

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084288.D
 Acq On : 6 Jan 2016 14:27
 Operator : SJ/UM
 Sample : PB87652BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87652BS

Manual Integrations
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 1/7/2016 12:03:58 PM

Quant Time: Jan 07 01:06:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	248002	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1037525	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	473816	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	869719	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	778736	20.00	ng	-0.03
86) Perylene-d12	15.46	264	658089	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1737215	113.30	ng	-0.01
7) Phenol-d6	6.51	99	2474788	128.52	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1435176	76.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	635359	132.82	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2408509	89.78	ng	-0.03
78) Terphenyl-d14	12.98	244	2255922	64.66	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	242291	33.36	ng	# 75
3) Pyridine	3.25	79	774881	38.26	ng	# 69
4) n-Nitrosodimethylamine	3.21	42	402445	38.72	ng	# 76
6) Aniline	6.53	93	560596	19.90	ng	# 57
8) 2-Chlorophenol	6.66	128	767304	44.11	ng	97
9) Benzaldehyde	6.41	77	231583	18.47	ng	91
10) Phenol	6.53	94	857912	39.18	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	714675	42.14	ng	96
12) 1,3-Dichlorobenzene	6.81	146	718085m	40.02	ng	
13) 1,4-Dichlorobenzene	6.89	146	764350	42.48	ng	94
14) 1,2-Dichlorobenzene	7.04	146	630531	36.59	ng	95
15) Benzyl Alcohol	7.01	79	601545	37.13	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1130729	36.61	ng	84
17) 2-Methylphenol	7.14	107	617809	42.37	ng	95
18) Hexachloroethane	7.38	117	280538	38.99	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	480819	36.89	ng	# 71
20) 3+4-Methylphenols	7.29	107	682948	39.85	ng	# 70
22) Acetophenone	7.28	105	993425	39.82	ng	94
24) Nitrobenzene	7.46	77	834824	44.15	ng	92
25) Isophorone	7.70	82	1434438	40.23	ng	97
26) 2-Nitrophenol	7.77	139	353116	41.04	ng	# 77
27) 2,4-Dimethylphenol	7.81	122	649918	37.31	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	844098	38.76	ng	99
29) 2,4-Dichlorophenol	8.02	162	636813	43.89	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	646358	43.15	ng	96
31) Naphthalene	8.18	128	1998806	42.46	ng	99
32) Benzoic acid	7.93	122	332588	32.07	ng	92
33) 4-Chloroaniline	8.22	127	199756	9.26	ng	97
34) Hexachlorobutadiene	8.29	225	339240	39.40	ng	98
35) Caprolactam	8.60	113	204510m	41.81	ng	
36) 4-Chloro-3-methylphenol	8.72	107	656398	40.39	ng	95
37) 2-Methylnaphthalene	8.86	142	1309711	38.76	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	571475	41.95	ng	98
40) Hexachlorocyclopentadiene	9.02	237	728658	88.61	ng	98

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Quant Time: Jan 07 01:06:34 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	443388	43.51	nq	93
43) 2,4,5-Trichlorophenol	9.20	196	427370	43.75	nq	97
45) 1,1'-Biphenyl	9.33	154	1594769	42.35	nq	100
46) 2-Chloronaphthalene	9.36	162	1183975	40.03	nq	96
47) 2-Nitroaniline	9.46	65	445272	45.61	nq	# 68
48) Acenaphthylene	9.77	152	1902888	43.54	nq	98
49) Dimethylphthalate	9.64	163	1559432	46.04	nq	# 91
50) 2,6-Dinitrotoluene	9.70	165	349223	47.01	nq	# 71
51) Acenaphthene	9.94	154	1369740	46.73	nq	98
52) 3-Nitroaniline	9.86	138	166460	18.08	nq	95
53) 2,4-Dinitrophenol	9.97	184	296000	92.93	nq	# 83
54) Dibenzofuran	10.12	168	1694532	44.61	nq	97
55) 4-Nitrophenol	10.04	139	581004	86.95	nq	# 82
56) 2,4-Dinitrotoluene	10.10	165	401095	42.66	nq	# 87
57) Fluorene	10.45	166	1219571	41.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	361308	43.32	nq	92
59) Diethylphthalate	10.34	149	1438659	43.08	nq	97
60) 4-Chlorophenyl-phenylether	10.45	204	632340	52.34	nq	96
61) 4-Nitroaniline	10.49	138	373471	45.51	nq	# 81
62) Azobenzene	10.61	77	1627055	44.42	nq	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	212781	40.05	nq	70
65) n-Nitrosodiphenylamine	10.57	169	1123405	40.40	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	412872	44.11	nq	97
67) Hexachlorobenzene	11.00	284	414285	39.32	nq	# 87
68) Atrazine	11.10	200	436881	48.01	nq	95
69) Pentachlorophenol	11.20	266	390454	71.47	nq	96
70) Phenanthrene	11.41	178	1942067	42.69	nq	97
71) Anthracene	11.47	178	2041522	45.78	nq	97
72) Carbazole	11.63	167	1935255	44.39	nq	97
73) Di-n-butylphthalate	11.96	149	2260640	50.23	nq	# 97
74) Fluoranthene	12.60	202	1873818	39.43	nq	98
76) Benzidine	12.73	184	760765	27.25	nq	98
77) Pyrene	12.83	202	1938419	31.72	nq	97
79) Butylbenzylphthalate	13.46	149	1009627	38.18	nq	# 91
80) Benzo(a)anthracene	14.02	228	1643060	35.93	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	291863	18.29	nq	# 97
82) Chrysene	14.05	228	1562701	35.57	nq	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	1246956	37.32	nq	# 95
84) Di-n-octyl phthalate	14.63	149	2097394	37.19	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.85	276	1497589	43.00	nq	100
87) Benzo(b)fluoranthene	15.05	252	1689365	39.24	nq	# 97
88) Benzo(k)fluoranthene	15.08	252	1638743m	46.55	nq	
89) Benzo(a)pyrene	15.40	252	1580343	43.28	nq	99
90) Dibenzo(a,h)anthracene	16.88	278	1233143	39.25	nq	97
91) Benzo(g,h,i)perylene	17.28	276	1227803	37.73	nq	97

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

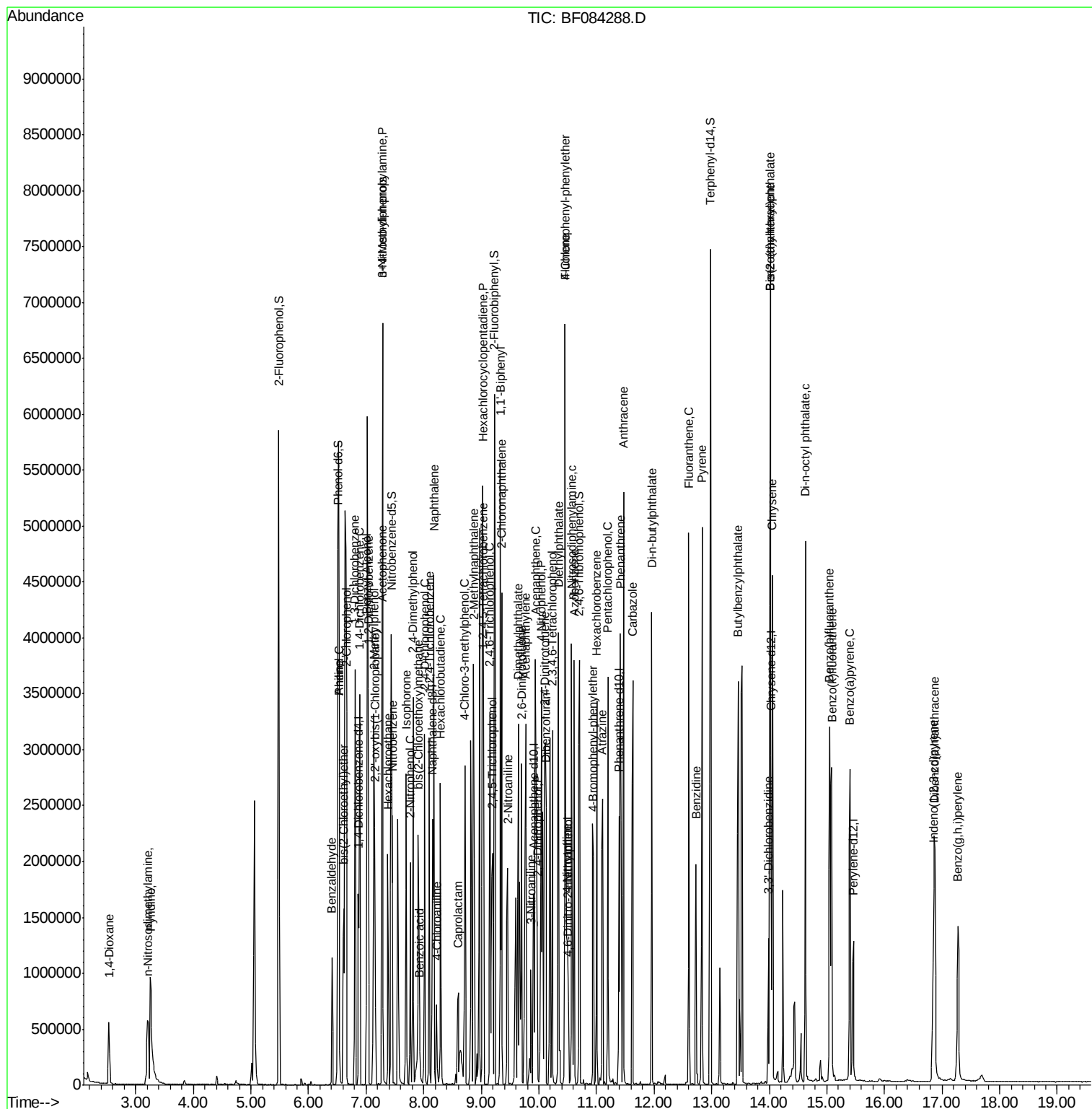
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Operator  : SJ/UM  
Sample    : PB87652BS  
Misc      :  
ALS Vial  : 10 Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion:152 Resp: 248002

Ion Ratio Lower Upper

152 100

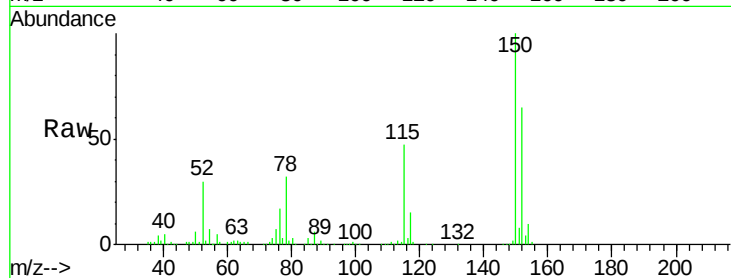
150 154.0 123.0 184.4

115 72.0 51.4 77.2

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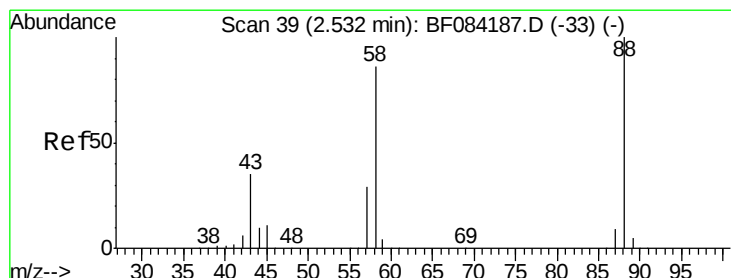
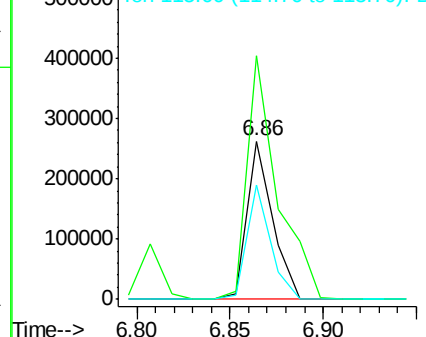
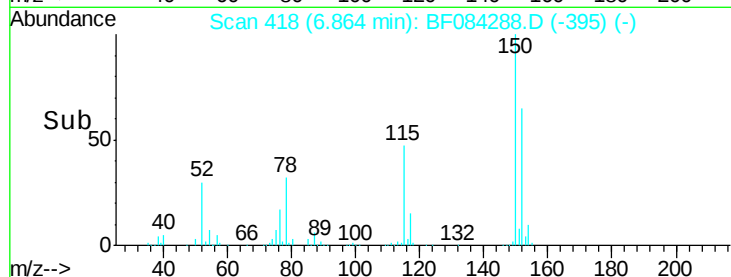
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.36 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.00 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

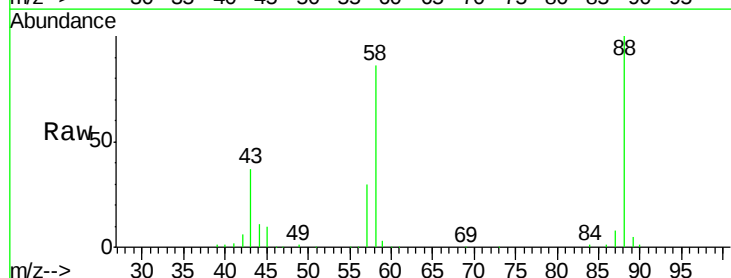
Tgt Ion: 88 Resp: 242291

Ion Ratio Lower Upper

88 100

58 84.8 51.2 76.8#

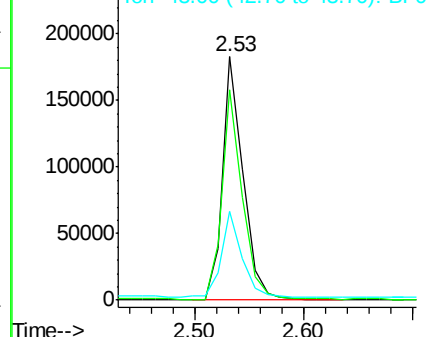
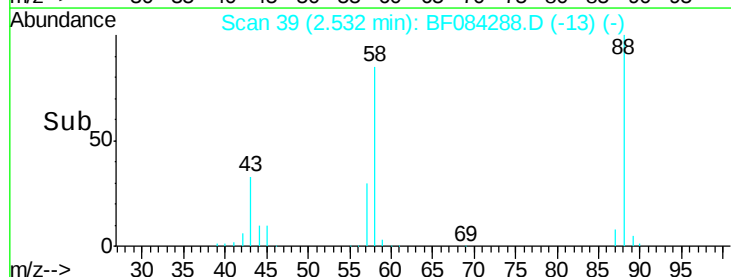
43 35.0 19.5 29.3#

