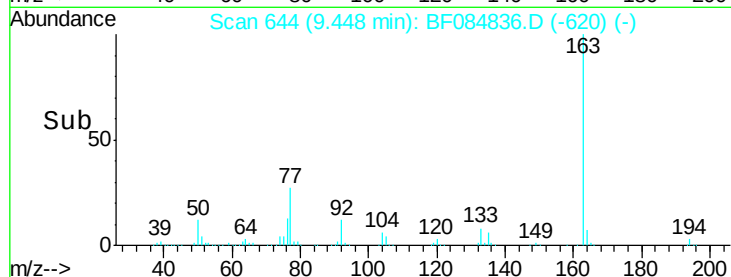
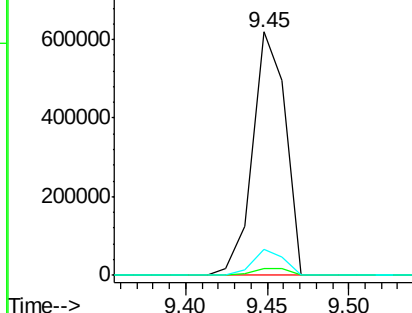


Abundance

Ion 163.00 (162.70 to 163.70): E

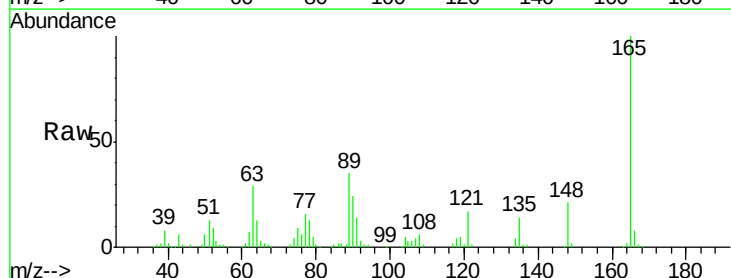
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 43.40 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	194669		
63	29.0	28.8	43.2	
89	35.0	35.1	52.7#	

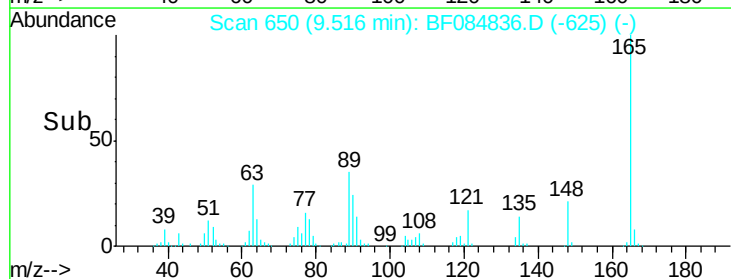
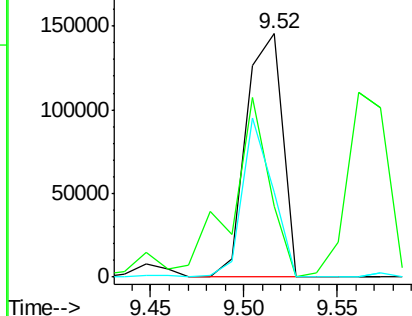


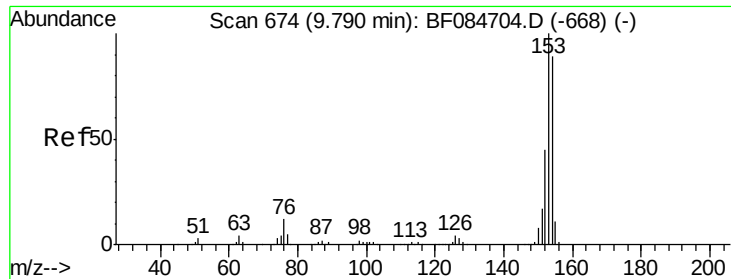
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.60 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

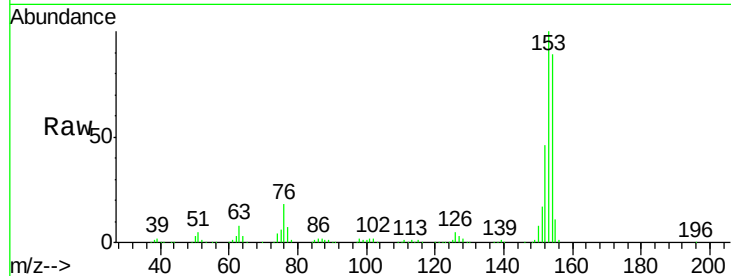
ClientSampleId :

S4-B017(5-7)

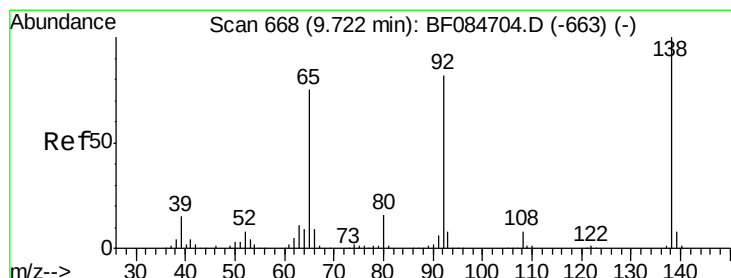
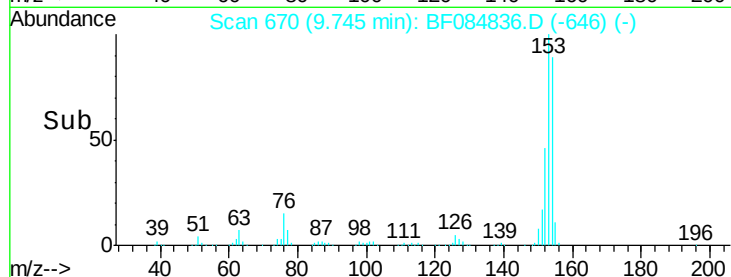
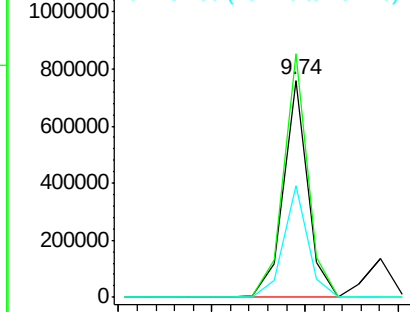
Tot Ion:	154	Resp:	693368
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.5	137.3
152	51.4	43.0	64.6

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



#52

3-Nitroaniline

Concen: 31.23 ng

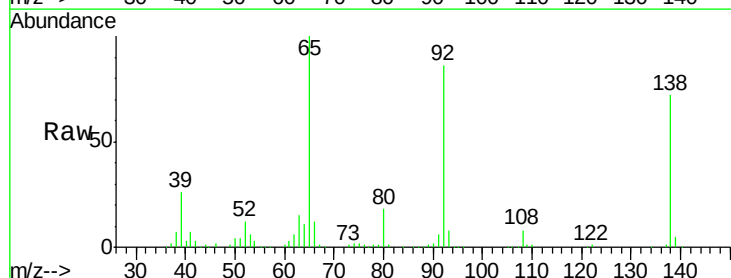
RT: 9.68 min Scan# 664

Delta R.T. -0.02 min

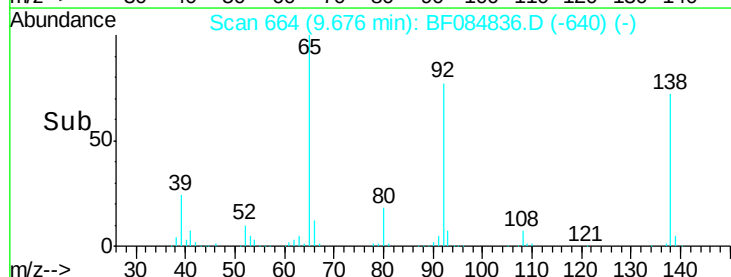
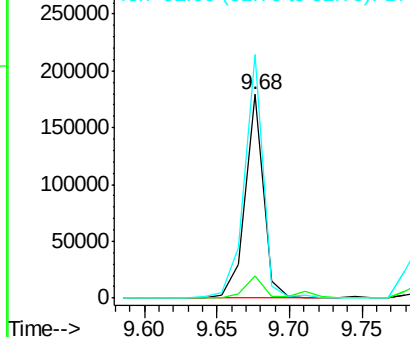
Lab File: BF084836.D

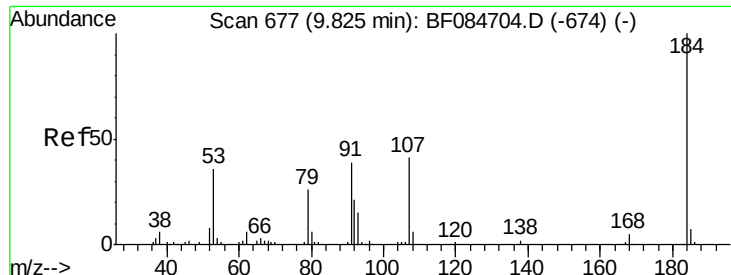
Acq: 4 Feb 2016 18:47

Tgt Ion:	138	Resp:	157398
Ion Ratio	Lower	Upper	
138	100		
108	10.7	10.5	15.7
92	119.7	103.9	155.9



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





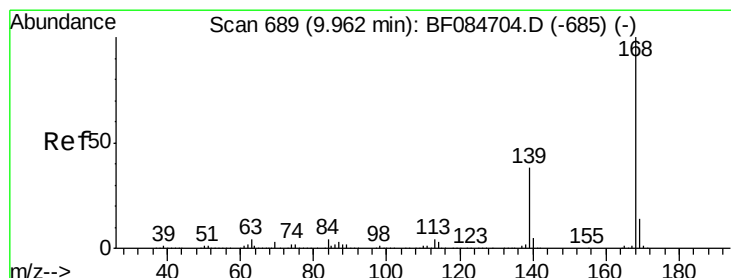
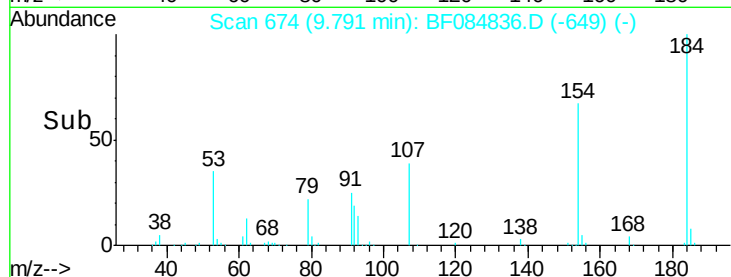
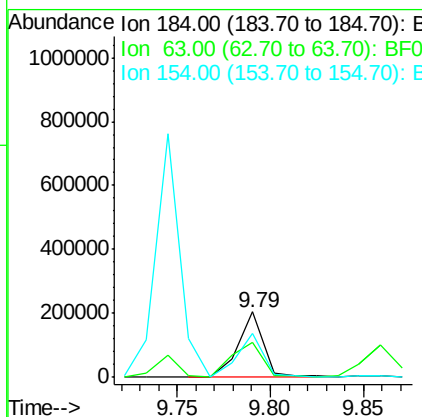
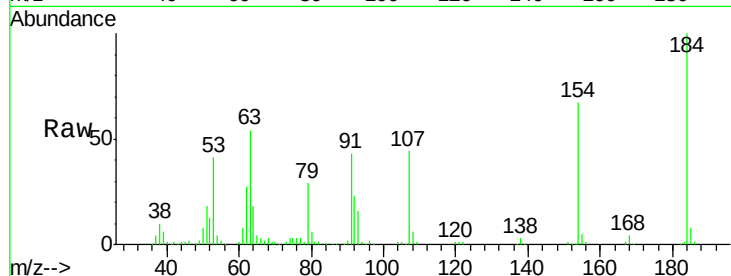
#53
 2,4-Dinitrophenol
 Concen: 94.83 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.9	43.1	64.7	
154	67.1	60.5	90.7	

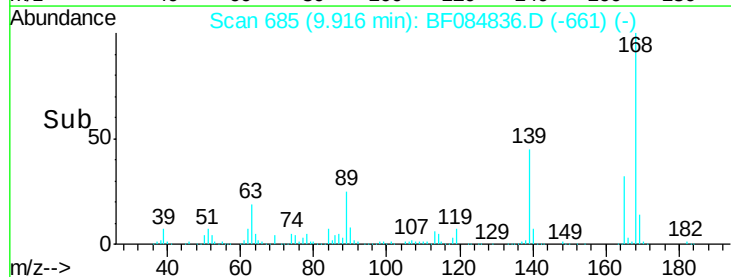
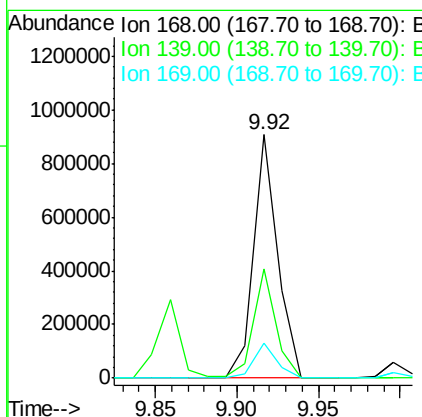
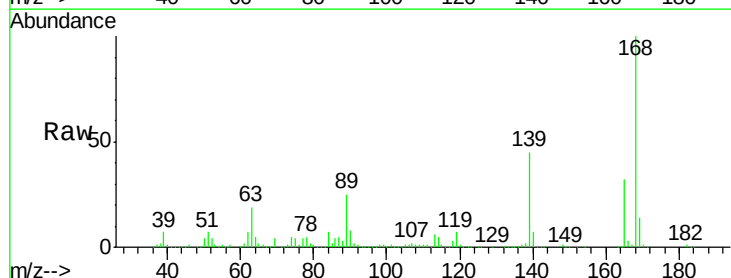
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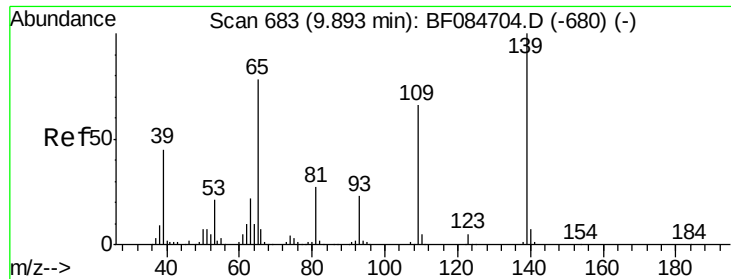
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#54
 Dibenzofuran
 Concen: 43.46 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	45.0	30.5	45.7	
169	14.5	10.4	15.6	





#55

4-Nitrophenol

Concen: 78.73 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

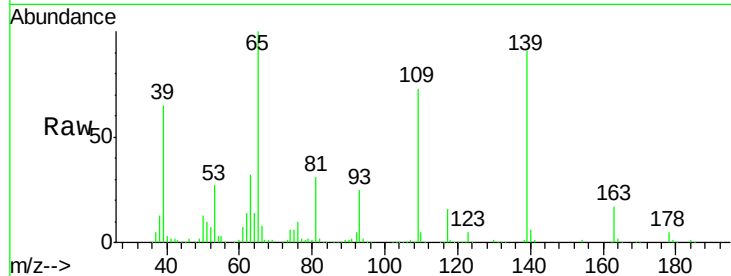
ClientSampleId :

S4-B017(5-7)

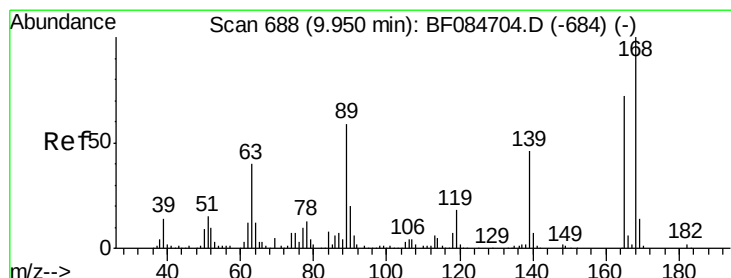
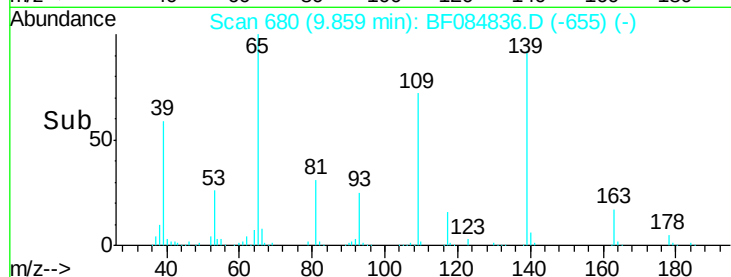
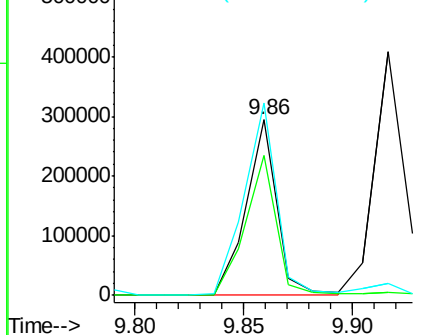
Tot Ion	Ratio	Resp	Lower	Upper
139	100	291658		
109	79.7	58.5	98.5	
65	109.6	57.6	97.6	

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



#56

2,4-Dinitrotoluene

Concen: 48.31 ng

RT: 9.92 min Scan# 685

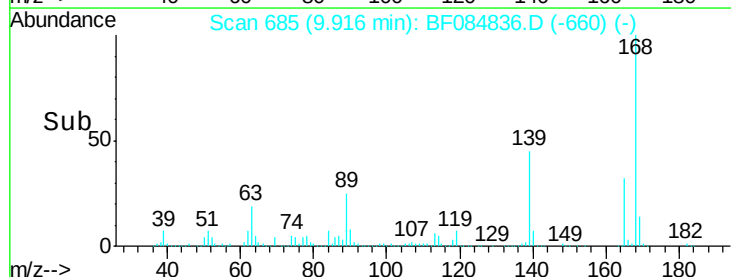
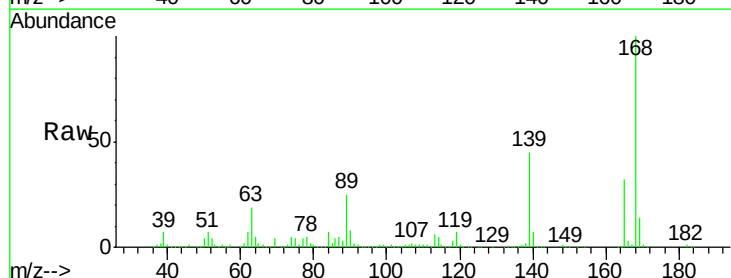
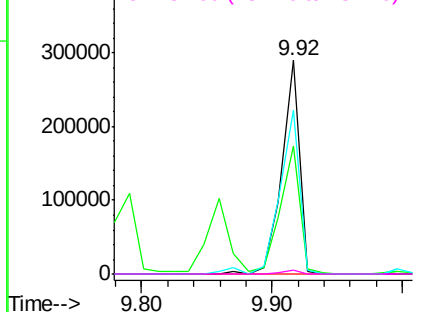
Delta R.T. -0.01 min

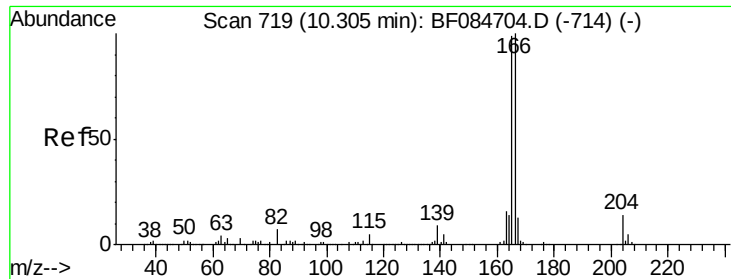
Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	276395		
63	59.9	36.7	55.1	
89	77.0	61.9	92.9	
182	2.1	2.0	3.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.90 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

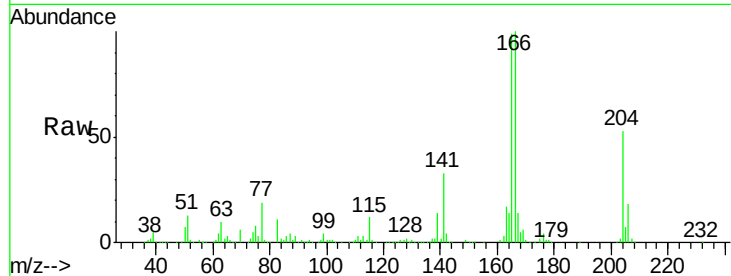
ClientSampleId :

S4-B017(5-7)

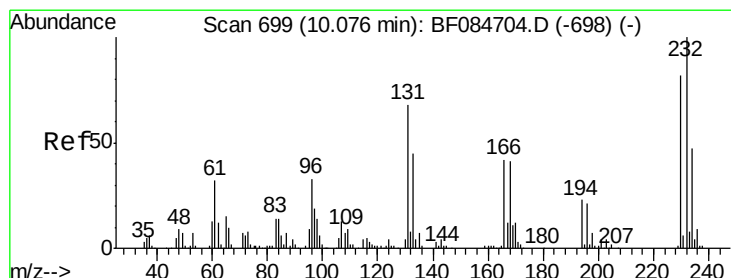
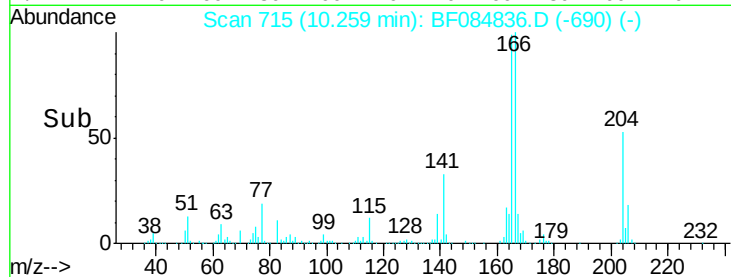
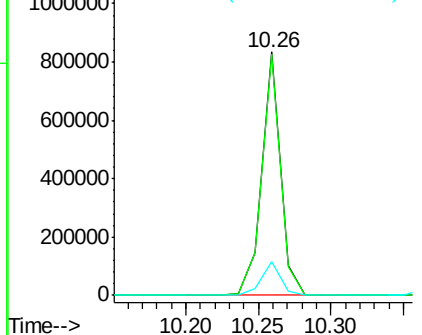
Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		748692		
165	98.8		79.1	118.7	
167	13.9		10.4	15.6	

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.66 ng

RT: 10.04 min Scan# 696

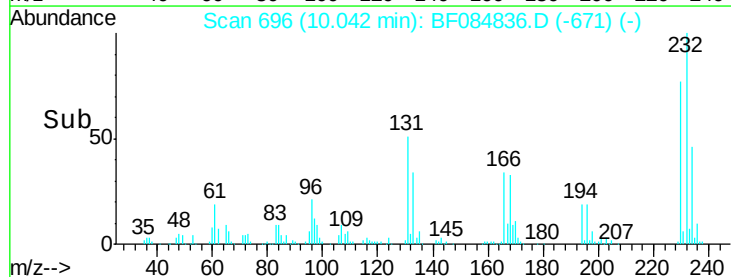
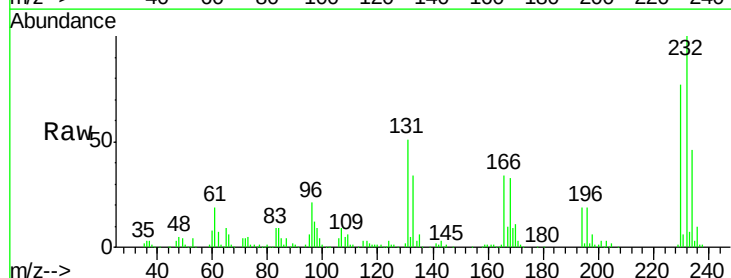
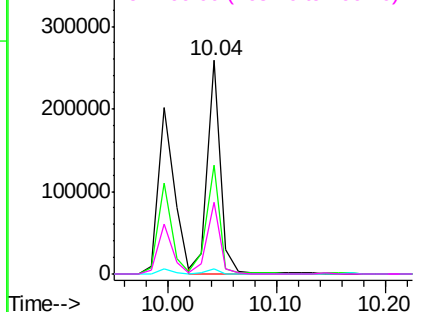
Delta R.T. -0.01 min

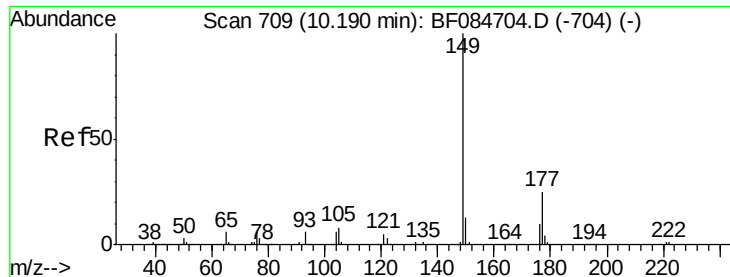
Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		220406		
131	51.5		47.0	70.6	
130	2.4		2.0	3.0	
166	33.5		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





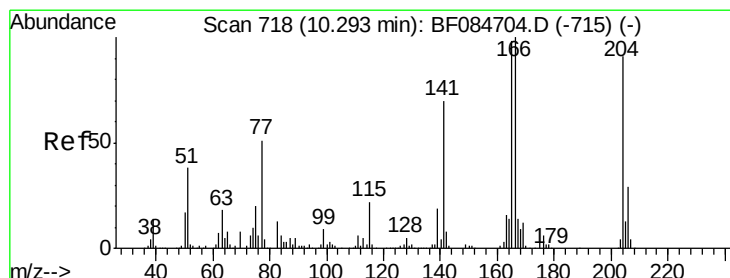
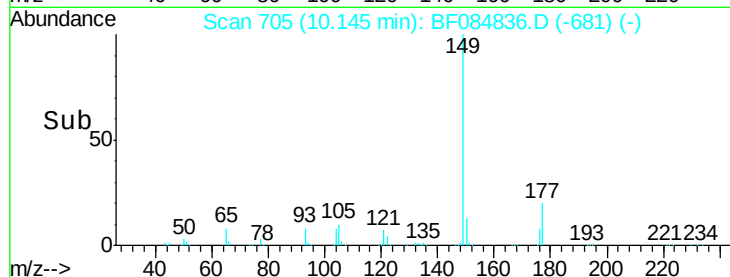
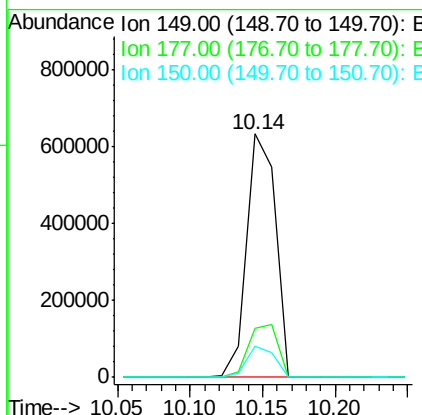
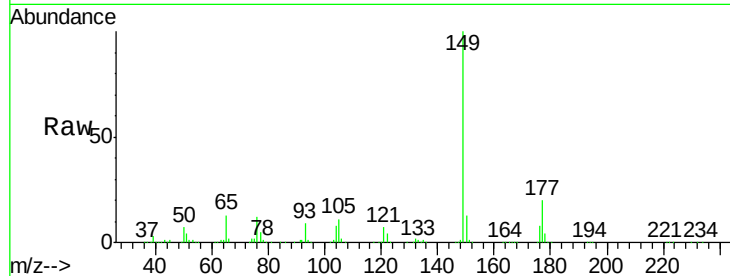
#59
Diethylphthalate
Concen: 43.40 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
149	100	870260		
177	20.1	17.3	25.9	
150	12.6	9.8	14.8	