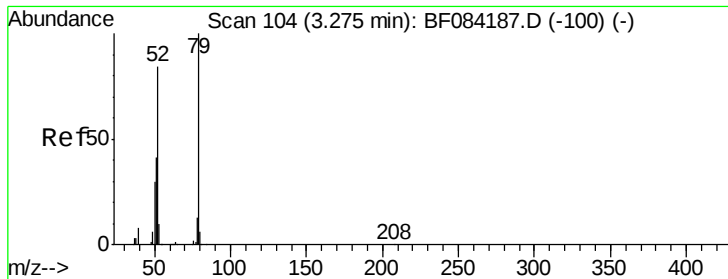


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.26 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.02 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

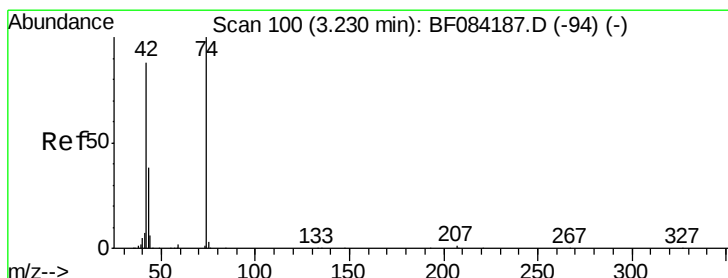
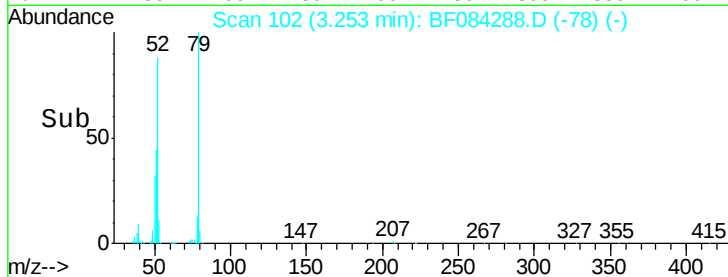
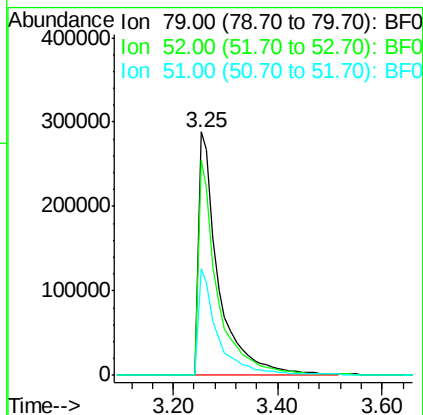
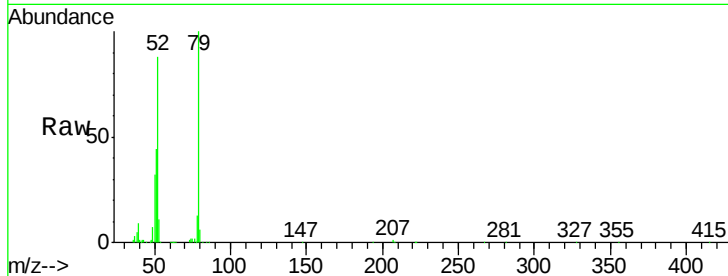
ClientSampleId :

PB87652BS

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Tot Ion	Ratio	Lower	Upper
79	100		
52	88.4	49.0	73.4#
51	43.7	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 38.72 ng

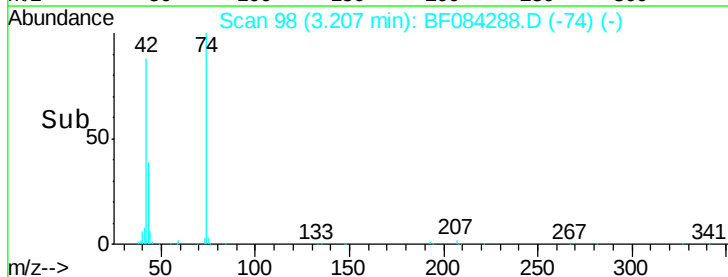
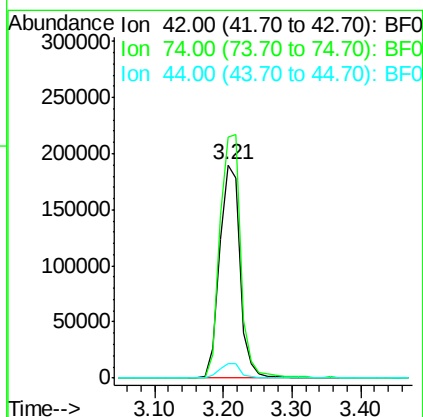
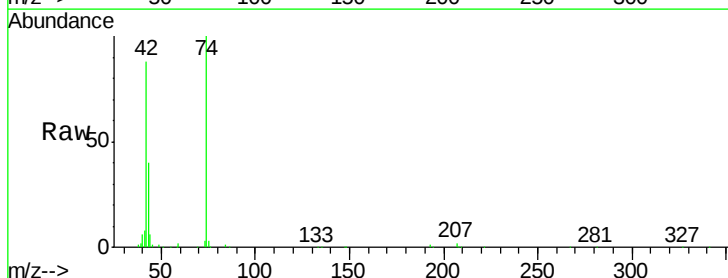
RT: 3.21 min Scan# 98

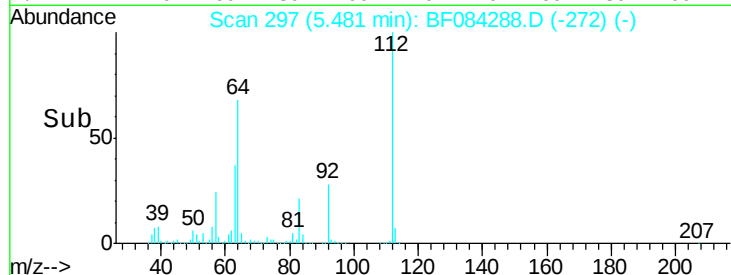
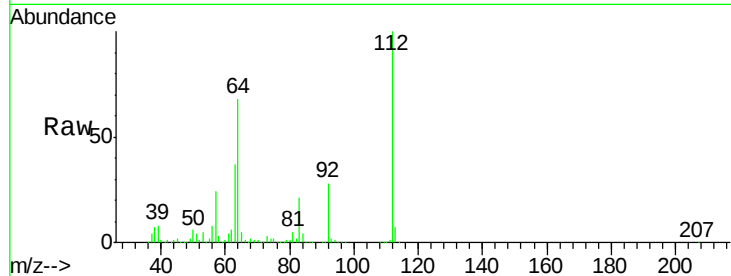
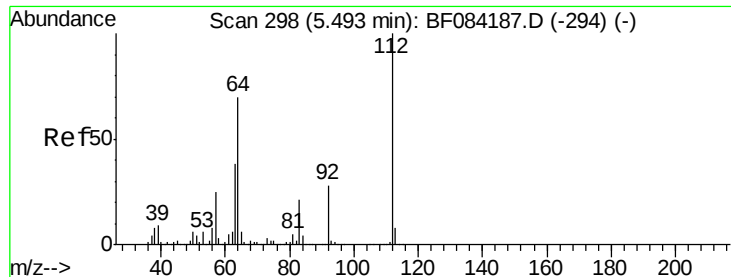
Delta R.T. -0.02 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.1	115.7	173.5#
44	6.7	5.1	7.7





#5

2-Fluorophenol

Concen: 113.30 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion: 112 Resp: 1737215

Ion Ratio Lower Upper

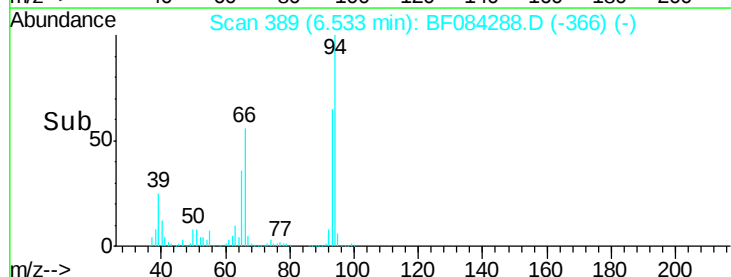
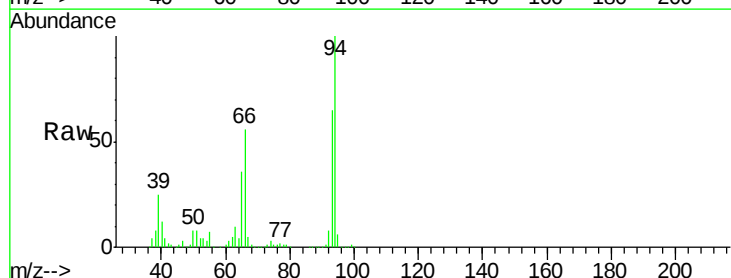
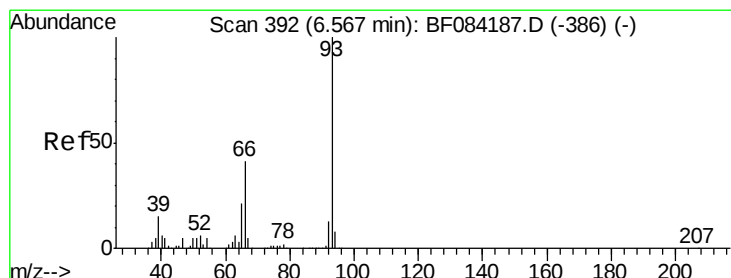
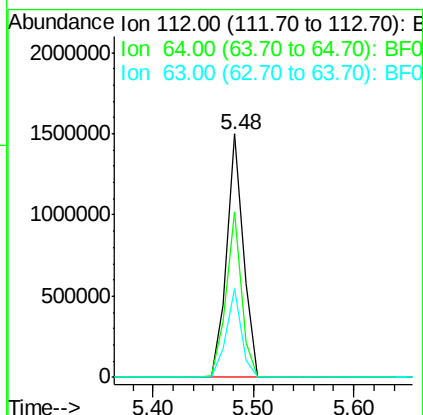
112 100

64 68.0 36.6 55.0#

63 36.7 19.4 29.0#

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#6

Aniline

Concen: 19.90 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

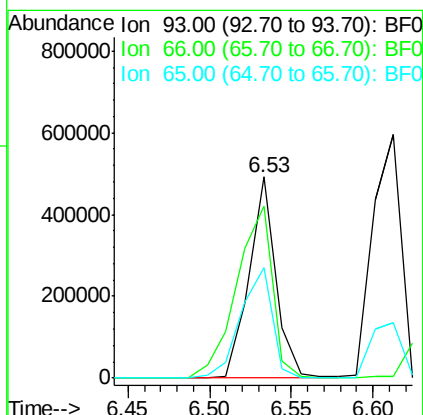
Tgt Ion: 93 Resp: 560596

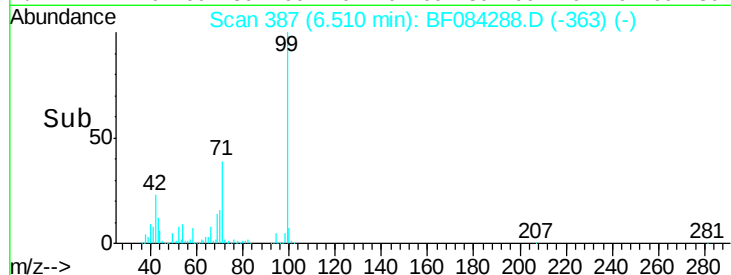
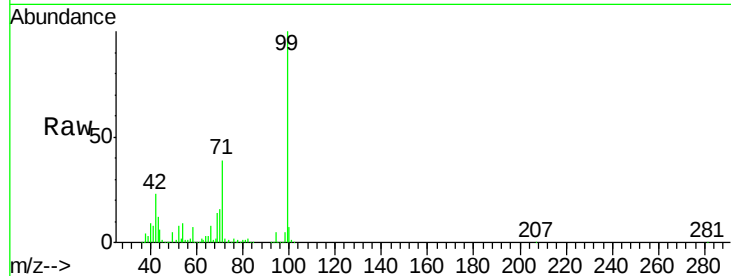
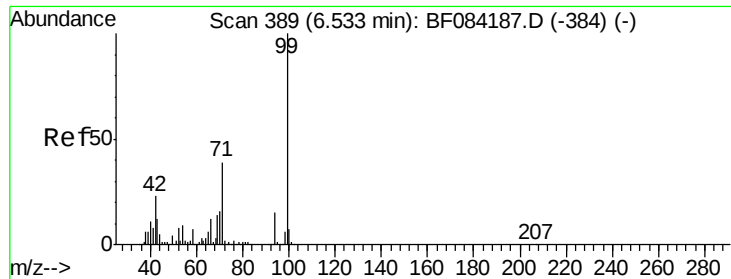
Ion Ratio Lower Upper

93 100

66 85.4 44.9 67.3#

65 55.3 23.7 35.5#





#7

Phenol-d6

Concen: 128.52 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tot Ion: 99 Resp: 2474788

Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.8	19.2#
71	38.5	30.9	46.3

Instrument :