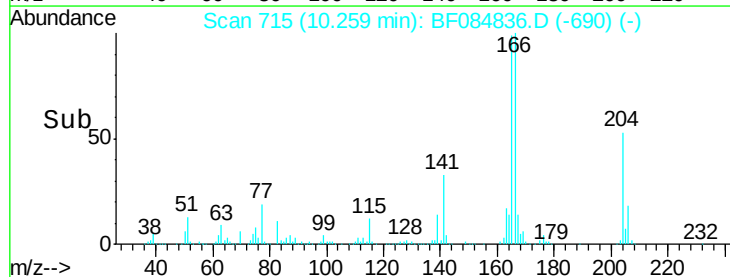
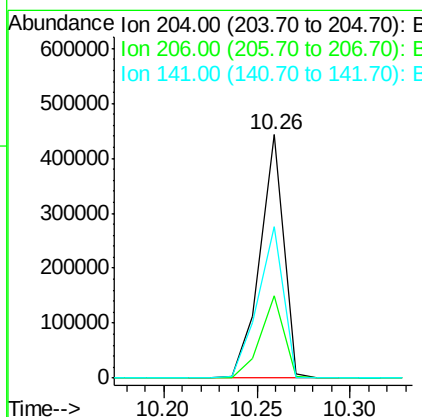
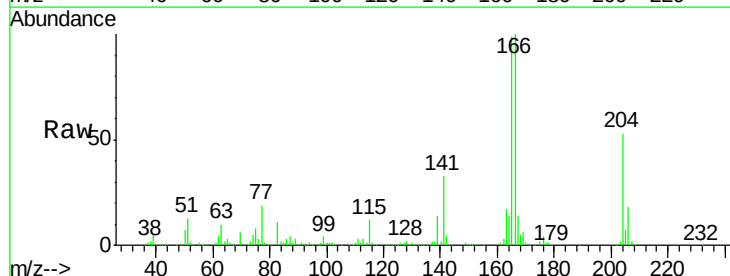
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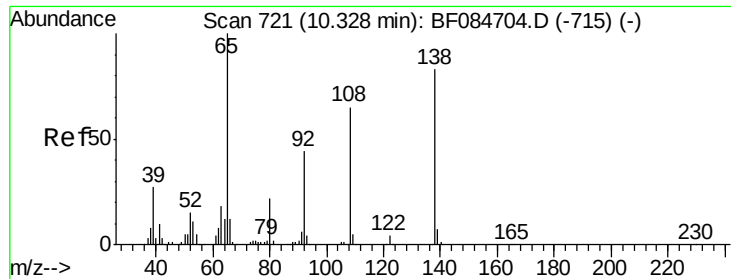
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 53.00 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	388142		
206	33.7	25.7	38.5	
141	62.2	55.1	82.7	





#61

4-Nitroaniline

Concen: 45.98 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

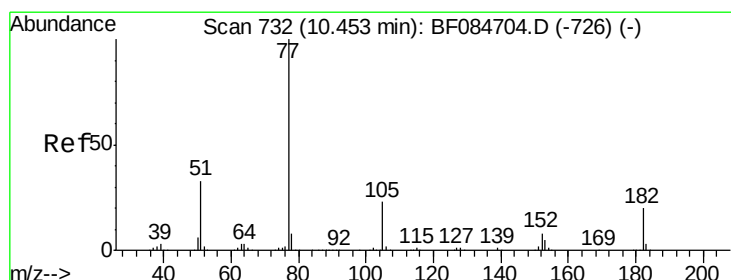
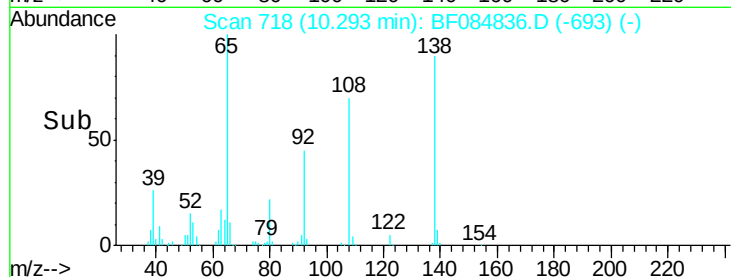
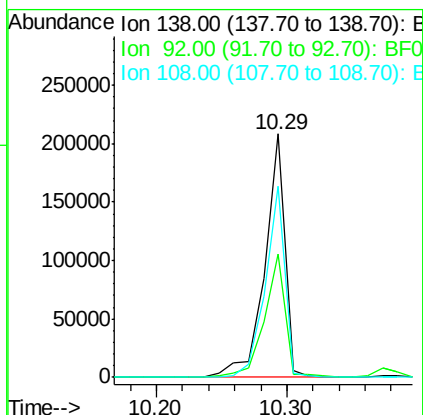
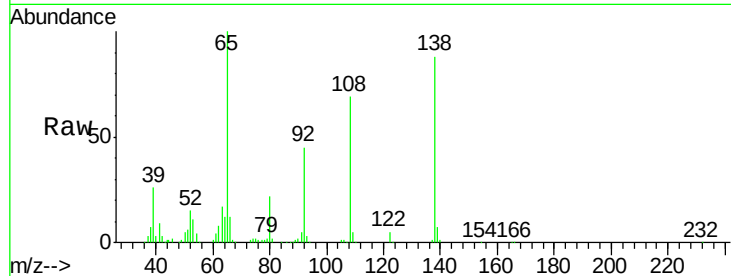
ClientSampled :

S4-B017(5-7)

Tot Ion:	138	Resp:	225859
Ion Ratio	Lower	Upper	
138	100		
92	50.5	32.6	72.6
108	78.4	68.6	108.6

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#62

Azobenzene

Concen: 50.84 ng

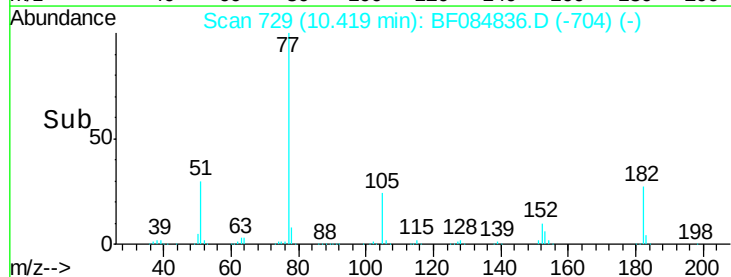
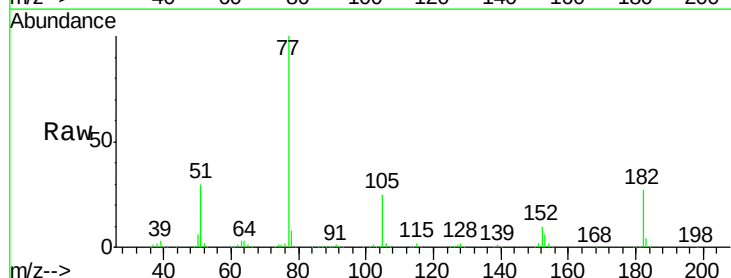
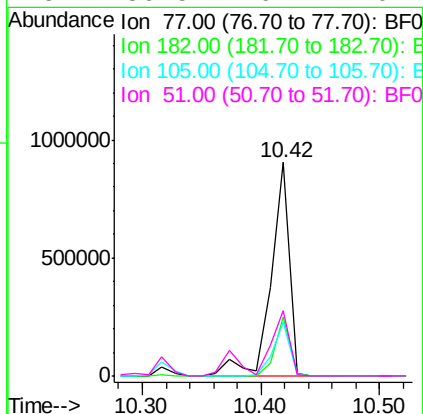
RT: 10.42 min Scan# 729

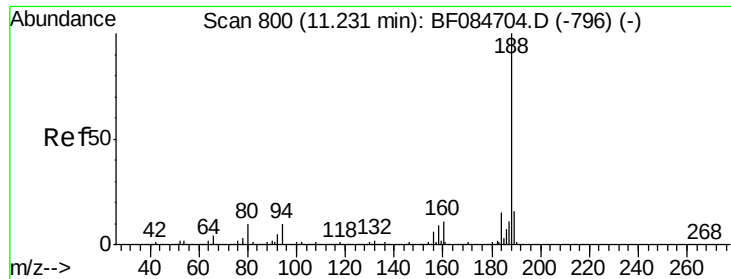
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	77	Resp:	980175
Ion Ratio	Lower	Upper	
77	100		
182	27.3	8.3	48.3
105	25.3	4.6	44.6
51	30.5	6.2	46.2





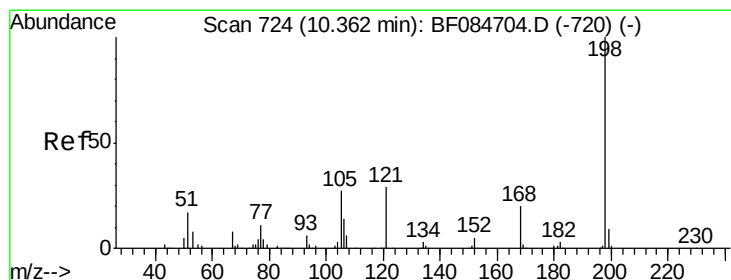
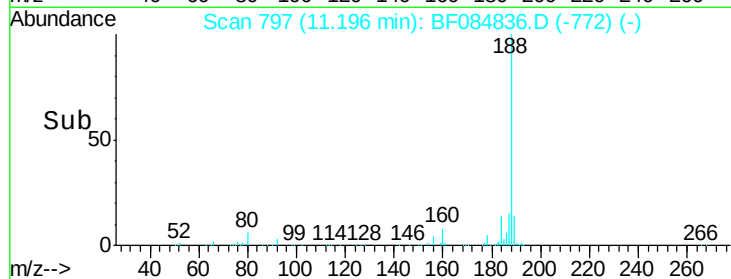
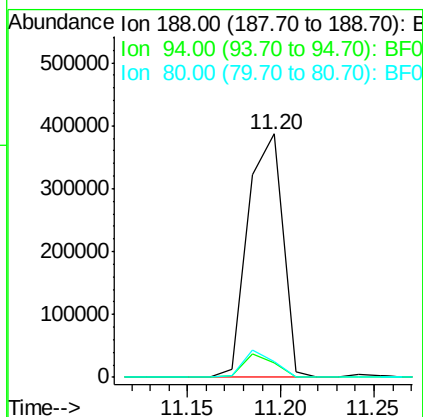
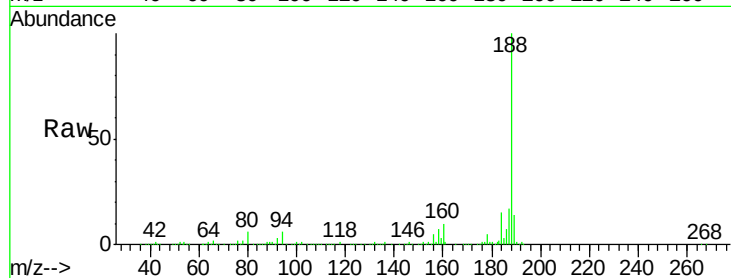
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.7	9.0	13.4#
80	6.4	9.6	14.4#

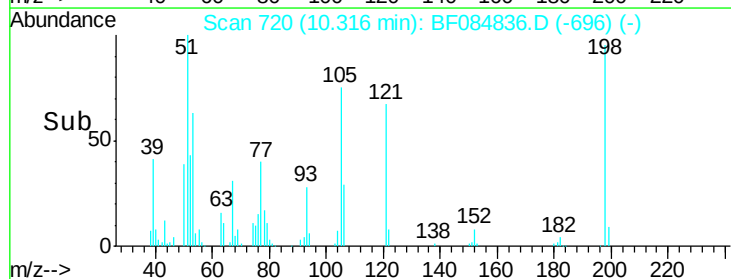
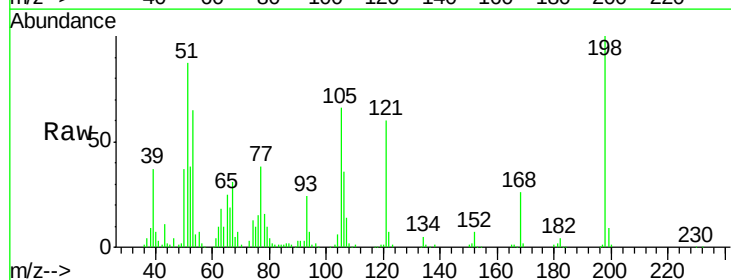
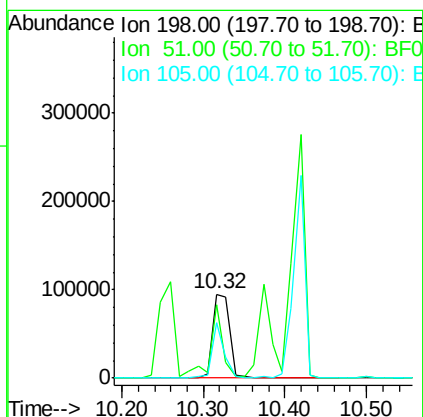
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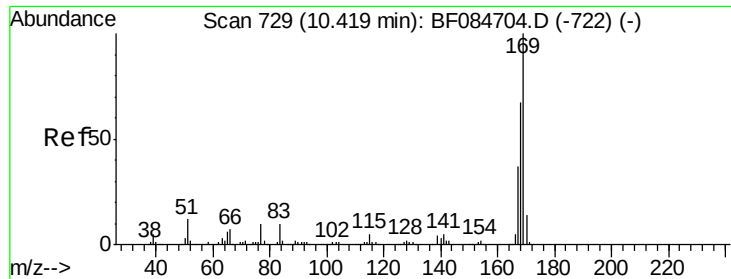
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.46 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	87.5	18.9	58.9#
105	65.6	26.4	66.4