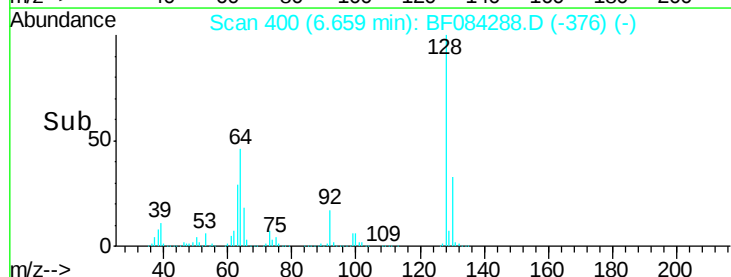
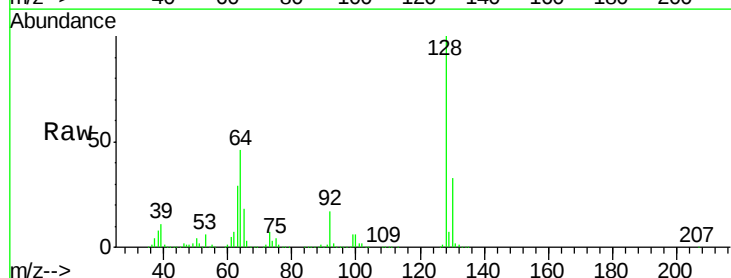
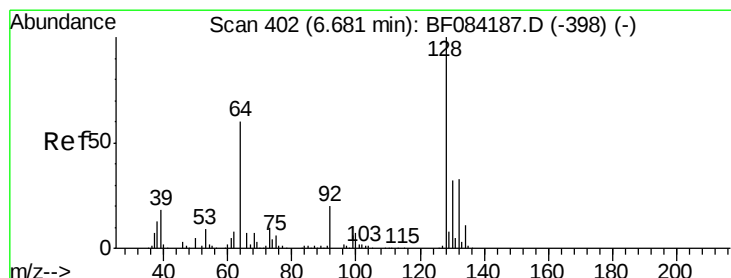
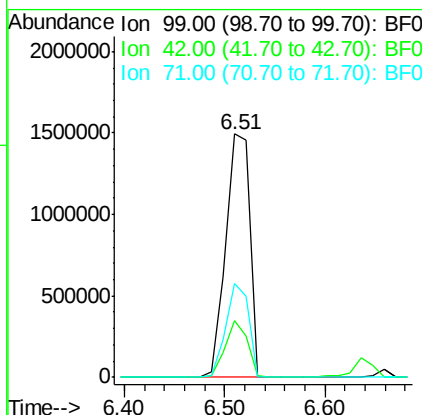
BNA_F

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#8

2-Chlorophenol

Concen: 44.11 ng

RT: 6.66 min Scan# 400

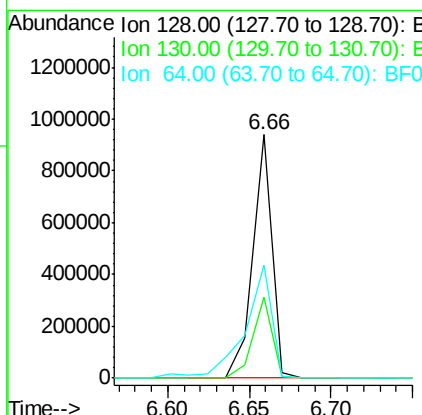
Delta R.T. -0.02 min

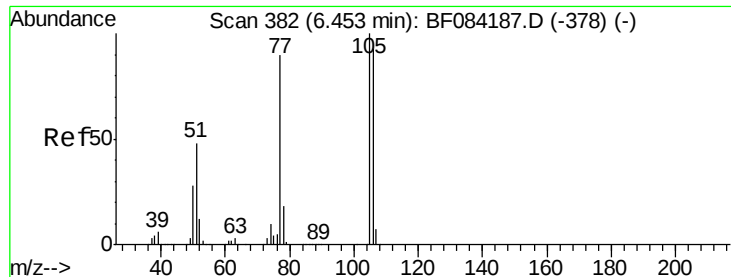
Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion: 128 Resp: 767304

Ion	Ratio	Lower	Upper
128	100		
130	33.2	11.6	51.6
64	46.3	23.8	63.8





#9

Benzaldehyde

Concen: 18.47 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

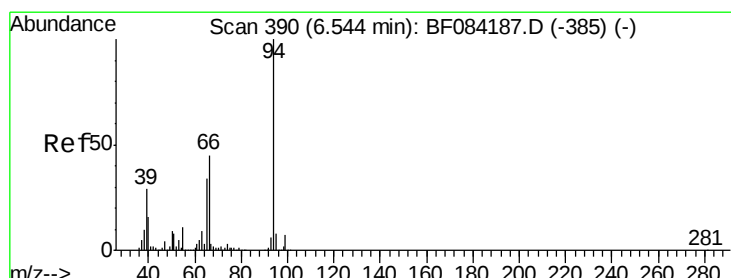
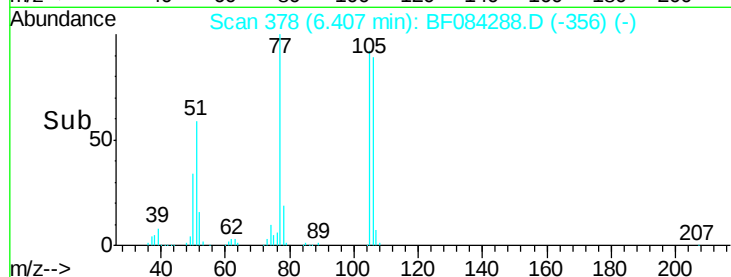
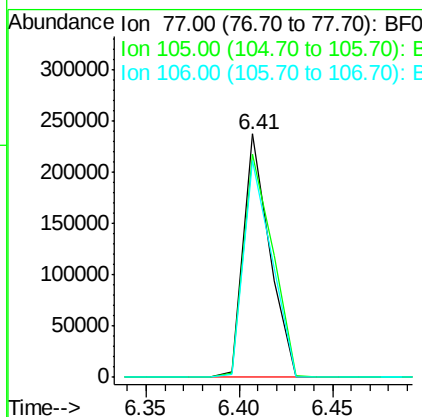
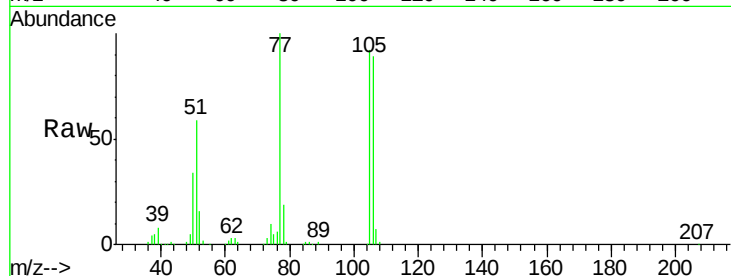
ClientSampleId :

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Tot Ion:	77	Resp:	231583
Ion Ratio	Lower	Upper	
77	100		
105	91.5	83.0	123.0
106	88.8	74.6	114.6

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#10

Phenol

Concen: 39.18 ng

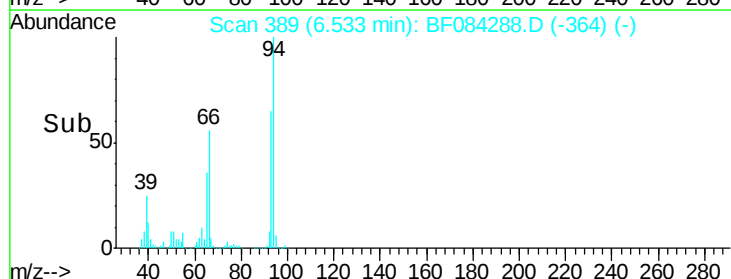
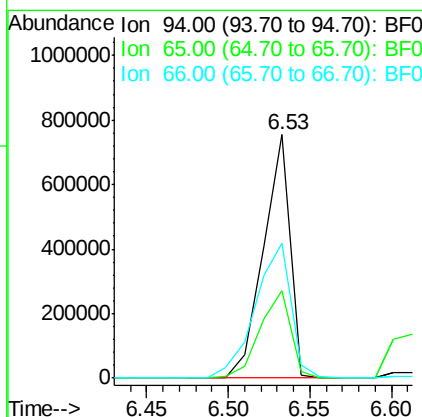
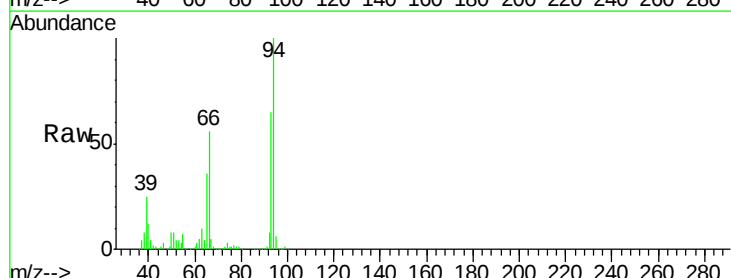
RT: 6.53 min Scan# 389

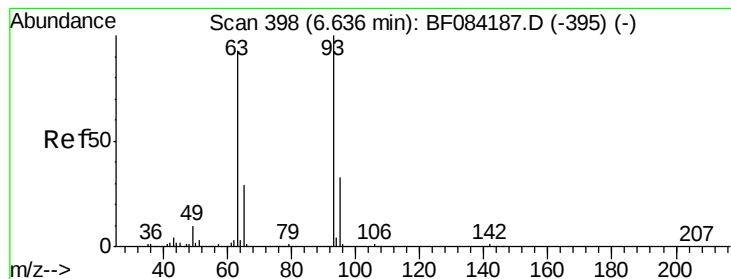
Delta R.T. -0.01 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion:	94	Resp:	857912
Ion Ratio	Lower	Upper	
94	100		
65	36.0	12.9	52.9
66	55.6	32.7	72.7





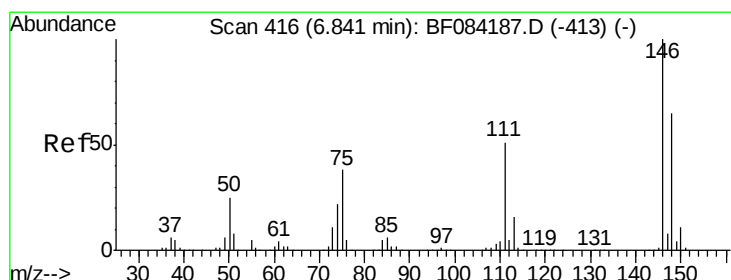
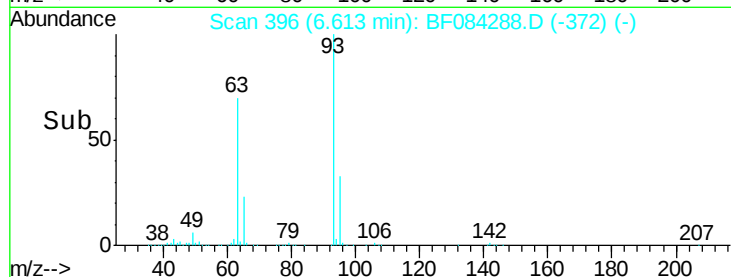
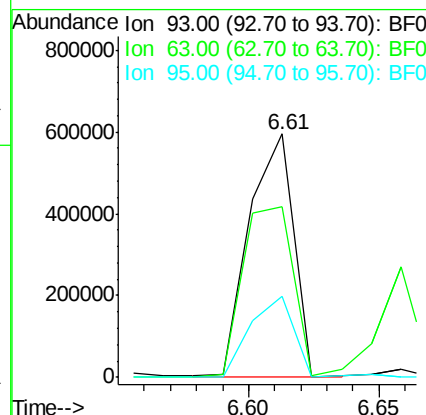
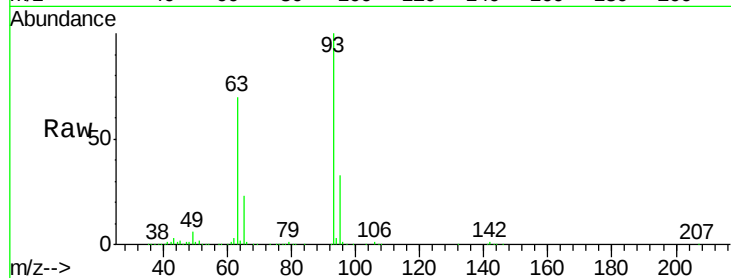
#11
bis(2-Chloroethyl)ether
Concen: 42.14 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.02 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	45.9	85.9
95	33.1	12.3	52.3

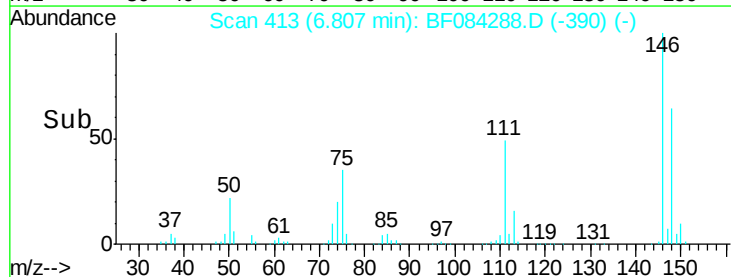
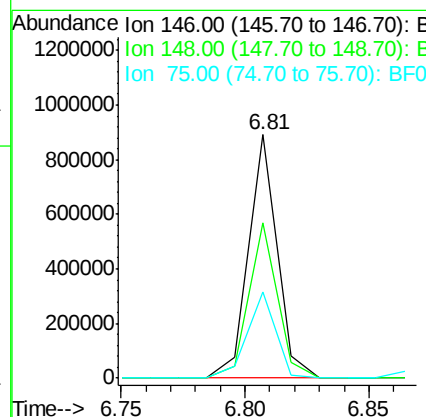
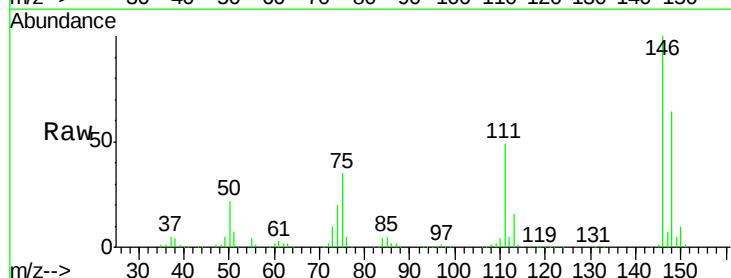
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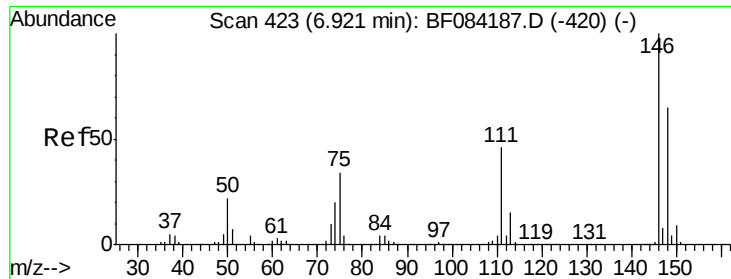
umangi
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#12
1,3-Dichlorobenzene
Concen: 40.02 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	35.3	20.5	30.7#