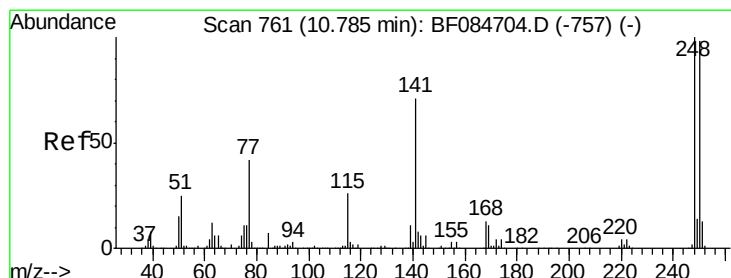
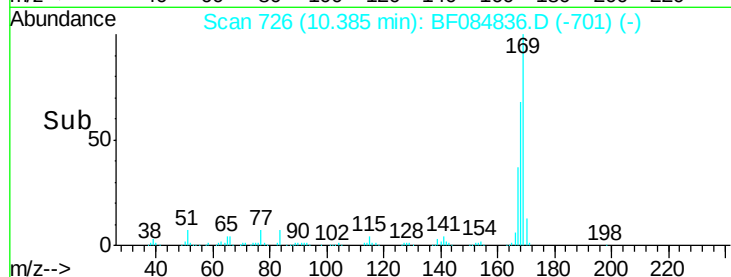
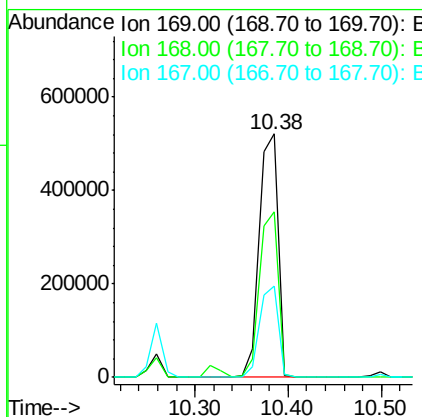
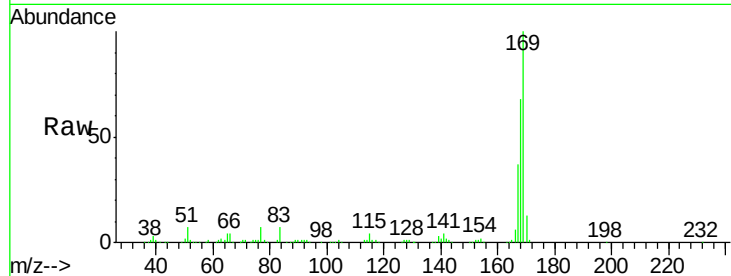
#65
 n-Nitrosodiphenylamine
 Concen: 46.35 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
169	100	737471		
168	67.8	55.1	82.7	
167	37.4	30.0	45.0	

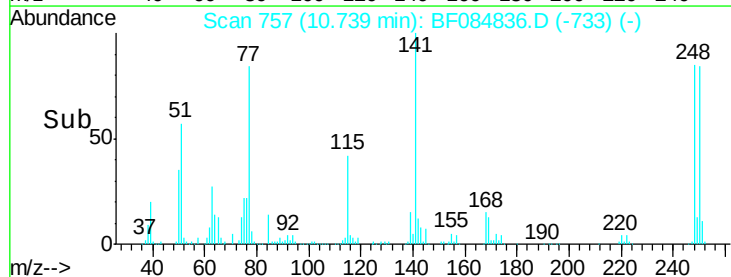
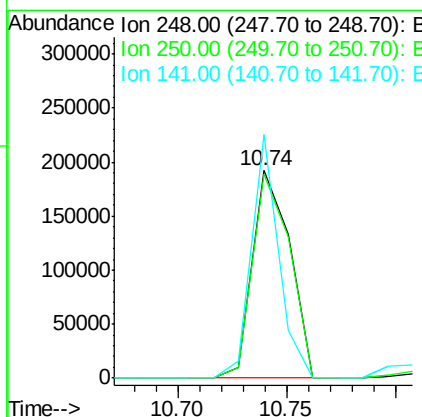
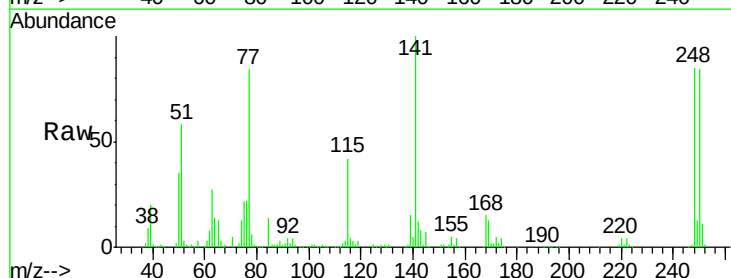
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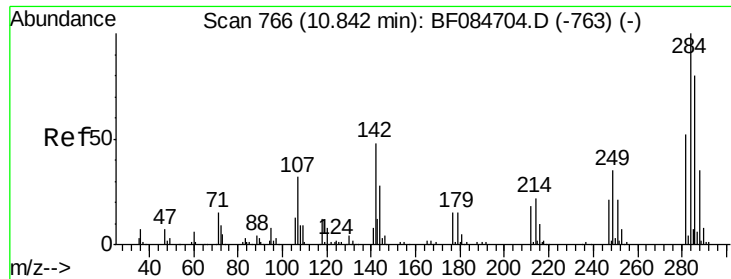
mohammad
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#66
 4-Bromophenyl-phenylether
 Concen: 41.61 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	230285		
250	98.2	78.4	117.6	
141	117.4	44.0	66.0	





#67

Hexachlorobenzene

Concen: 47.08 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

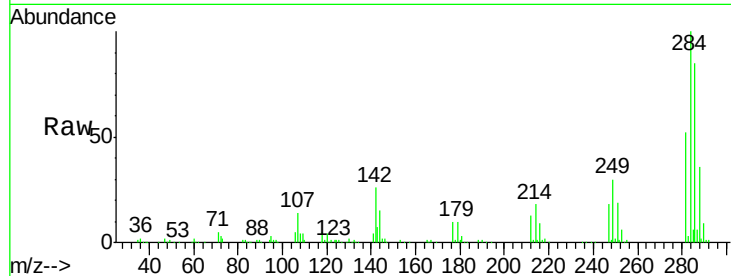
ClientSampleId :

S4-B017(5-7)

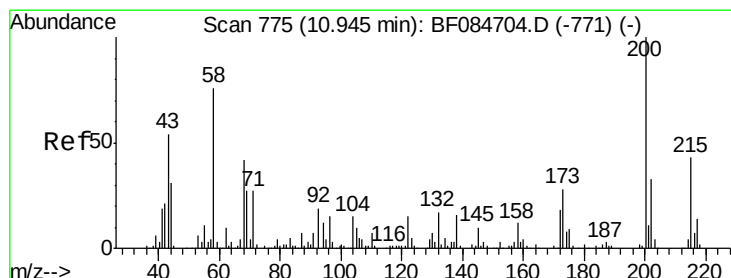
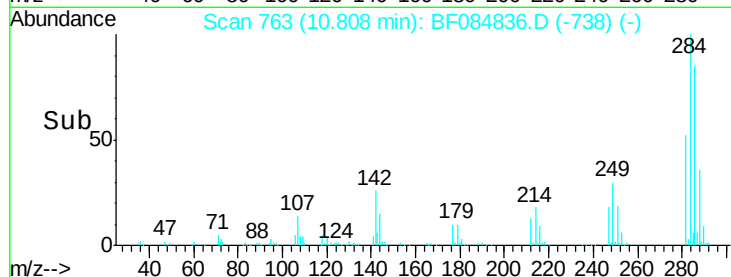
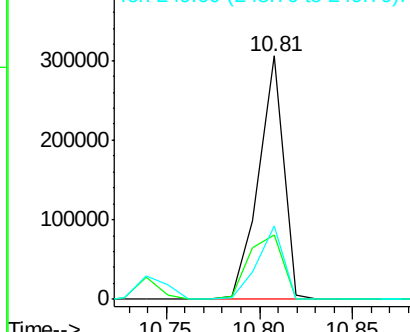
Tot Ion:	284	Resp:	283868
Ion Ratio		Lower	Upper
284	100		
142	26.5	22.2	33.4
249	29.9	24.6	37.0

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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: 44.05 ng

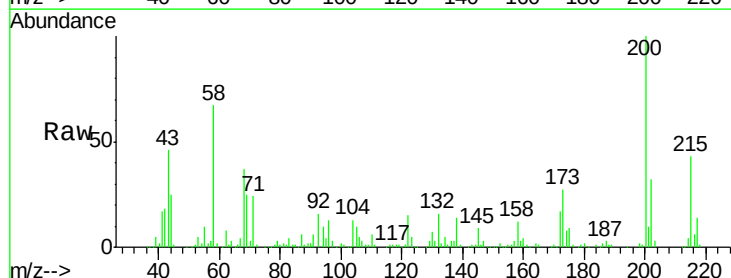
RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

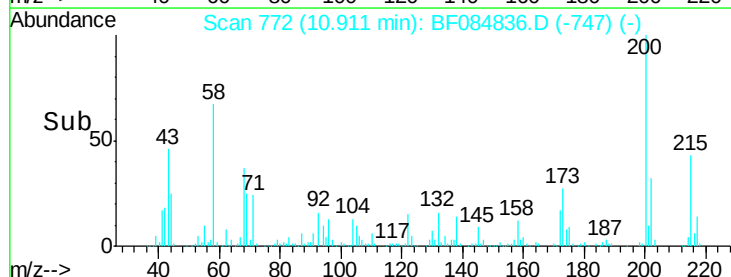
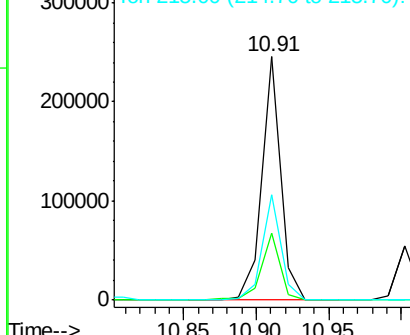
Lab File: BF084836.D

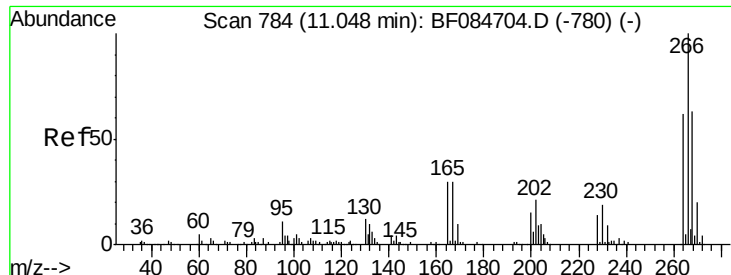
Acq: 4 Feb 2016 18:47

Tgt Ion:	200	Resp:	221313
Ion Ratio		Lower	Upper
200	100		
173	27.4	9.5	49.5
215	43.0	23.8	63.8



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





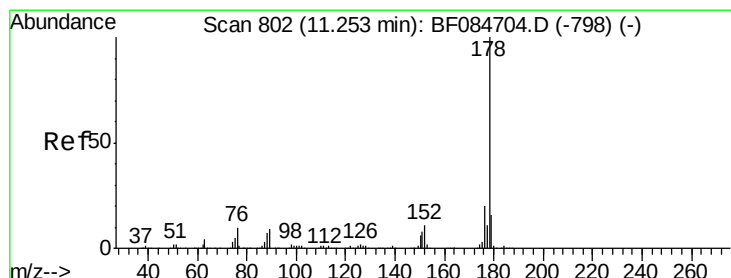
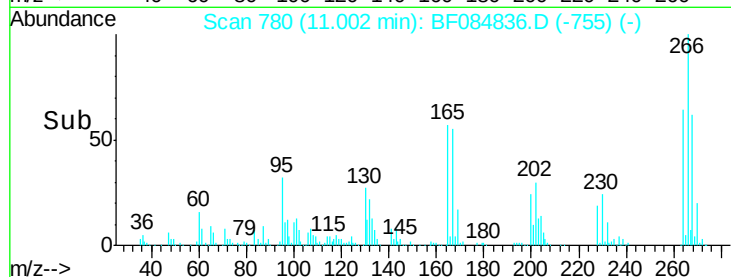
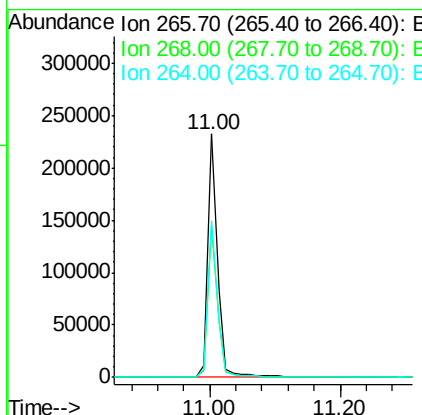
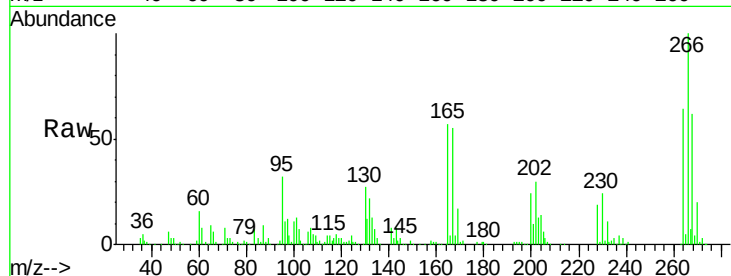
#69
 Pentachlorophenol
 Concen: 86.25 ng
 RT: 11.00 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
266	100	244432		
268	62.2		52.4	78.6
264	64.5		50.2	75.2

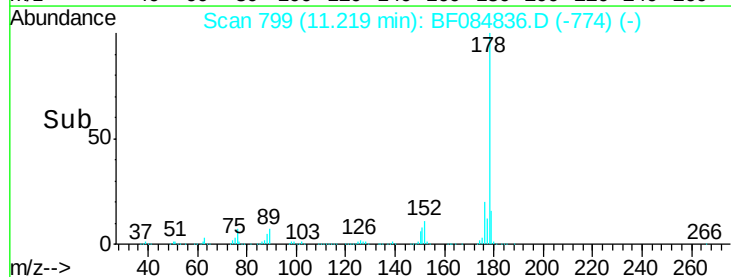
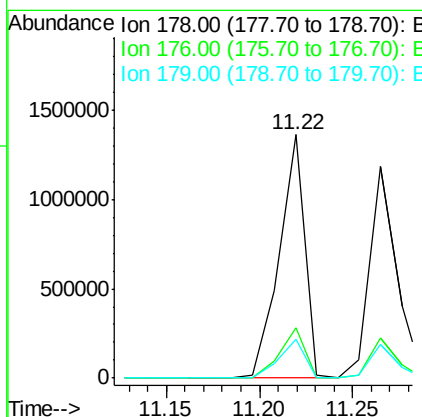
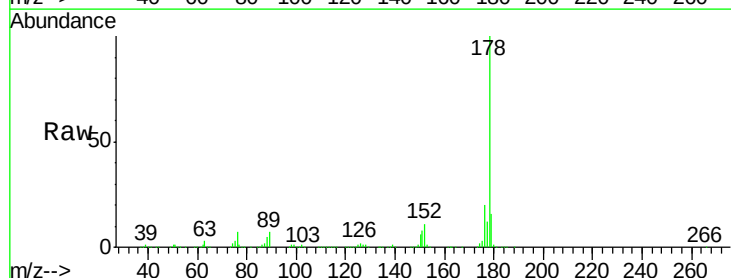
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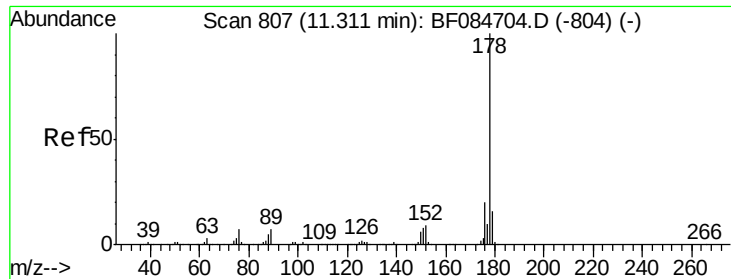
mohammad
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#70
 Phenanthrene
 Concen: 46.77 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1299697		
176	20.5		15.3	22.9
179	15.7		12.0	18.0





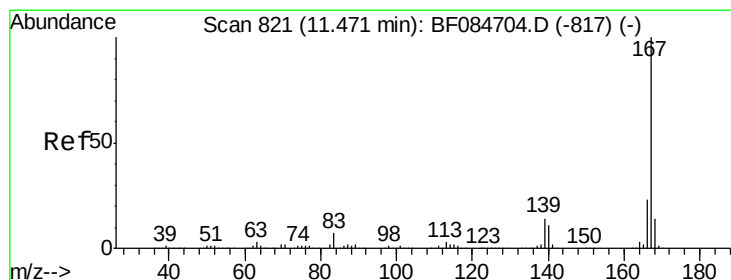
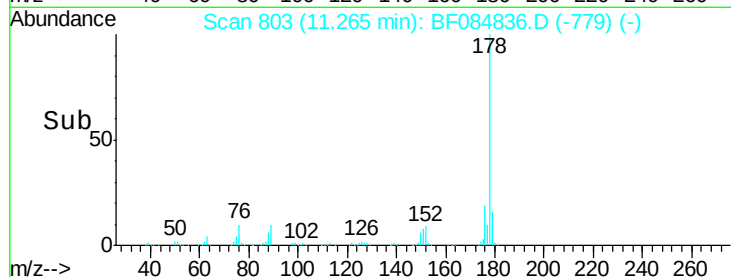
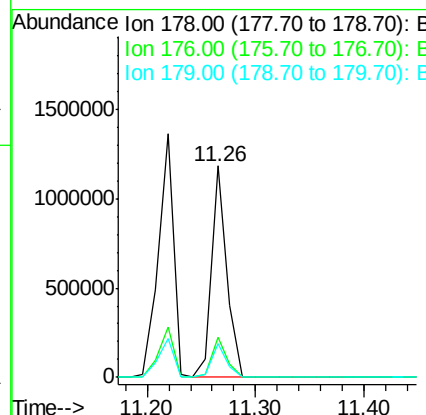
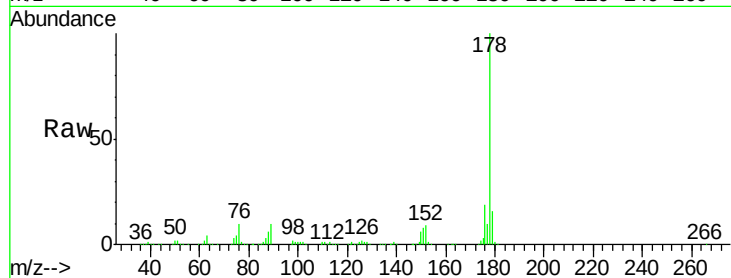
#71
 Anthracene
 Concen: 41.73 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tot Ion:178 Resp: 1168630
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 16.2 12.5 18.7

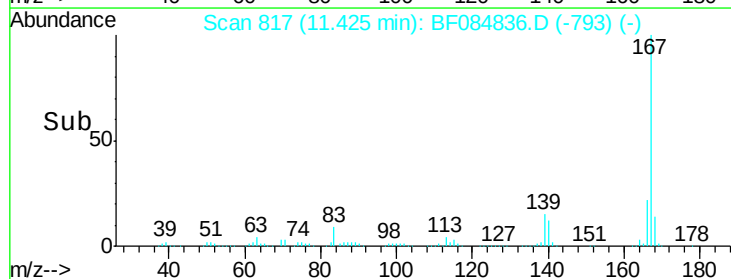
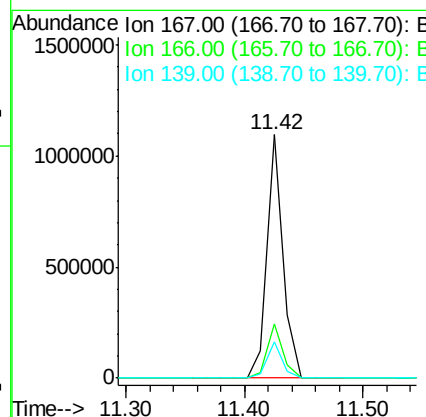
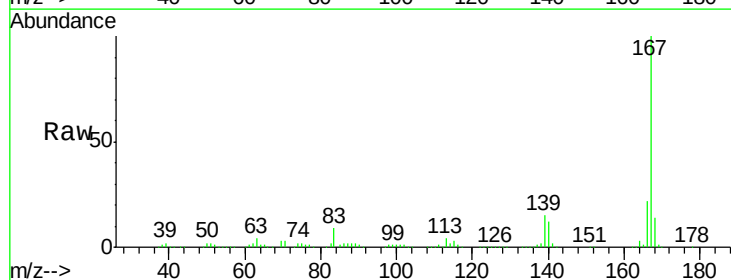
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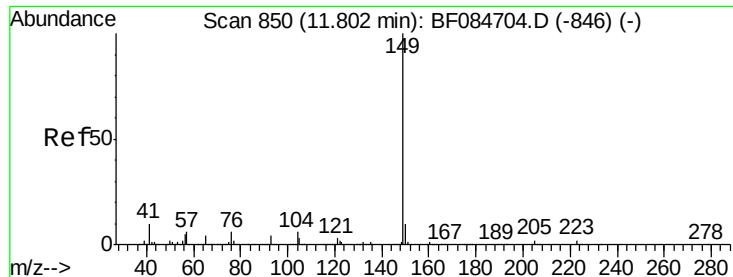
mohammad
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#72
 Carbazole
 Concen: 42.45 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:167 Resp: 1036460
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 42.98 ng

RT: 11.77 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

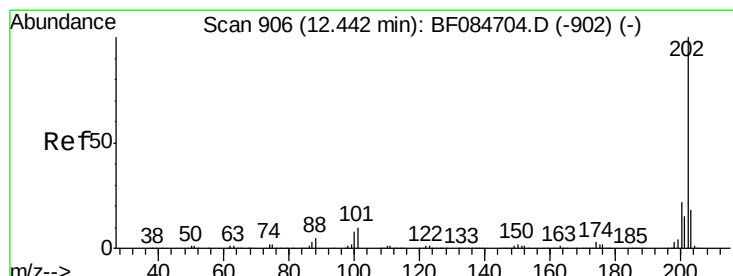
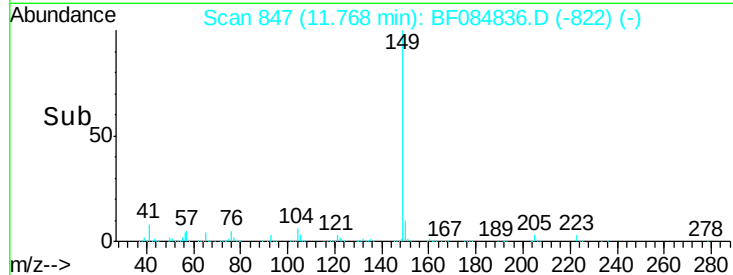
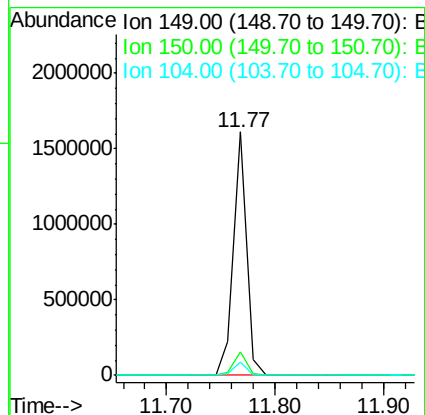
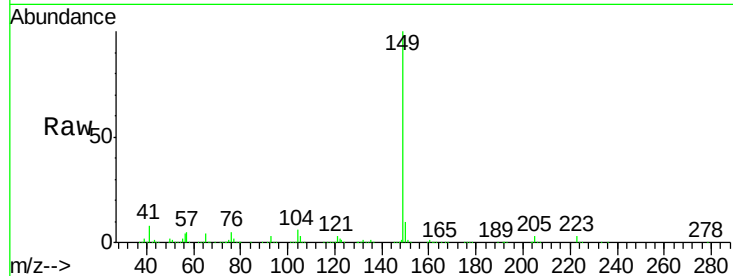
ClientSampleId :

S4-B017(5-7)

Tot Ion:	149	Resp:	1336012
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.1	10.7
104	5.6	3.2	4.8#

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#74

Fluoranthene

Concen: 41.75 ng

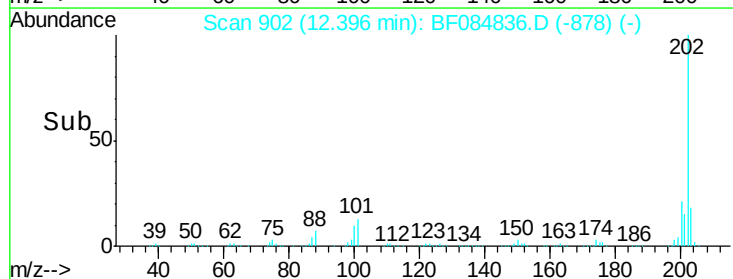
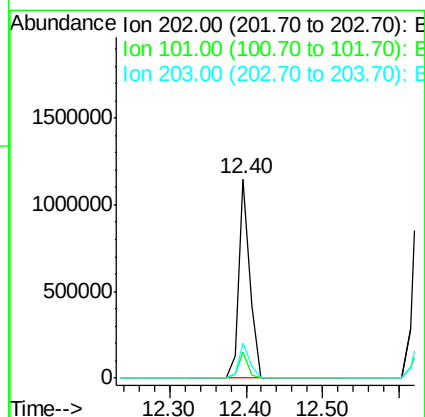
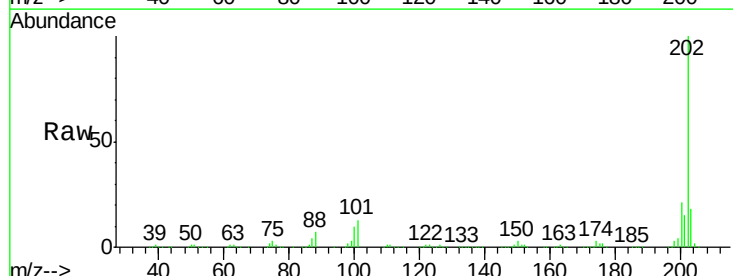
RT: 12.40 min Scan# 902

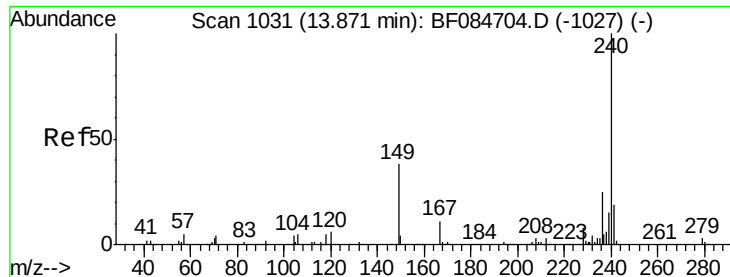
Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	202	Resp:	1174354
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	32.8
203	17.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

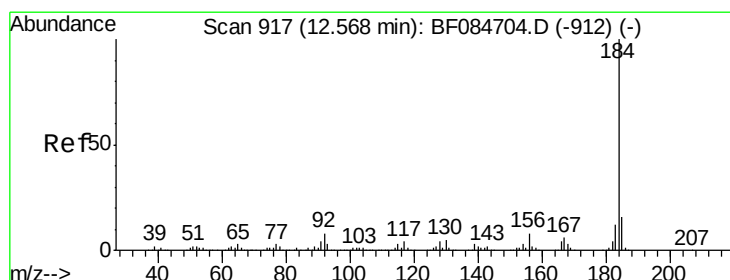
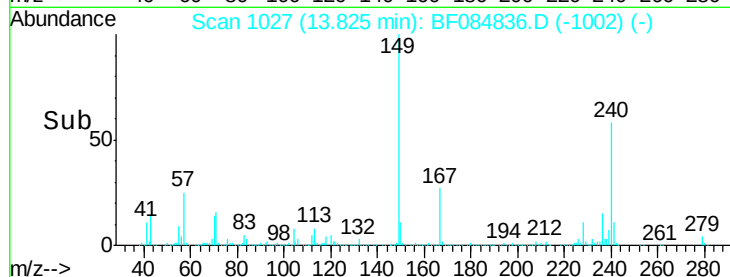
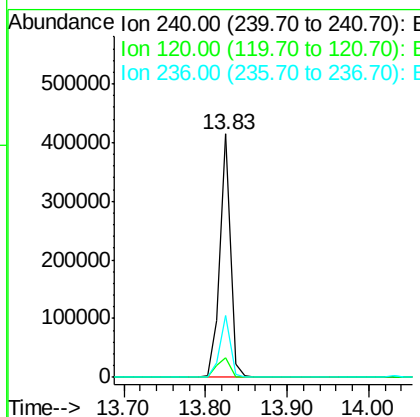
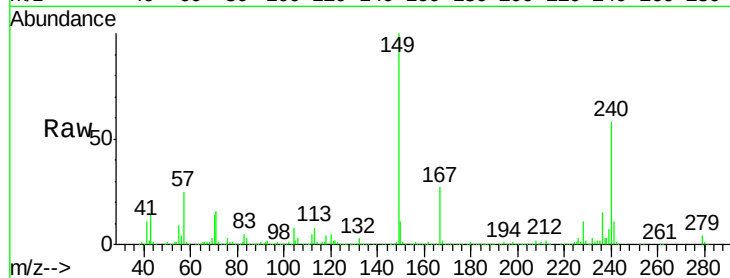
ClientSampleId :

S4-B017(5-7)