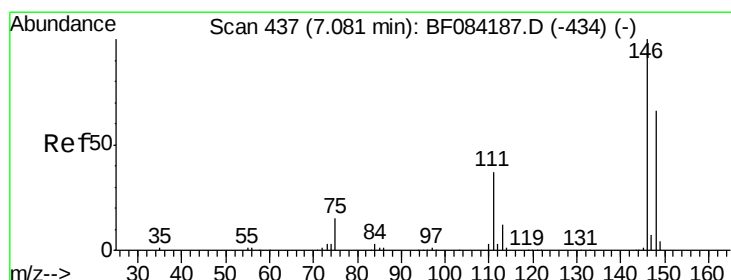
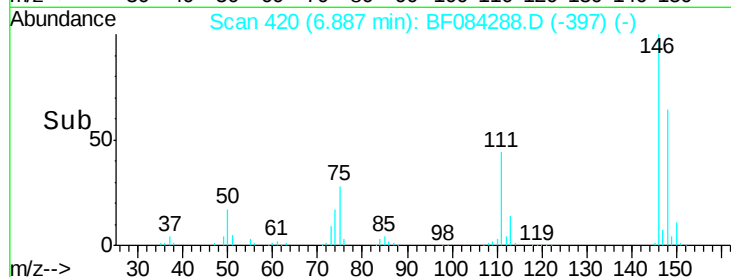
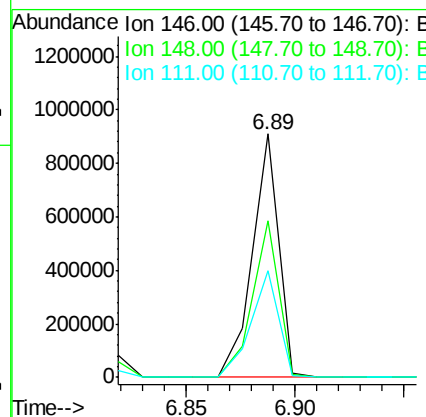
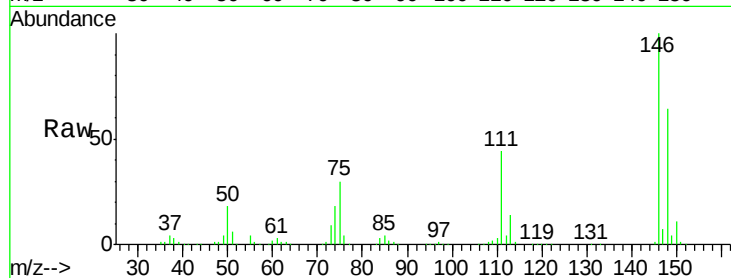
#13
 1,4-Dichlorobenzene
 Concen: 42.48 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87652BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	43.8	41.6	62.4

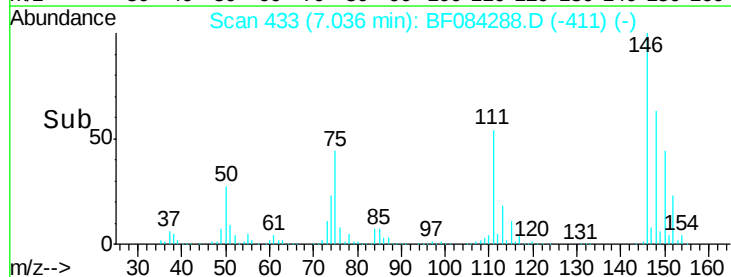
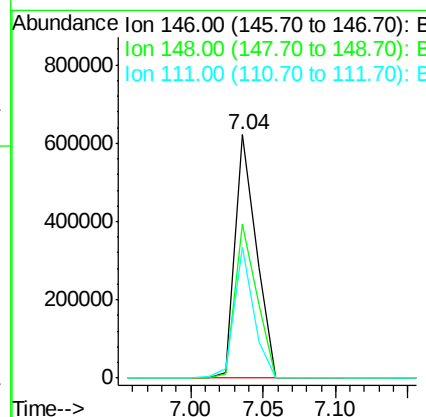
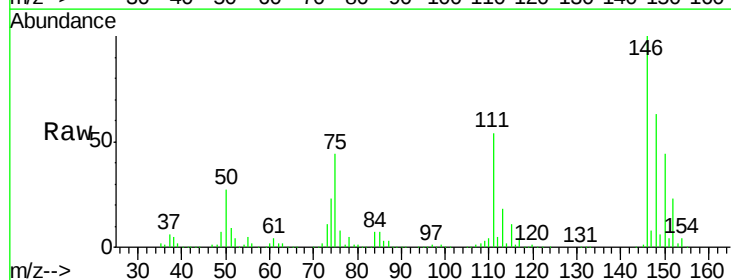
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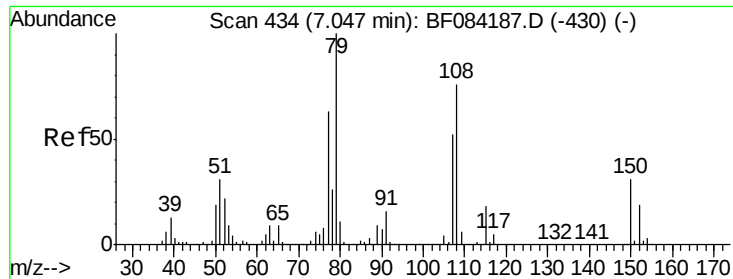
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#14
 1,2-Dichlorobenzene
 Concen: 36.59 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
111	53.7	38.0	57.0





#15

Benzyl Alcohol

Concen: 37.13 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

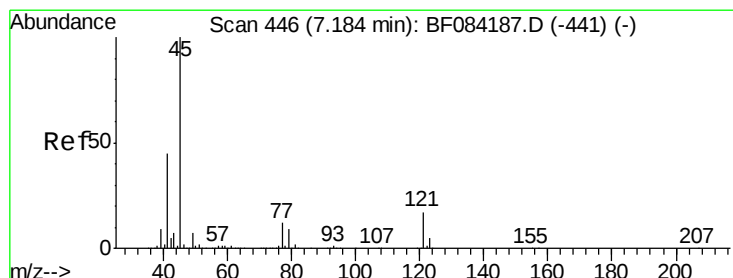
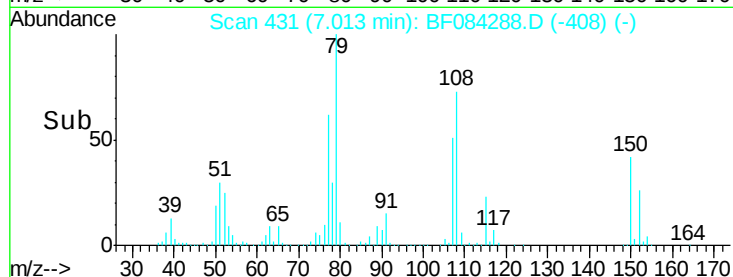
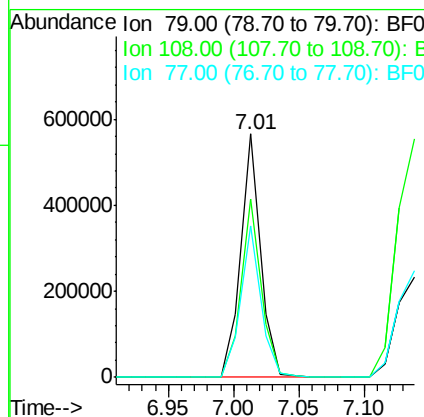
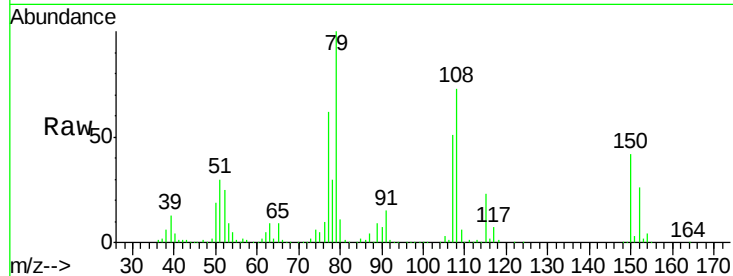
ClientSampleId :

PB87652BS

Tot Ion:	79	Resp:	601545
Ion Ratio	Lower	Upper	
79	100		
108	73.1	69.0	103.4
77	62.5	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.61 ng

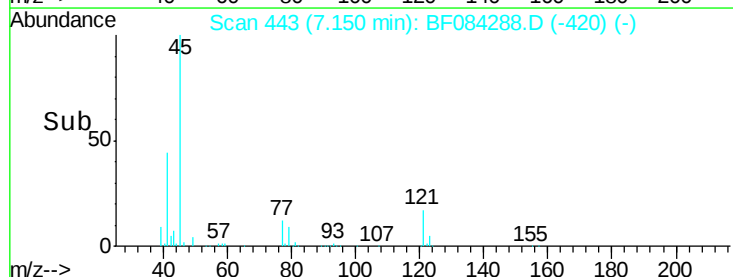
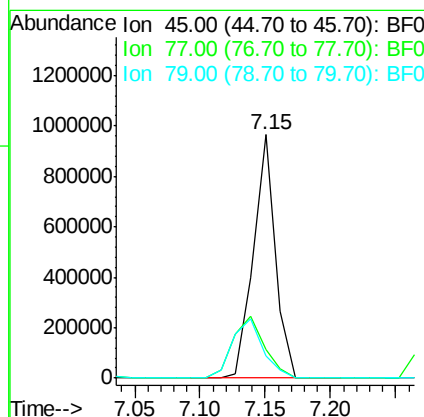
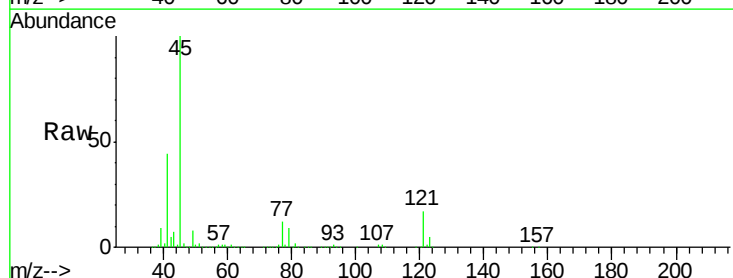
RT: 7.15 min Scan# 443

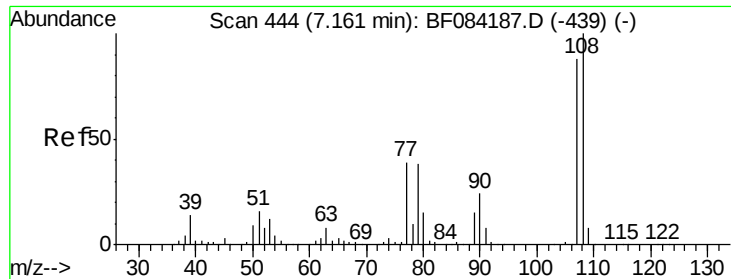
Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion:	45	Resp:	1130729
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	39.6
79	8.9	0.0	35.0





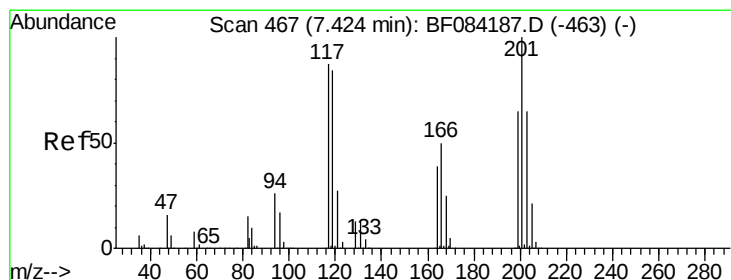
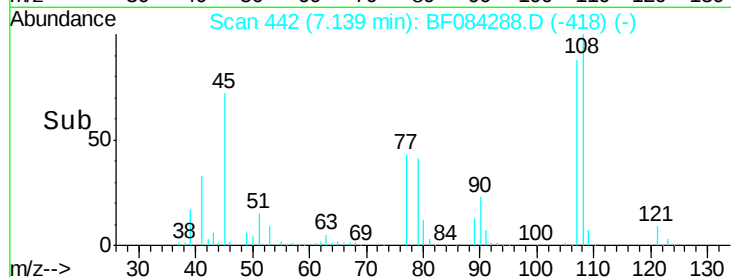
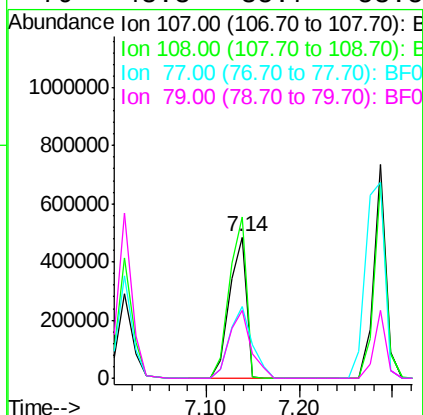
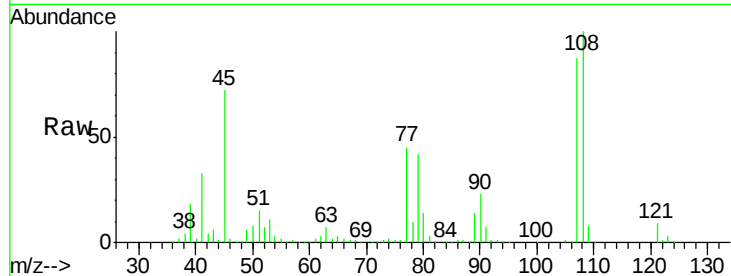
#17
2-Methylphenol
Concen: 42.37 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	617809		
108	114.3	89.8	134.6	
77	51.0	35.7	53.5	
79	48.3	35.7	53.5	