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	25.4	20.6	31.0

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#76

Benzidine

Concen: 43.82 ng

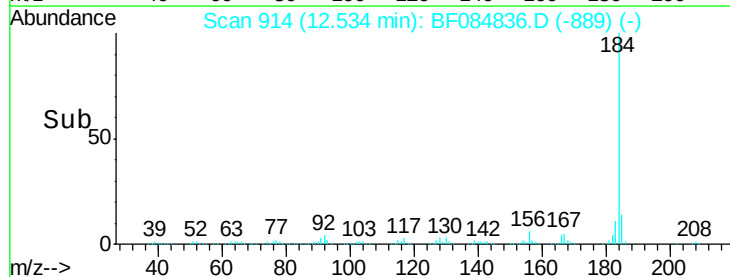
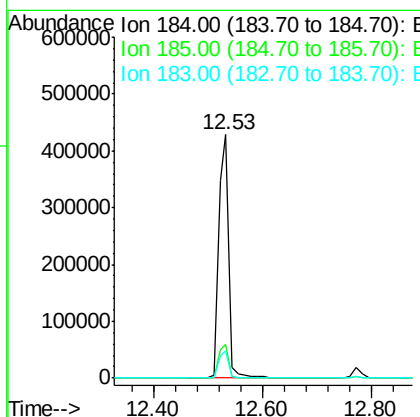
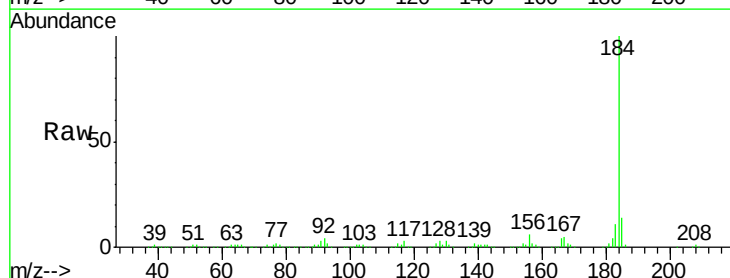
RT: 12.53 min Scan# 914

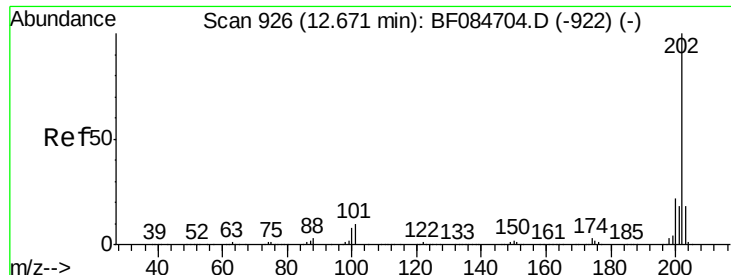
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.2
183	11.0	9.8	14.8





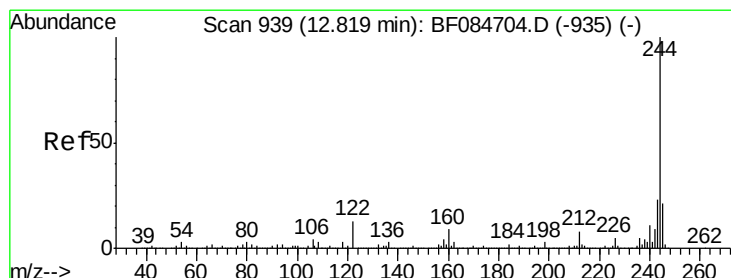
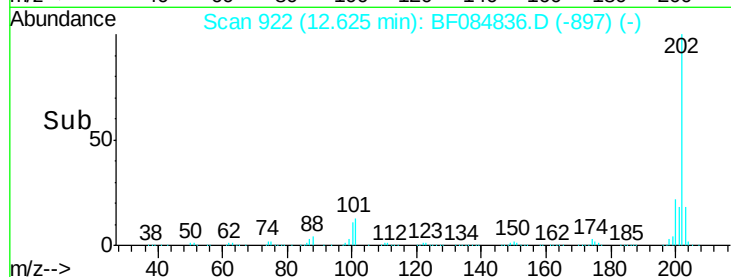
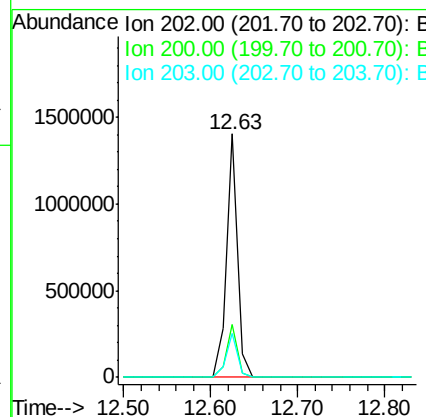
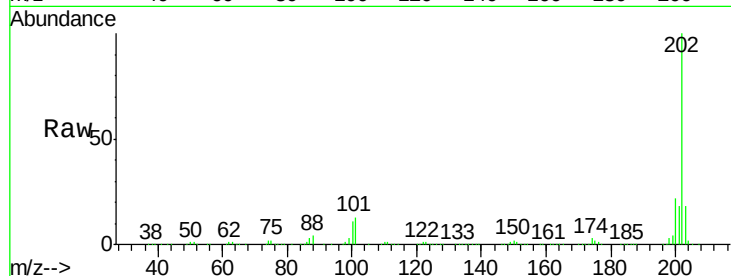
#77
Pvrene
Concen: 43.94 ng
RT: 12.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.1	14.3	21.5

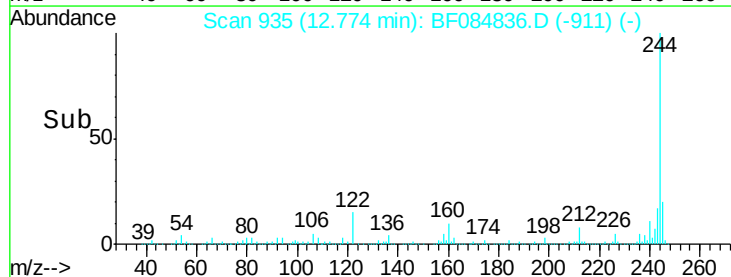
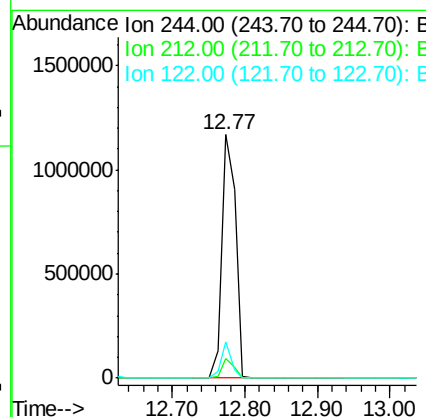
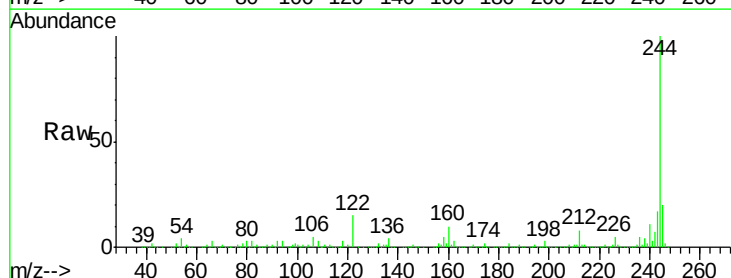
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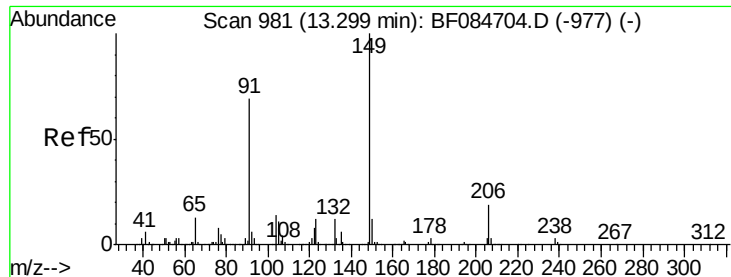
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#78
Terphenyl-d14
Concen: 92.36 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	14.8	7.4	11.0





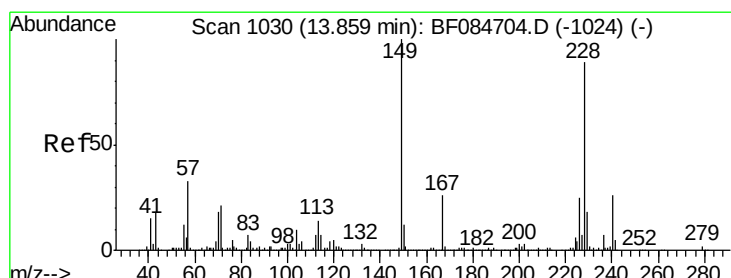
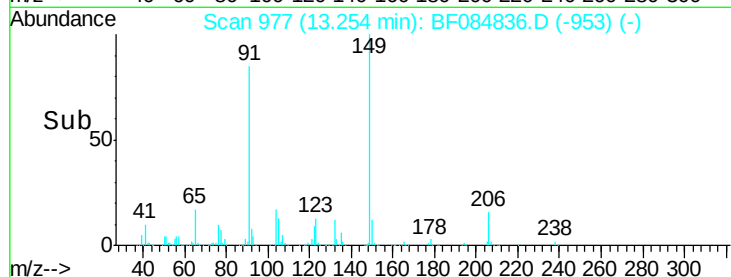
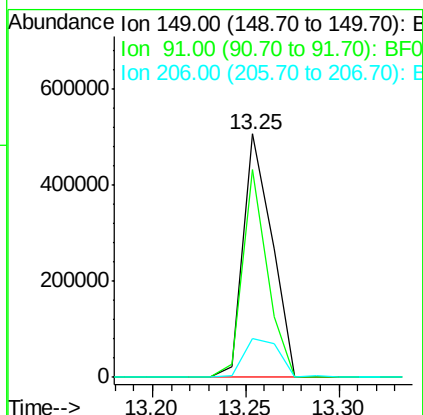
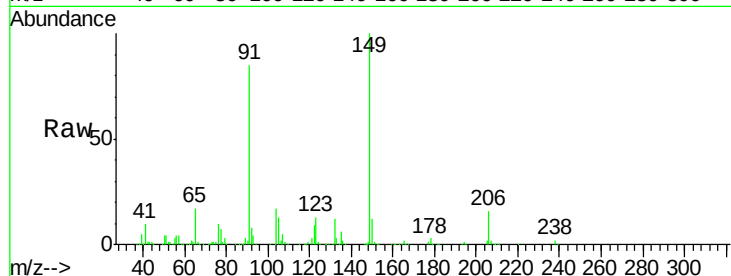
#79
Butylbenzylphthalate
Concen: 42.27 ng
RT: 13.25 min Scan# 977
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tot Ion	Ratio	Resp	Lower	Upper
149	100	549239		
91	85.1	57.6	86.4	
206	16.1	13.2	19.8	

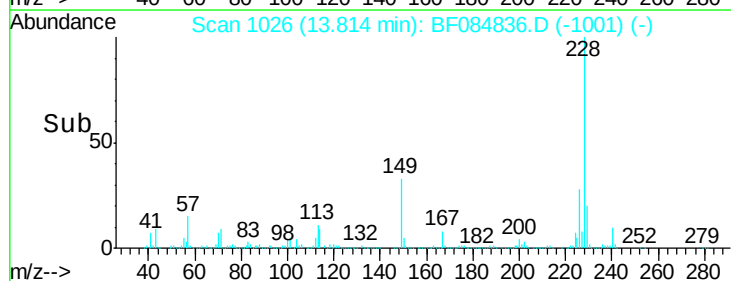
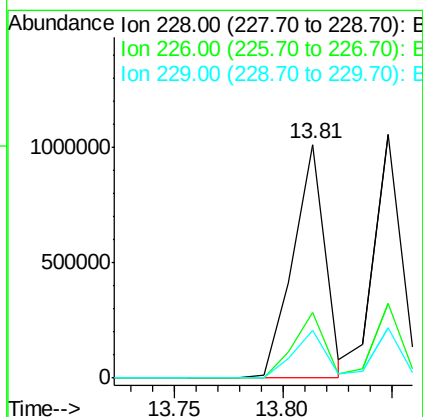
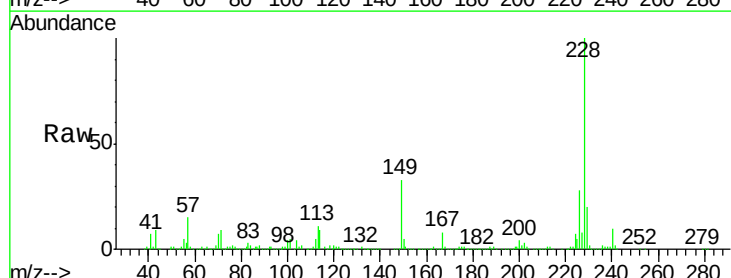
Manual Integrations
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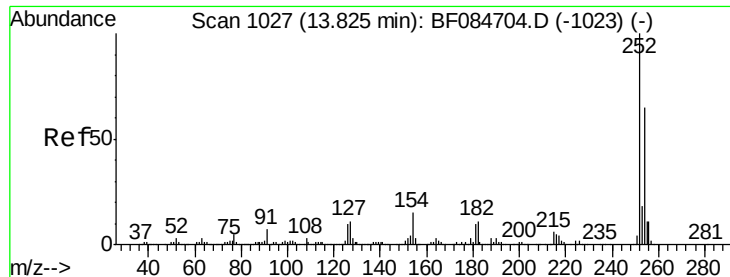
mohammad
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#80
Benzo(a)anthracene
Concen: 44.84 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1041124		
226	28.0	21.8	32.6	
229	20.2	15.8	23.8	





#81

3,3'-Dichlorobenzidine

Concen: 25.60 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

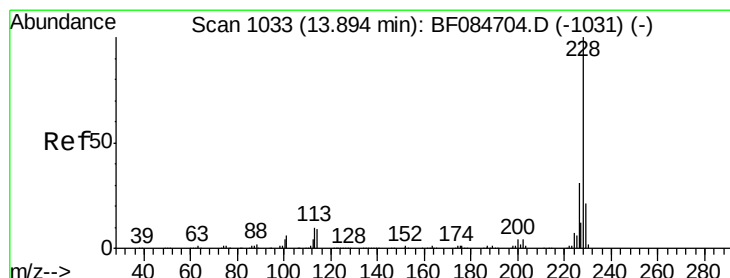
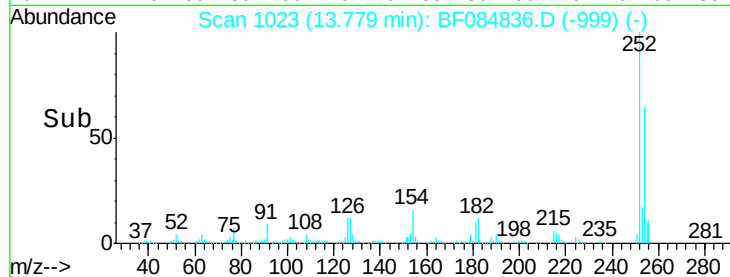
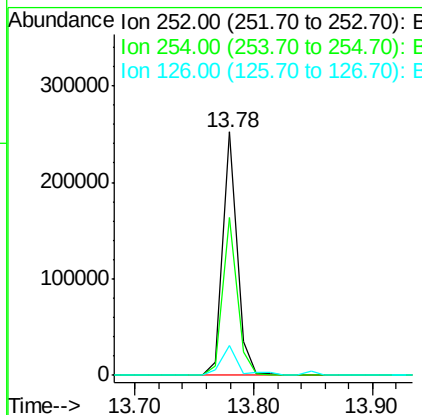
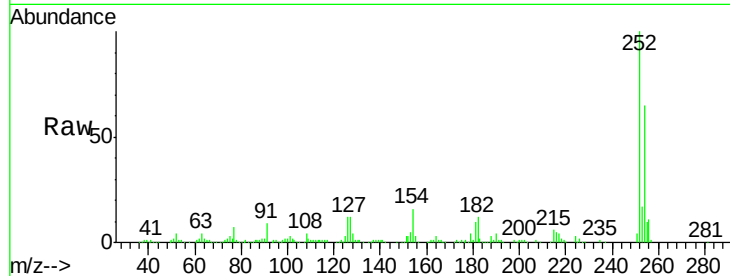
ClientSampleId :

S4-B017(5-7)

Tot Ion:	252	Resp:	210494
Ion Ratio		Lower	Upper
252	100		
254	64.9	53.5	80.3
126	12.1	4.9	7.3#

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#82

Chrysene

Concen: 41.24 ng m

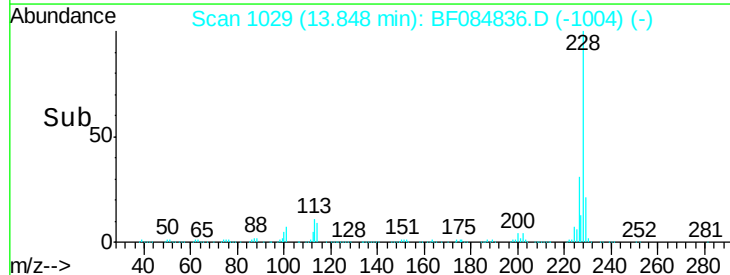
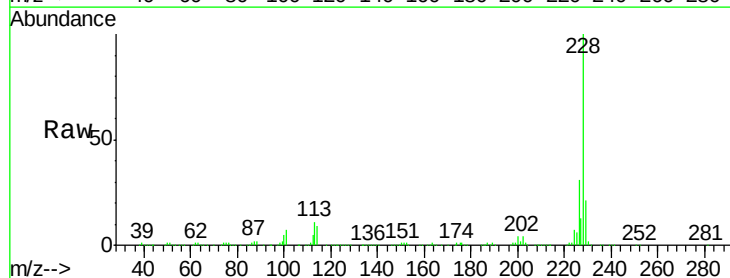
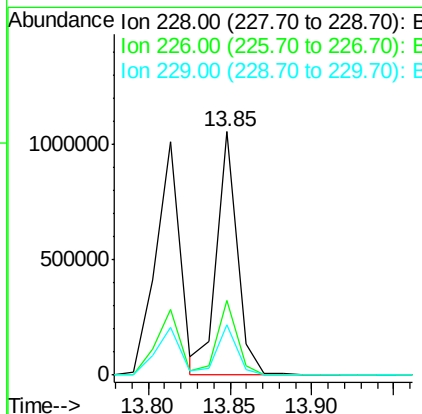
RT: 13.85 min Scan# 1029

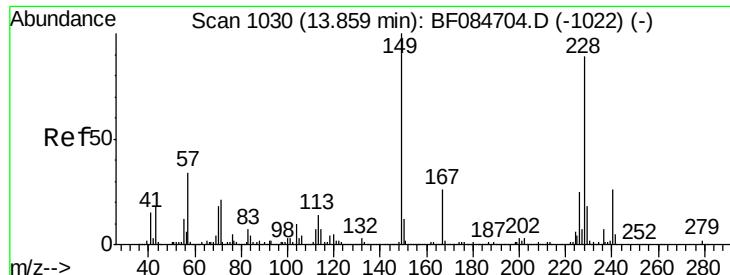
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	228	Resp:	928663
Ion Ratio		Lower	Upper
228	100		
226	30.7	24.3	36.5
229	20.6	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.24 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

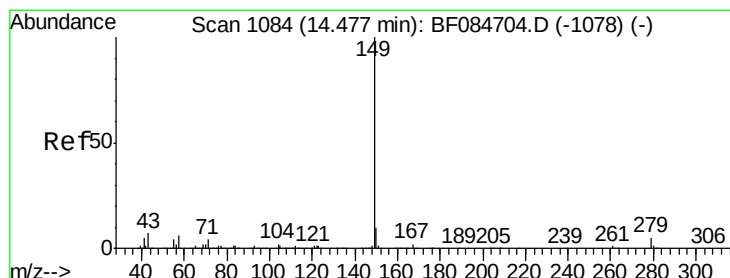
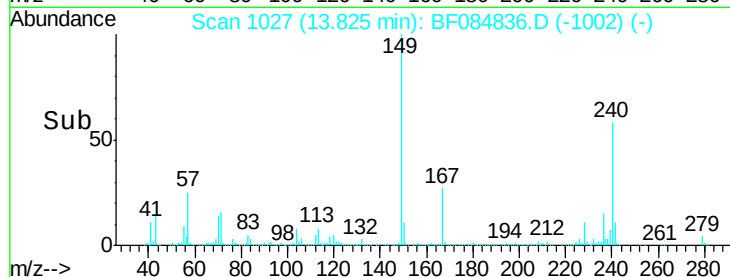
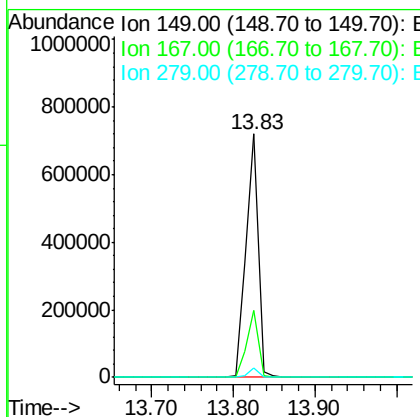
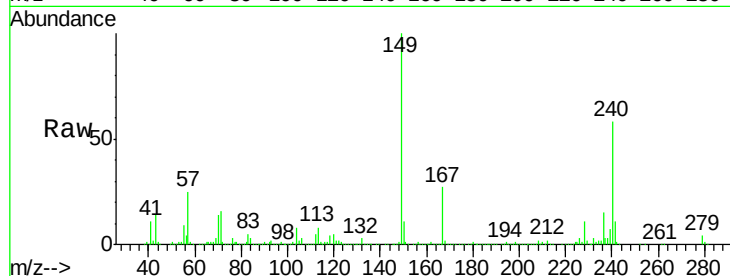
ClientSampleId :

S4-B017(5-7)

Tot Ion:	149	Resp:	747790
Ion Ratio	Lower	Upper	
149	100		
167	27.5	19.7	29.5
279	3.7	1.8	2.6#

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#84

Di-n-octyl phthalate

Concen: 43.41 ng

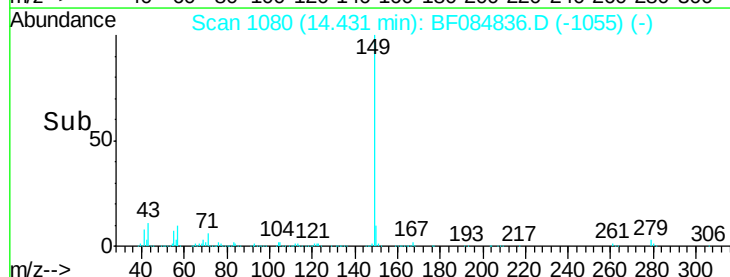
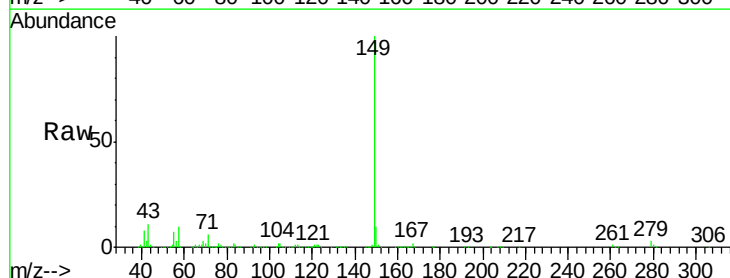
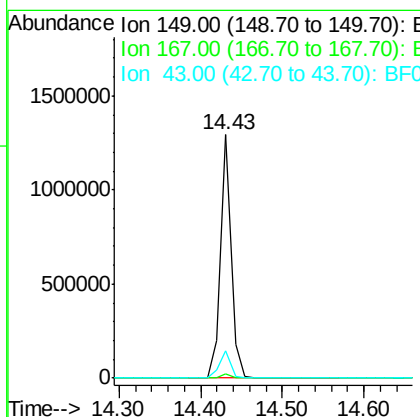
RT: 14.43 min Scan# 1080

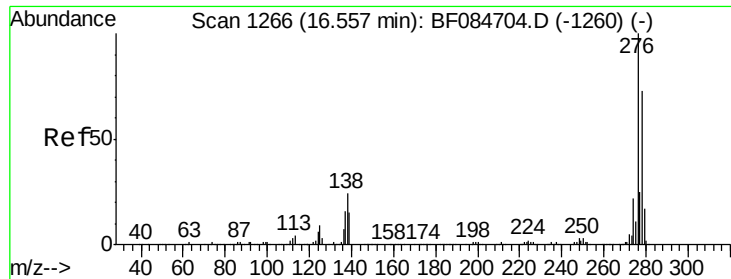
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	149	Resp:	1158093
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.5	5.6	8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.50 ng

RT: 16.48 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

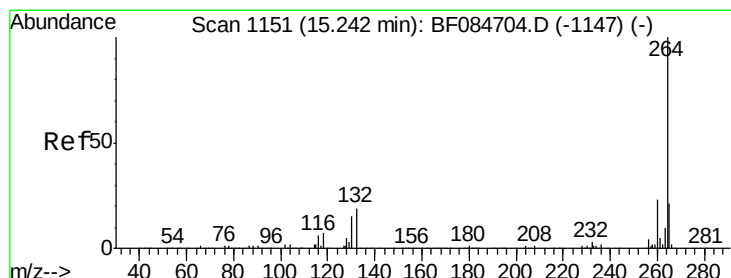
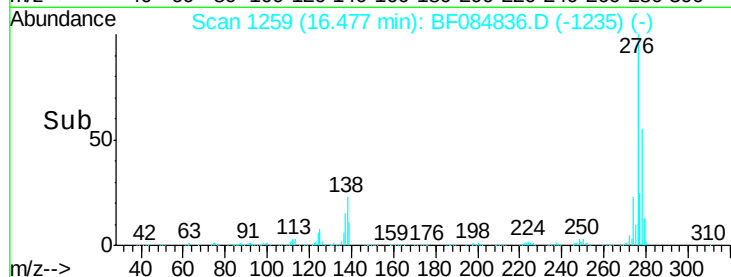
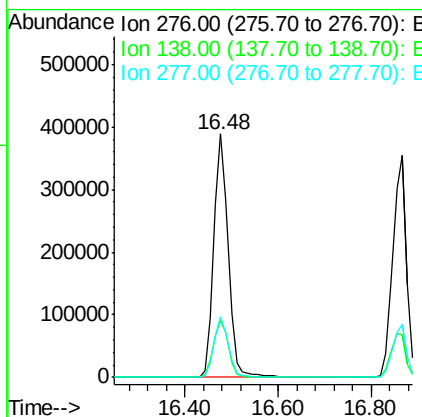
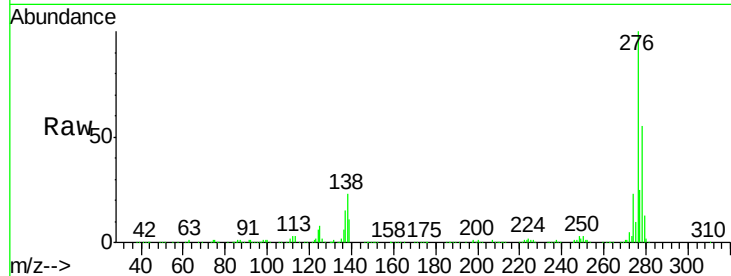
ClientSampleId :

S4-B017(5-7)

Tot Ion:	276	Resp:	841898
Ion Ratio		Lower	Upper
276	100		
138	24.3	20.6	30.8
277	25.0	20.1	30.1

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#86

Perylene-d12

Concen: 20.00 ng

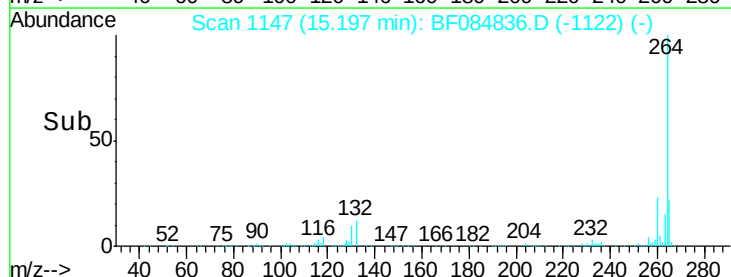
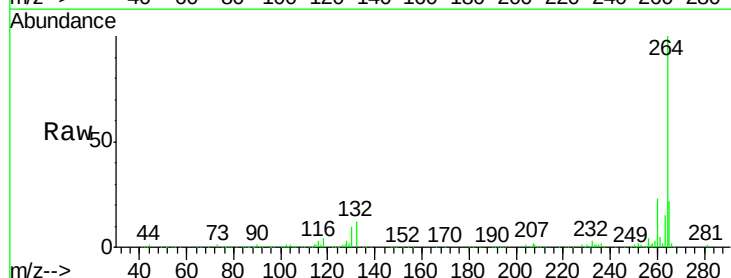
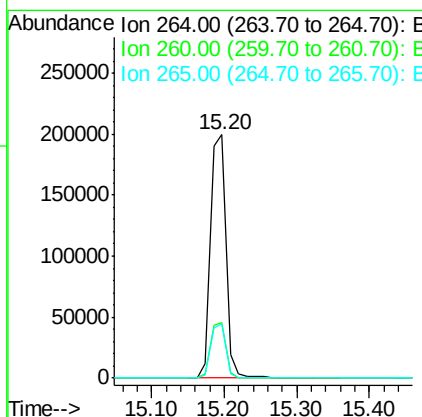
RT: 15.20 min Scan# 1147