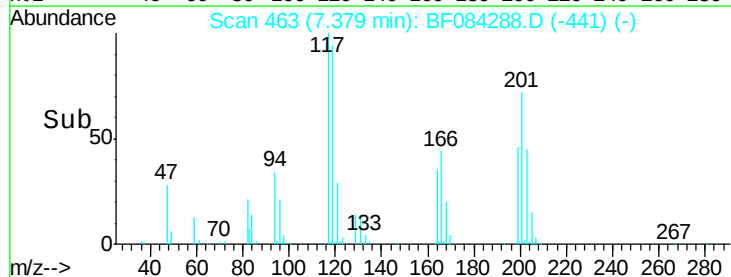
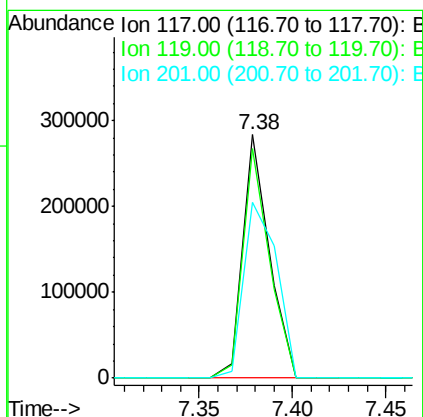
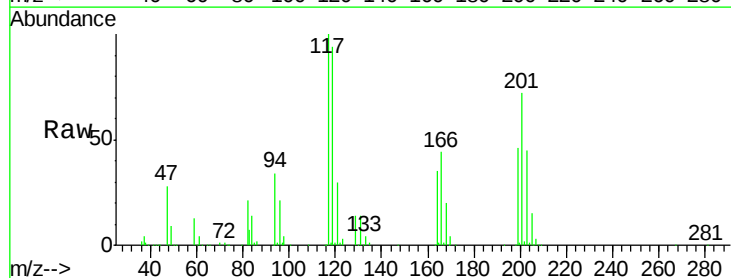
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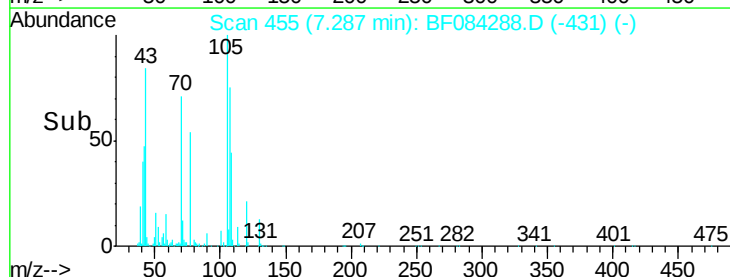
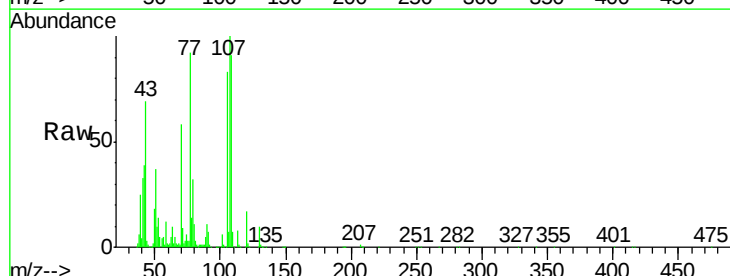
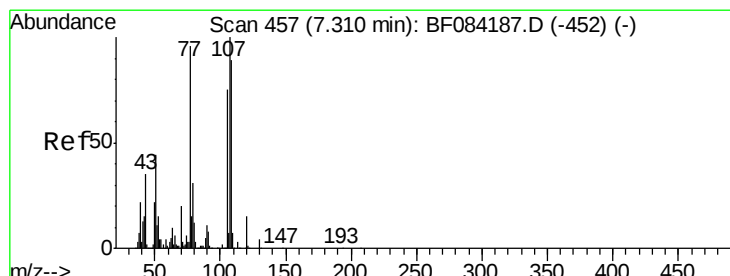
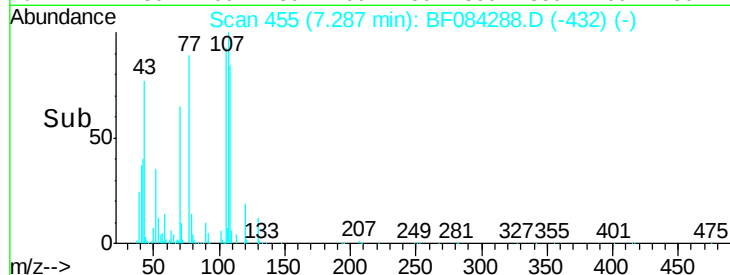
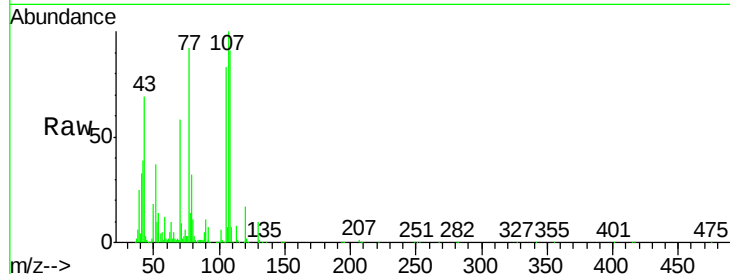
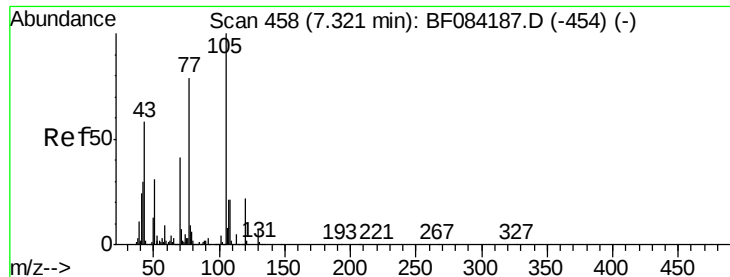
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#18
Hexachloroethane
Concen: 38.99 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	280538		
119	94.0	77.4	116.0	
201	72.4	68.6	103.0	





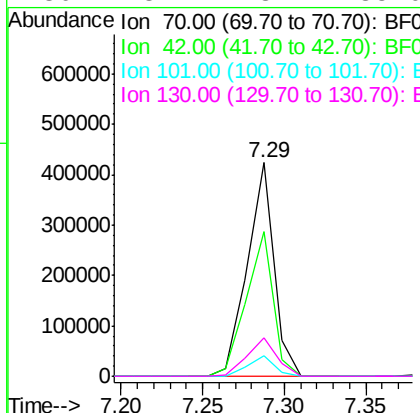
#19
n-Nitroso-di-n-propylamine
Concen: 36.89 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	33.3	49.9#
101	9.6	9.3	13.9
130	18.1	23.4	35.0#

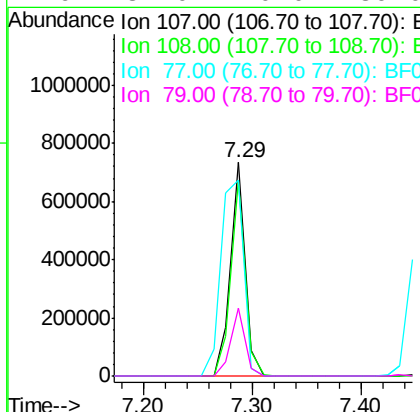
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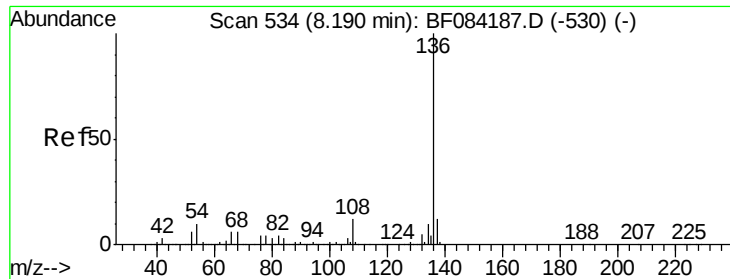
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#20
3+4-Methylphenols
Concen: 39.85 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	74.6	114.6
77	92.0	0.7	40.7#
79	32.0	0.0	39.0





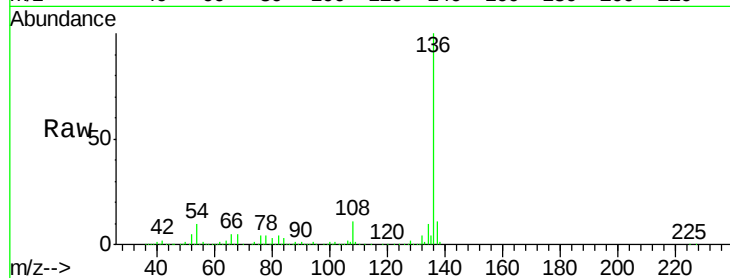
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

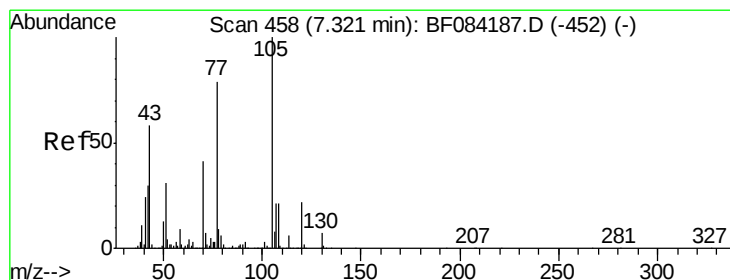
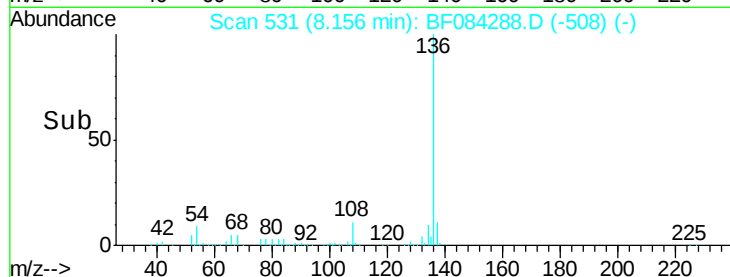
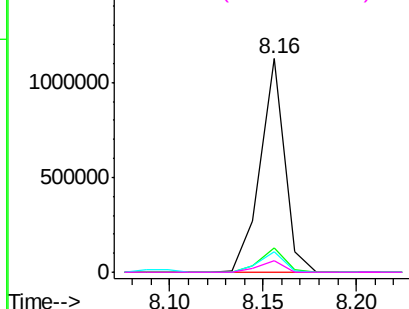
Tot Ion	136	Resp	1037525
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.6	5.8	8.8#
68	5.4	4.2	6.2

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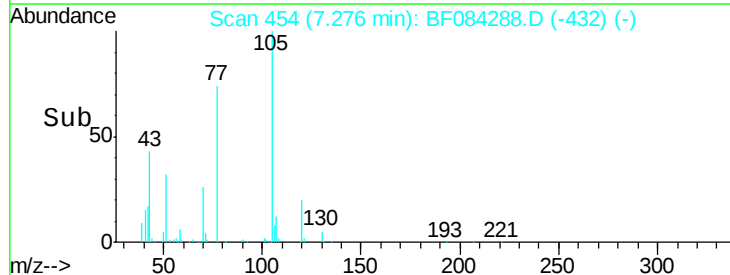
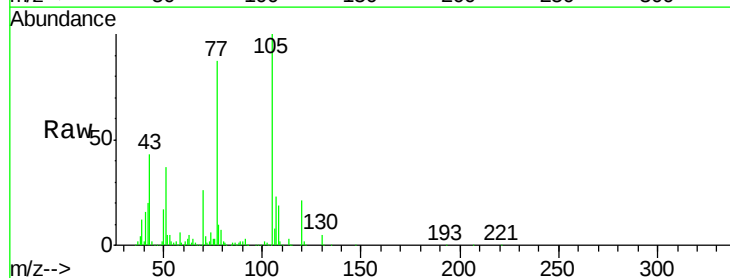
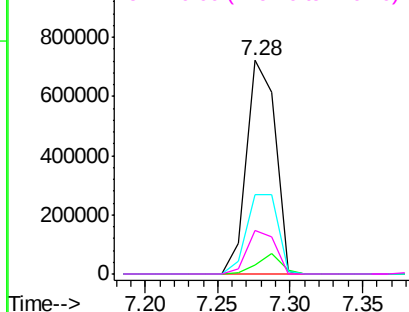
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

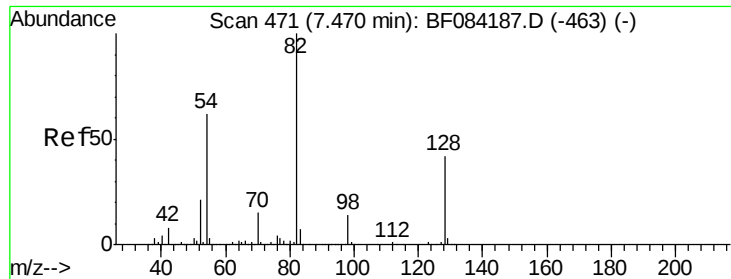


#22
Acetophenone
Concen: 39.82 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	105	Resp	993425
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.7	5.5
51	37.1	25.1	37.7
120	20.5	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