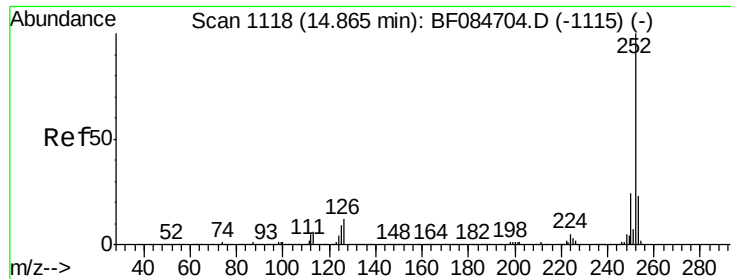
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	264	Resp:	296291
Ion Ratio		Lower	Upper
264	100		
260	22.7	19.4	29.2
265	22.1	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 45.94 ng m

RT: 14.82 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

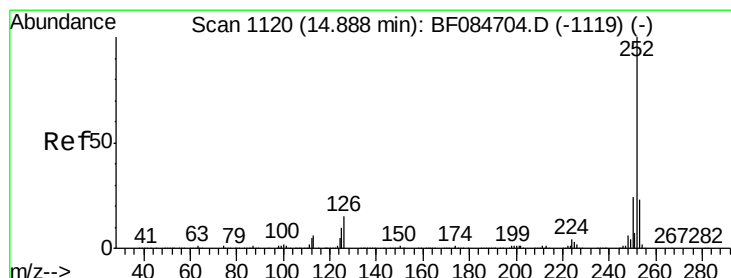
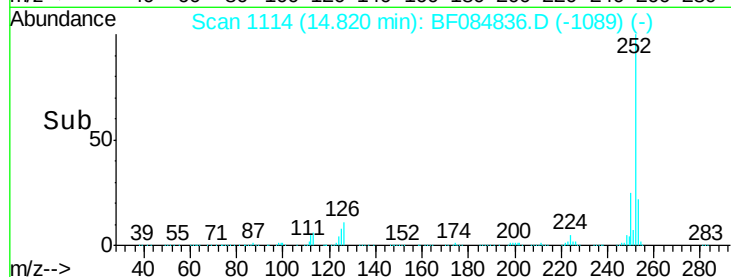
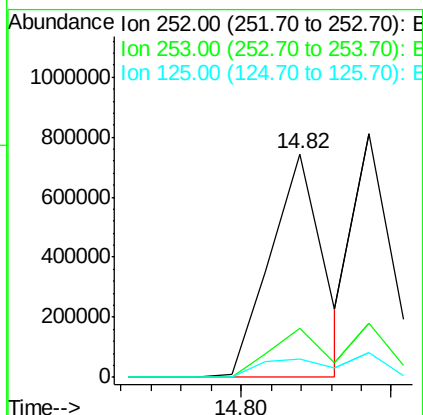
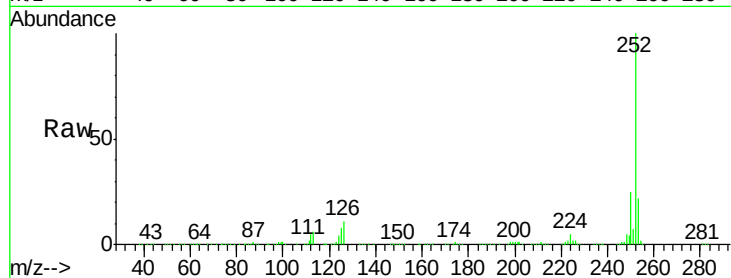
ClientSampleId :

S4-B017(5-7)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	8.1	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 43.75 ng m

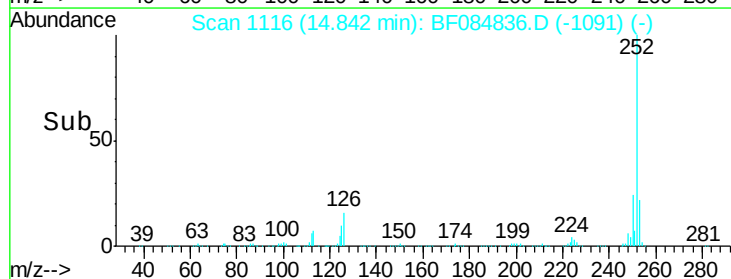
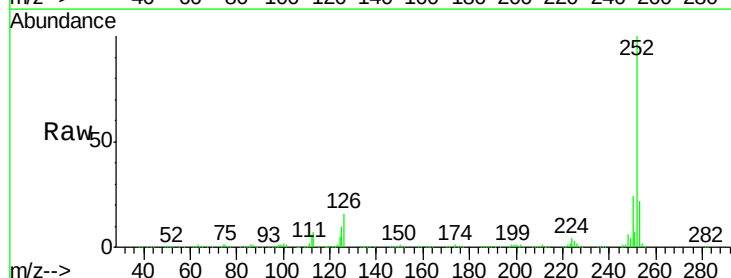
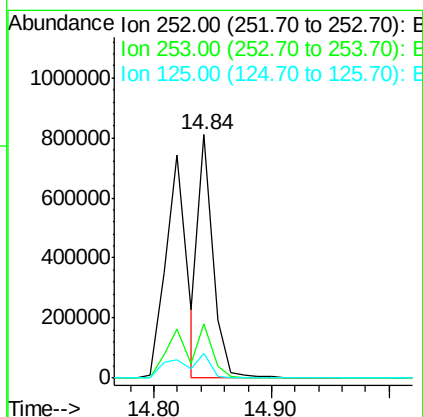
RT: 14.84 min Scan# 1116

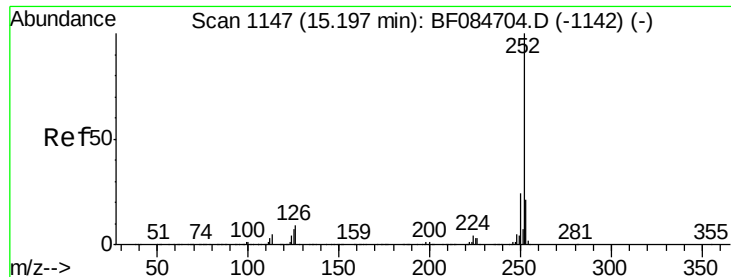
Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.3	9.0	13.6





#89

Benzo(a)pyrene

Concen: 45.87 ng

RT: 15.14 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

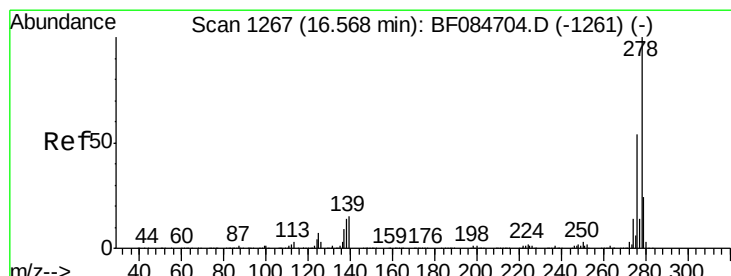
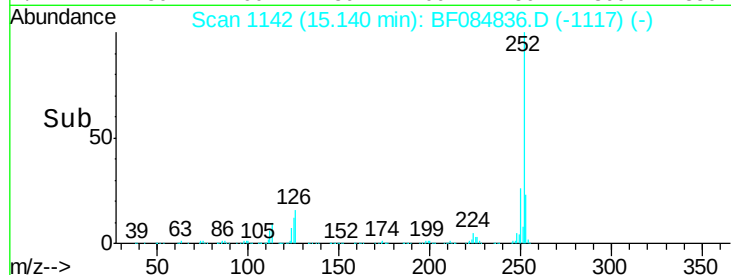
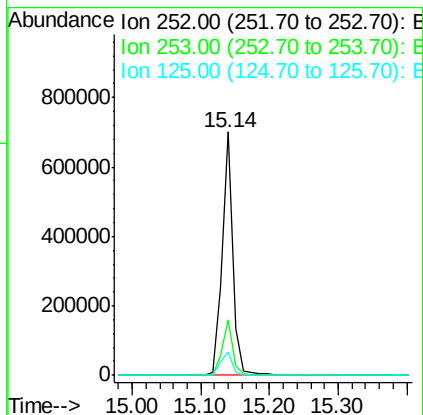
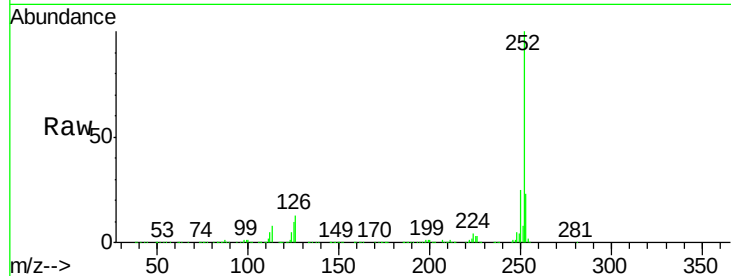
ClientSampleId :

S4-B017(5-7)

Tot Ion:	252	Resp:	778117
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.3	25.9
125	9.9	7.0	10.4

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#90

Dibenzo(a,h)anthracene

Concen: 48.98 ng

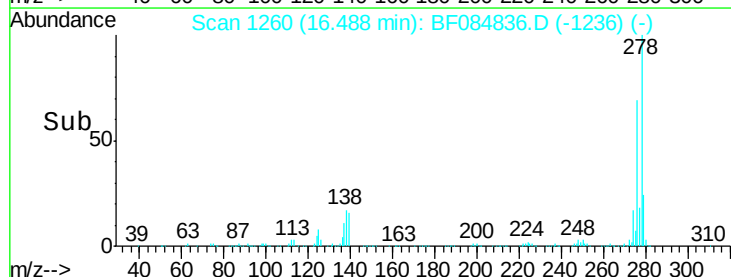
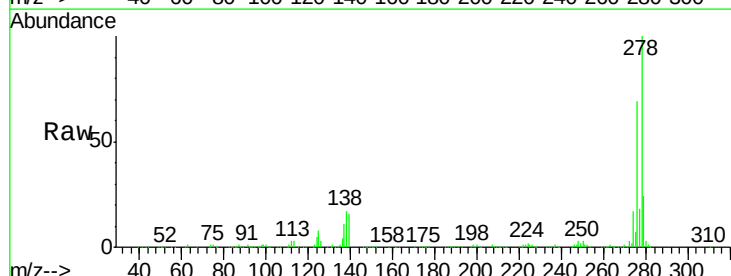
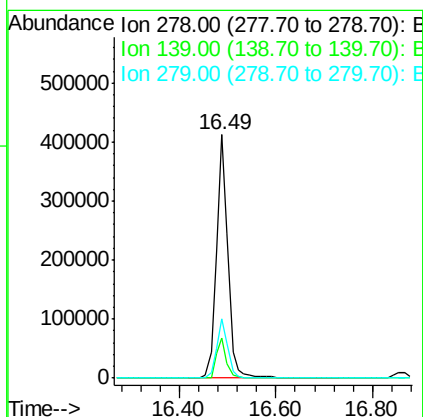
RT: 16.49 min Scan# 1260

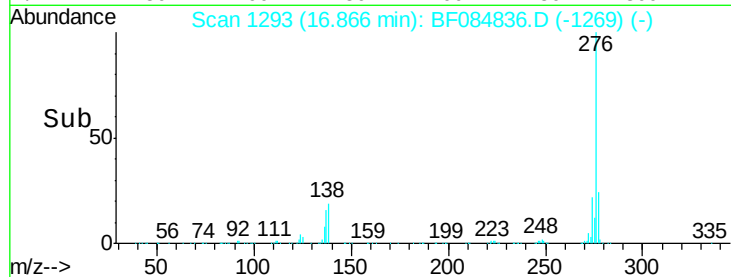
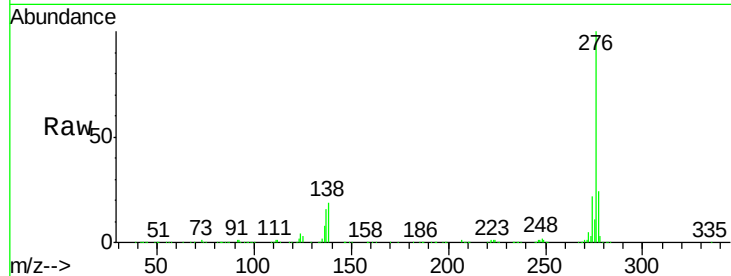
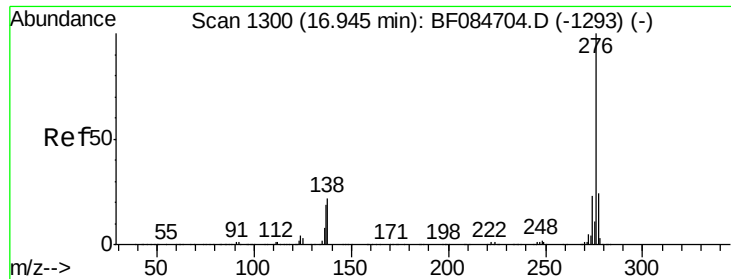
Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	278	Resp:	699393
Ion Ratio	Lower	Upper	
278	100		
139	16.3	15.0	22.4
279	24.5	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 50.34 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

Tot Ion:	276	Resp:	724075
Ion Ratio		Lower	Upper
276	100		
277	23.8	18.8	28.2
138	19.2	17.8	26.6

Manual Integrations
APPROVED

mohammad
2/5/2016 1:48:44 PM