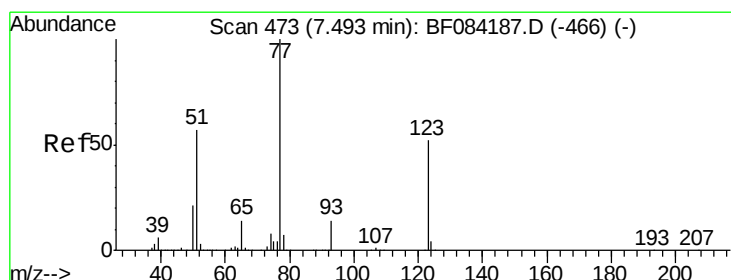
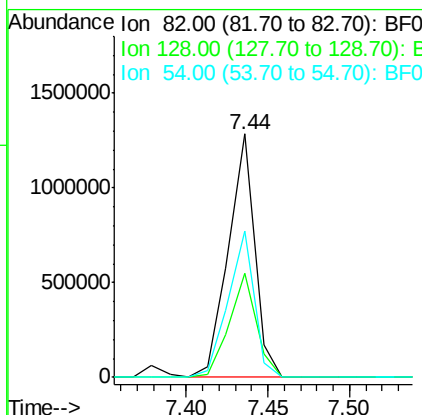
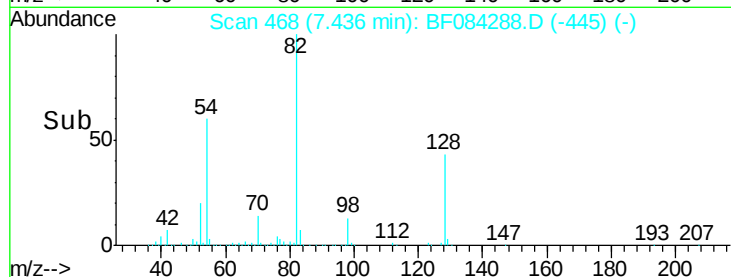
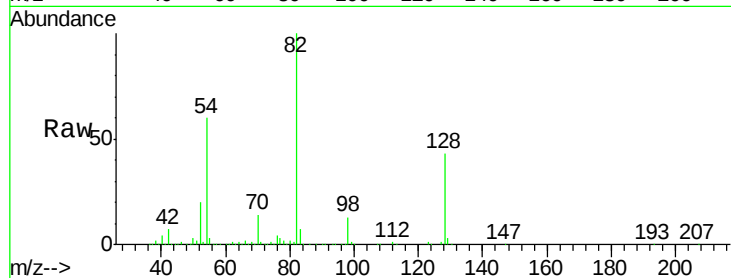
#23
 Nitrobenzene-d5
 Concen: 76.99 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87652BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	60.0	38.4	57.6

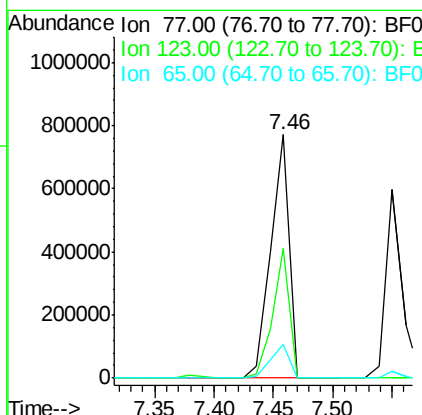
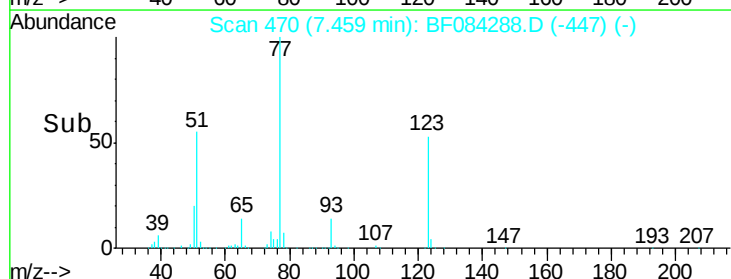
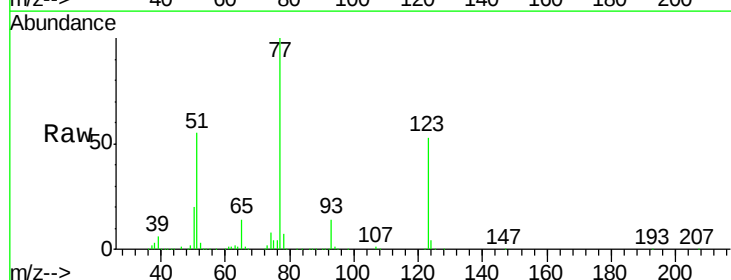
Manual Integrations
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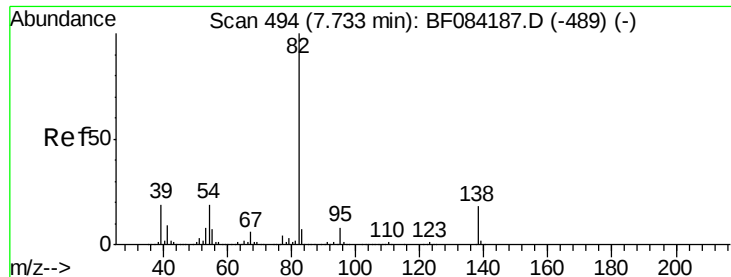
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#24
 Nitrobenzene
 Concen: 44.15 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.4	37.4	56.2
65	13.9	10.9	16.3





#25

Isophorone

Concen: 40.23 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion: 82 Resp: 1434438

Ion Ratio Lower Upper

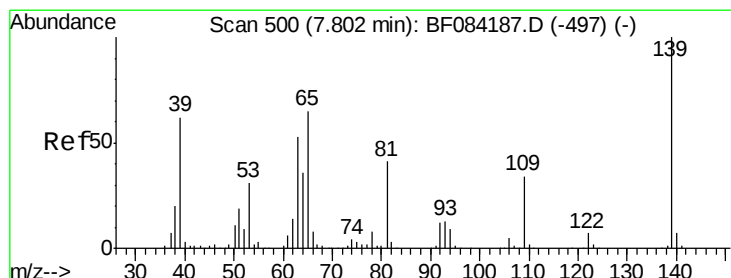
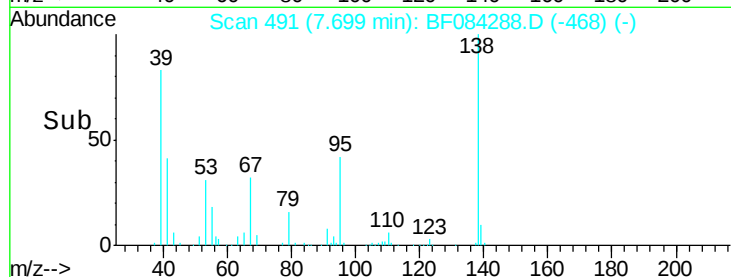
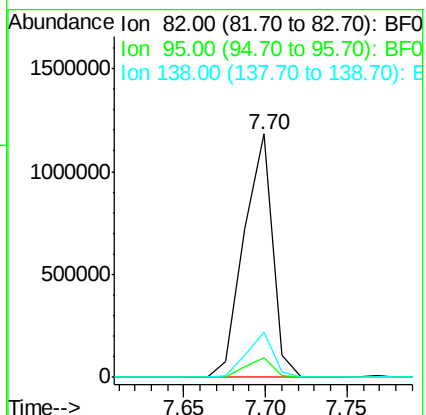
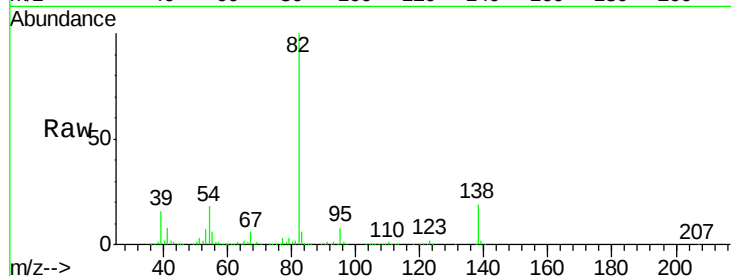
82 100

95 7.9 6.6 10.0

138 18.8 13.6 20.4

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#26

2-Nitrophenol

Concen: 41.04 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

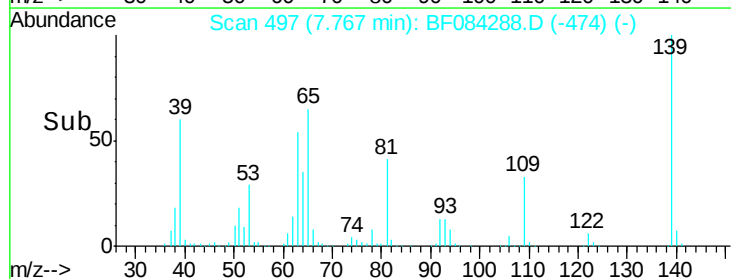
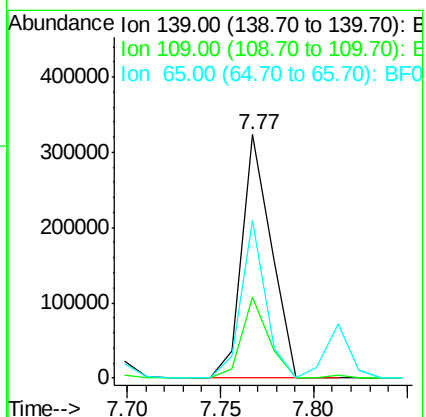
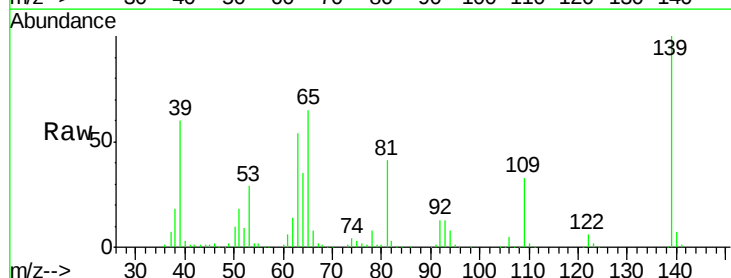
Tgt Ion: 139 Resp: 353116

Ion Ratio Lower Upper

139 100

109 33.2 25.4 38.2

65 65.1 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 37.31 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

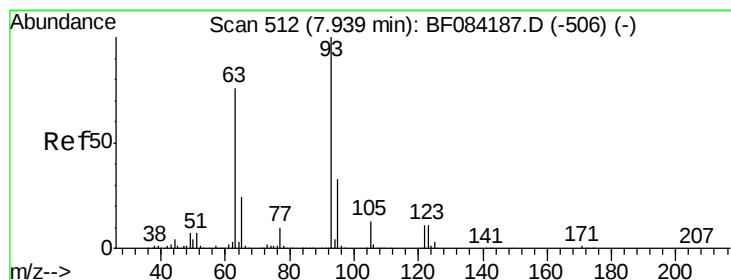
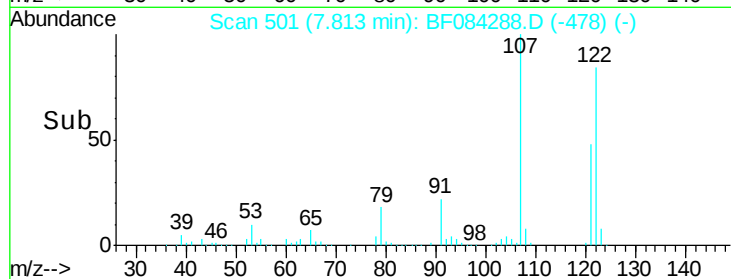
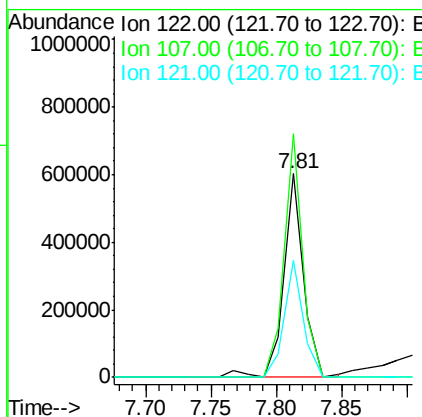
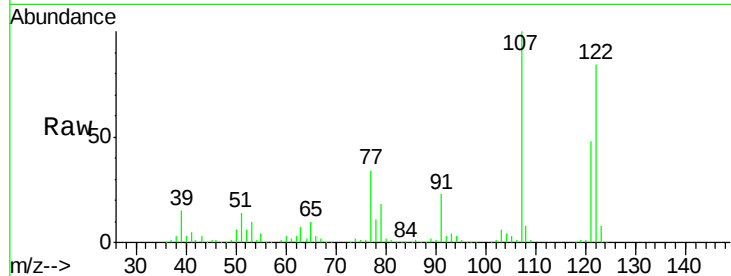
ClientSampleId :

PB87652BS

Tot Ion:	122	Resp:	649918
Ion Ratio	Lower	Upper	
122	100		
107	119.5	99.1	148.7
121	57.4	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 38.76 ng

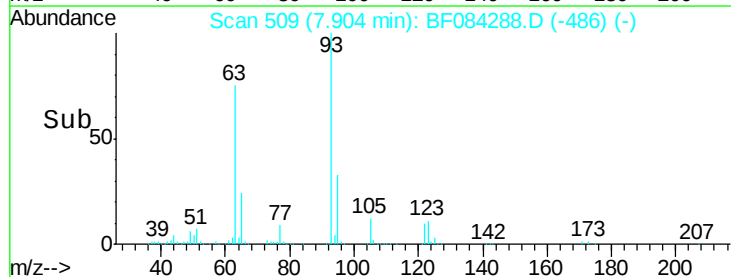
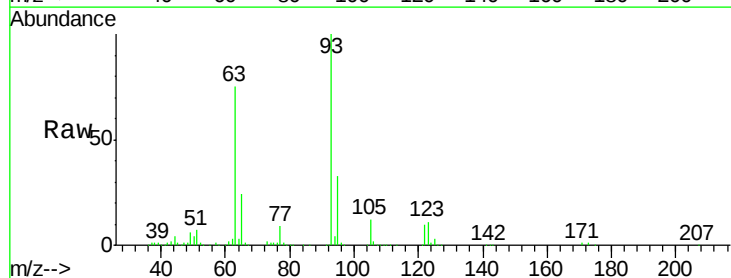
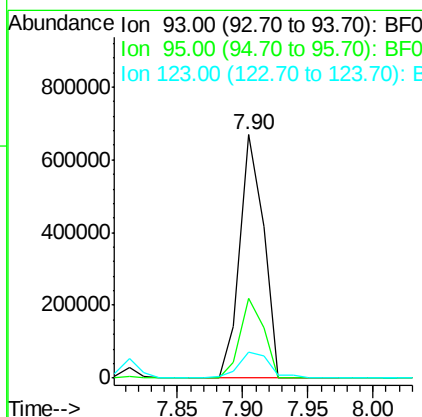
RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion:	93	Resp:	844098
Ion Ratio	Lower	Upper	
93	100		
95	33.0	25.8	38.6
123	10.8	8.6	12.8





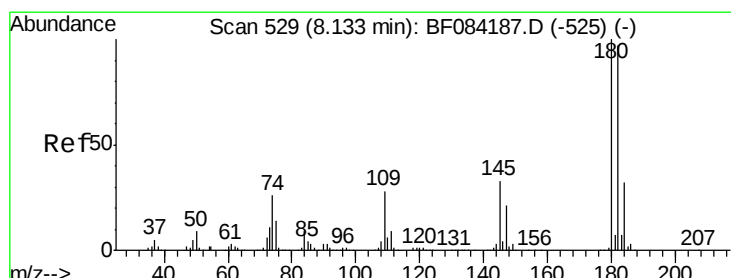
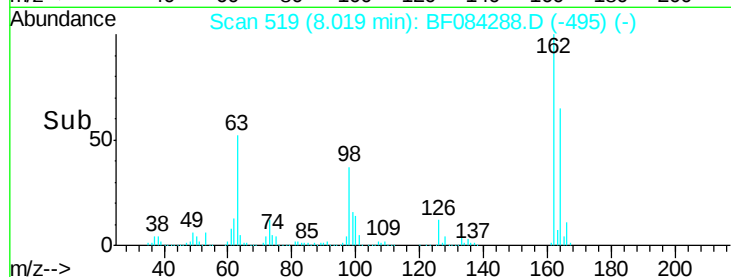
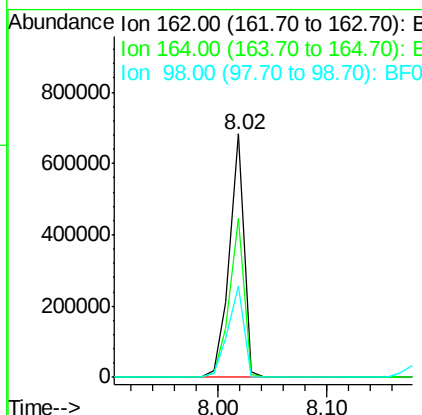
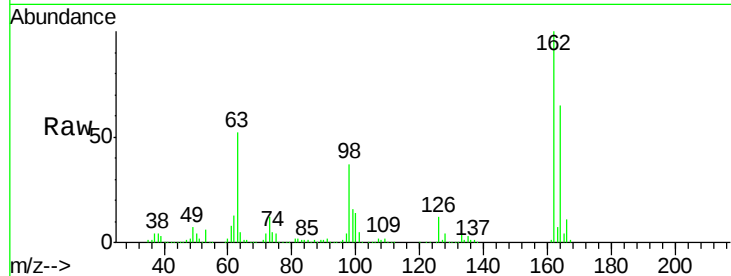
#29
2,4-Dichlorophenol
Concen: 43.89 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	636813		
164	65.1	44.1	84.1	
98	37.3	20.2	60.2	

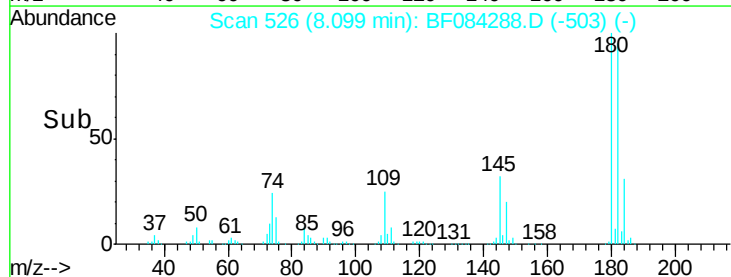
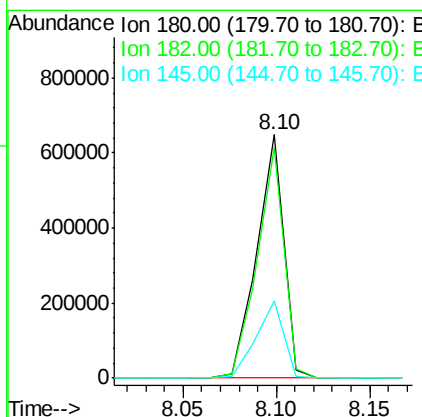
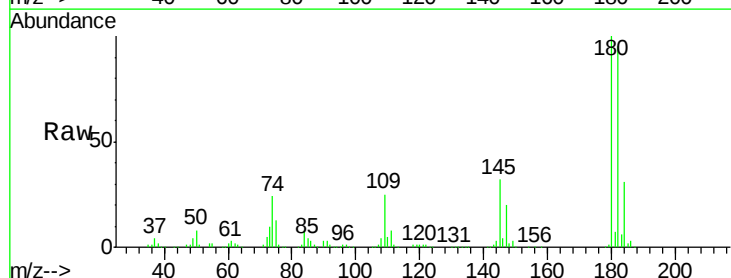
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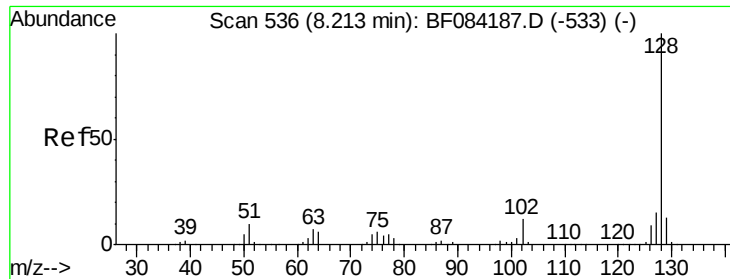
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#30
1,2,4-Trichlorobenzene
Concen: 43.15 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	646358		
182	94.9	76.4	114.6	
145	31.7	31.6	47.4	





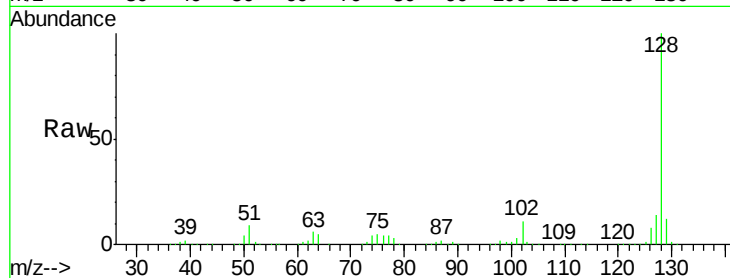
#31
Naphthalene
Concen: 42.46 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

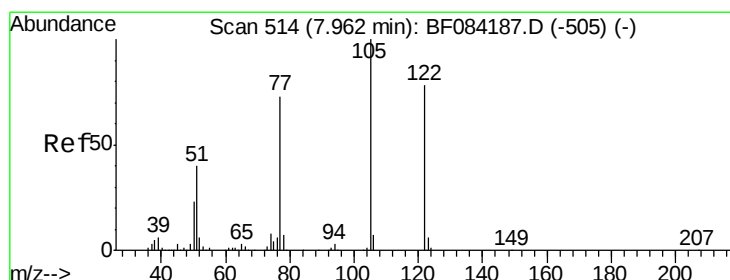
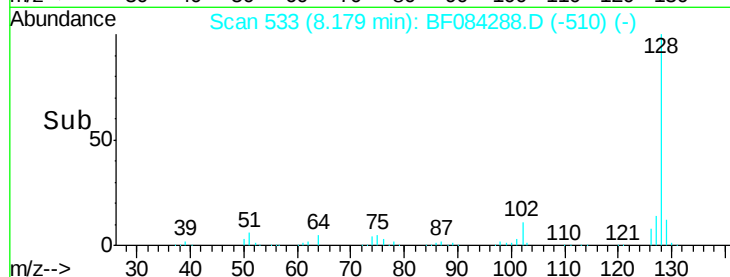
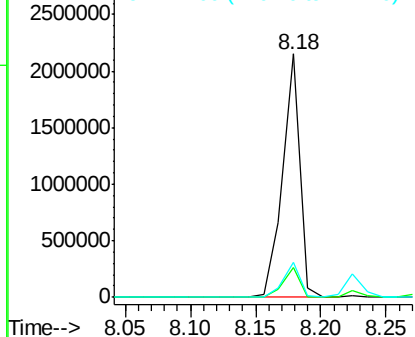
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.2	11.1	16.7

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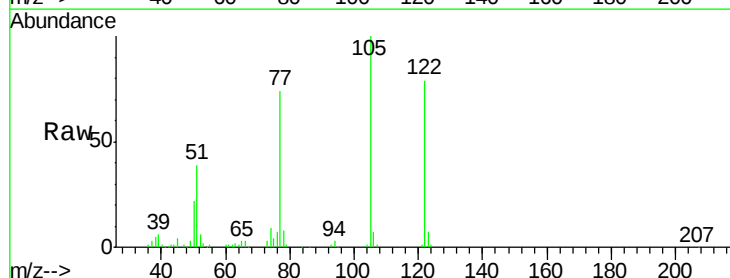


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

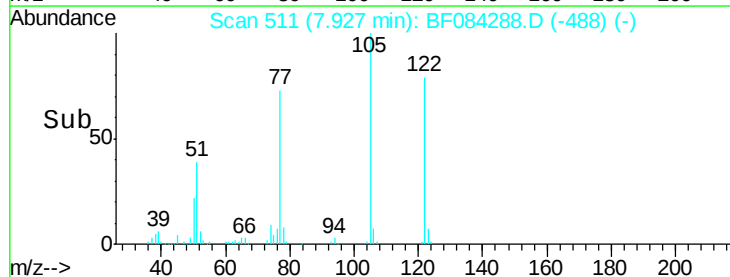
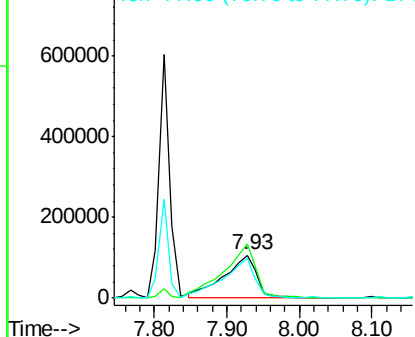


#32
Benzoic acid
Concen: 32.07 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	100.3	140.3
77	93.6	63.5	103.5



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





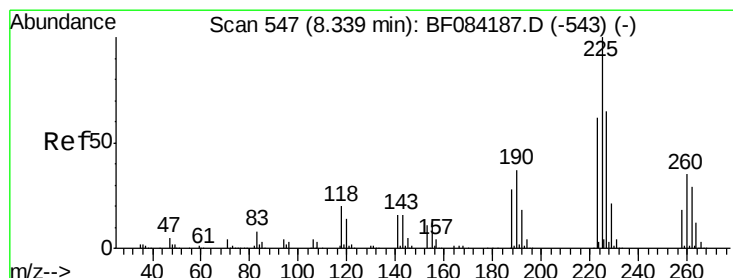
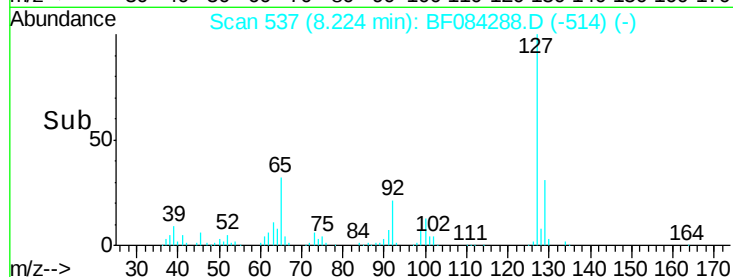
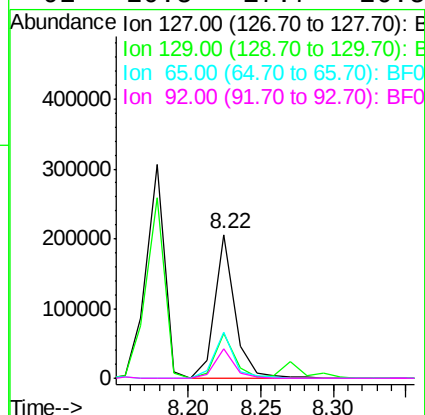
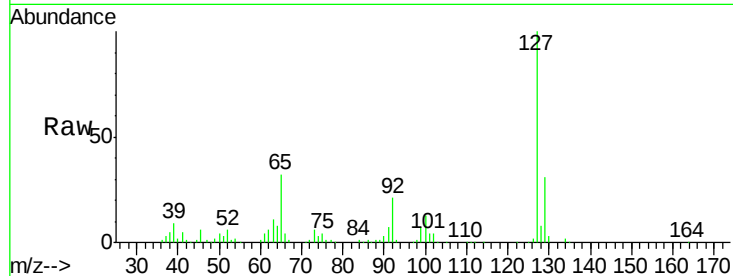
#33
4-Chloroaniline
Concen: 9.26 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.5	39.7		
65	32.4	27.2	40.8		
92	20.5	17.7	26.5		

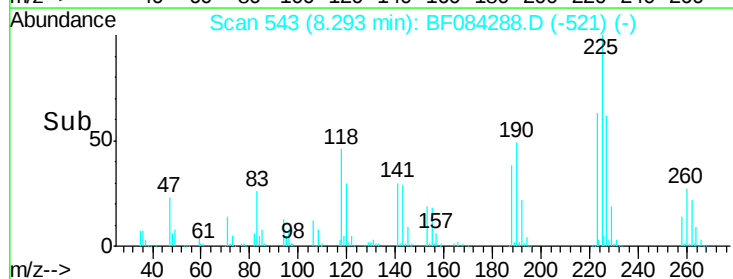
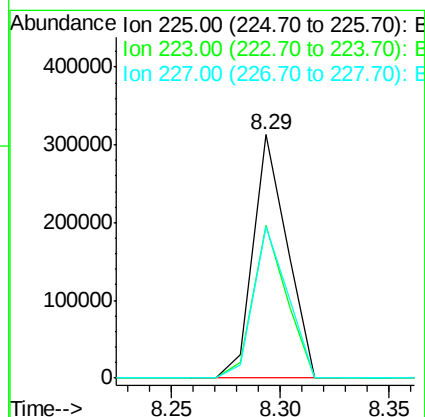
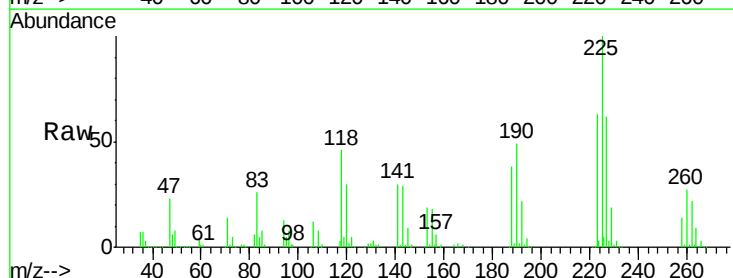
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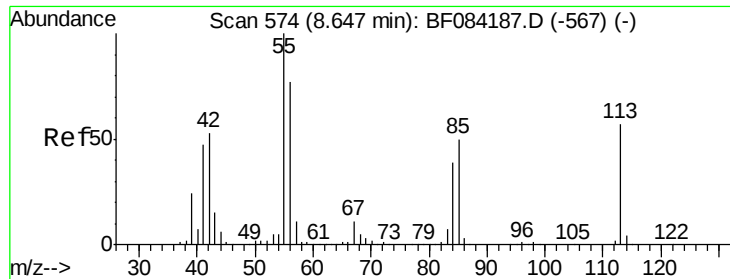
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#34
Hexachlorobutadiene
Concen: 39.40 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	49.4	74.0		
227	62.0	50.8	76.2		





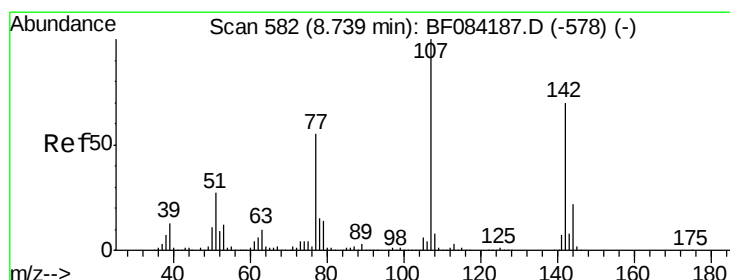
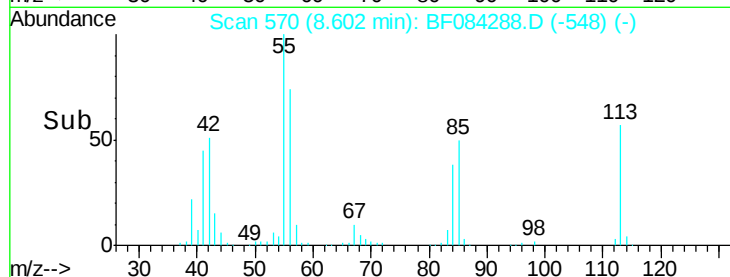
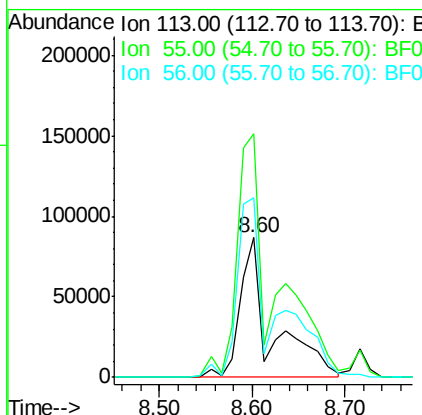
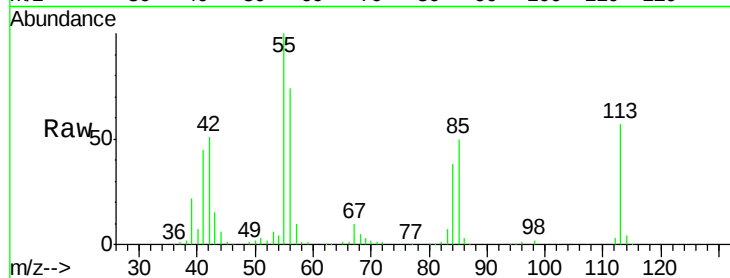
#35
Caprolactam
Concen: 41.81 ng/ml
RT: 8.60 min Scan# 570
Delta R.T. -0.05 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	174.7	116.9	156.9#	
56	129.3	93.8	133.8	

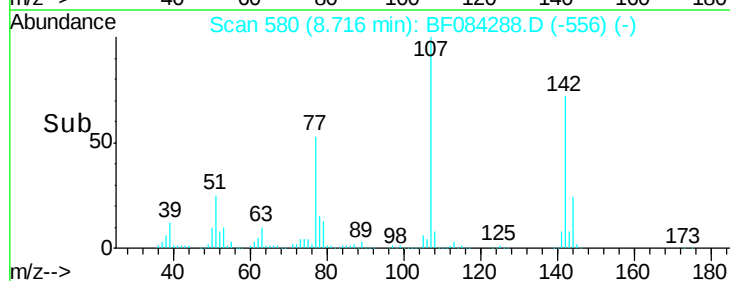
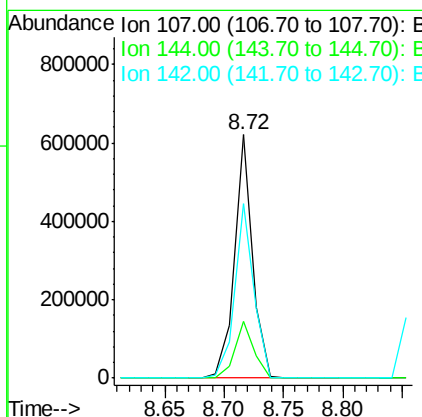
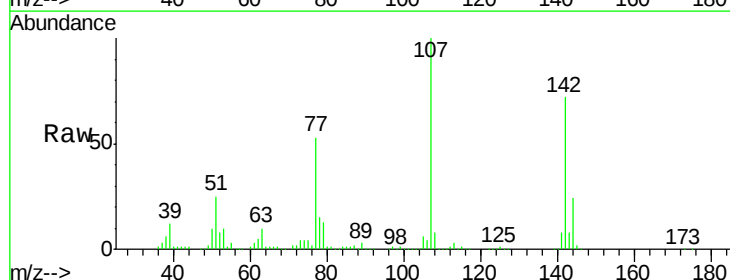
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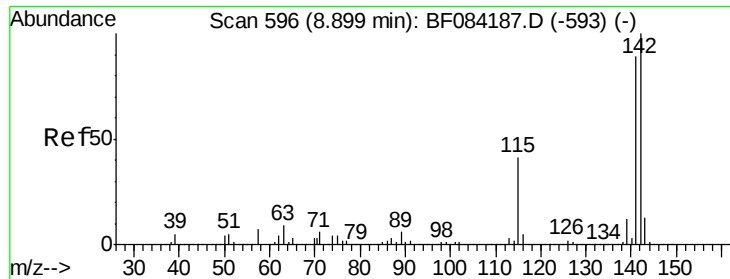
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#36
4-Chloro-3-methylphenol
Concen: 40.39 ng/ml
RT: 8.72 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.6	19.7	29.5	
142	71.5	61.8	92.6	





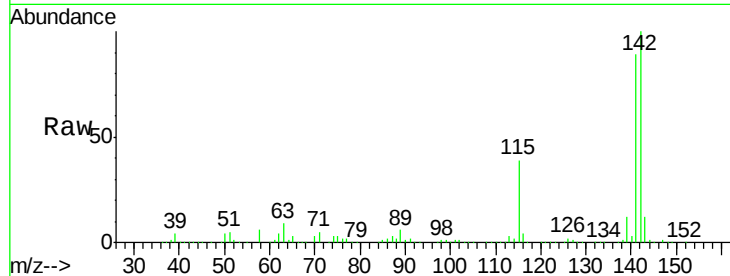
#37
2-Methylnaphthalene
Concen: 38.76 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

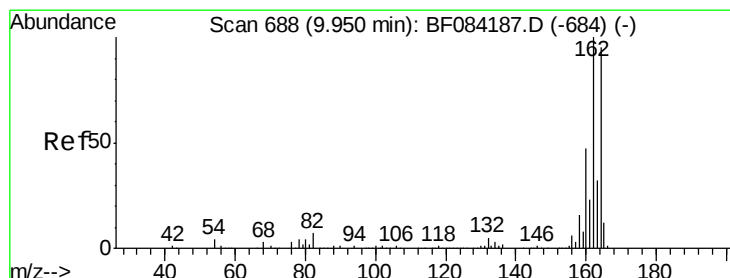
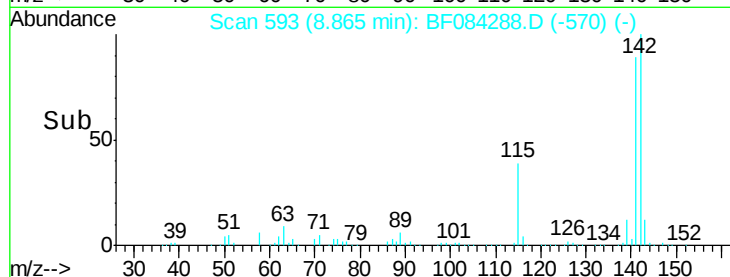
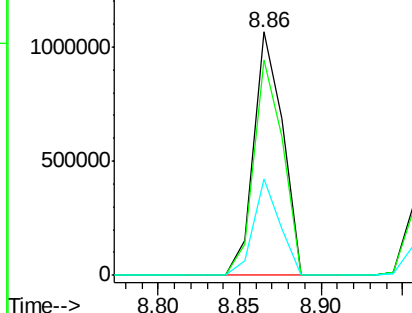
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.4	108.6
115	39.5	27.9	41.9

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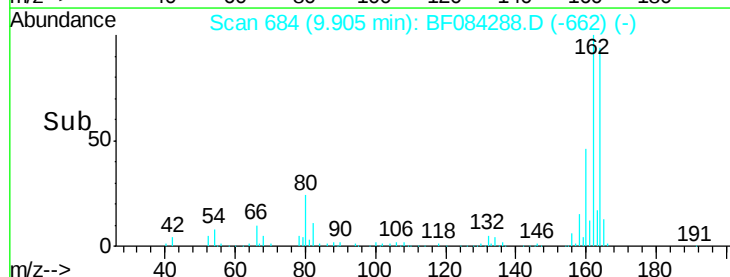
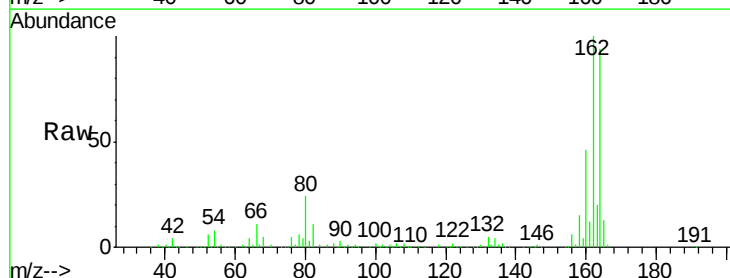
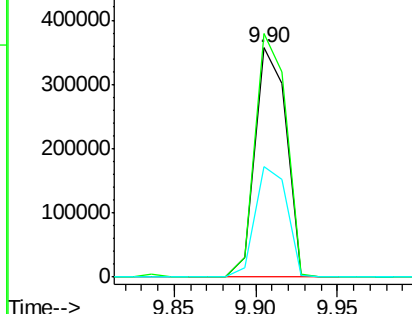
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

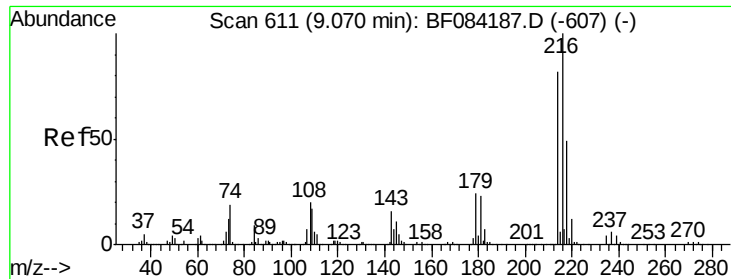


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.1	127.7
160	48.4	37.5	56.3

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.95 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

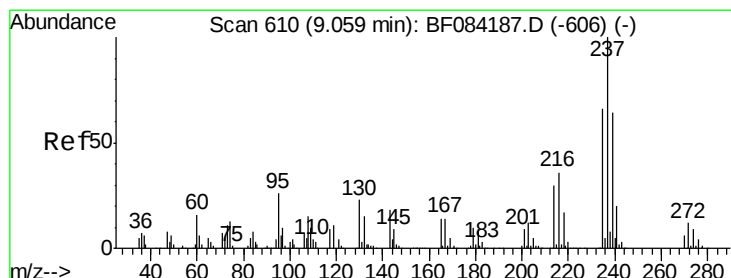
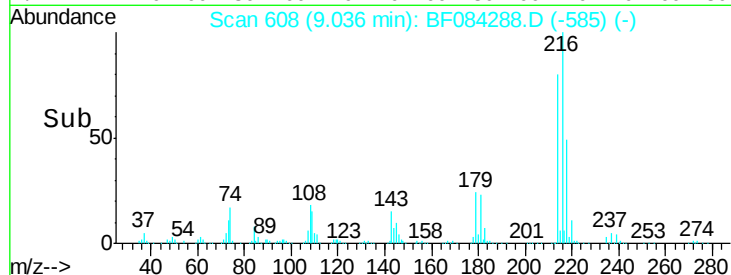
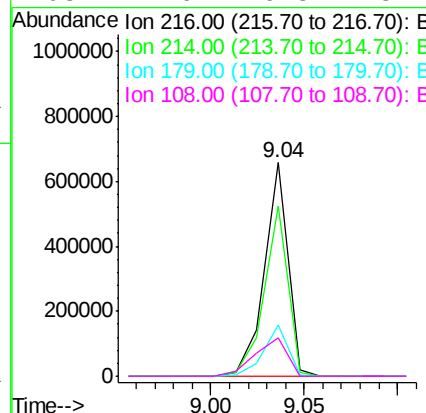
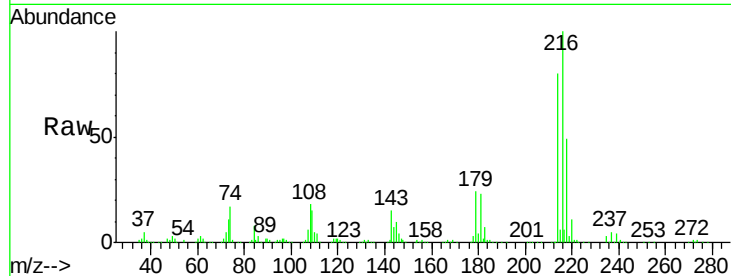
ClientSampleId :

PB87652BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		571475		
214	80.2		64.2	96.2	
179	24.5		18.7	28.1	
108	24.6		16.8	25.2	

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#40

Hexachlorocyclopentadiene

Concen: 88.61 ng

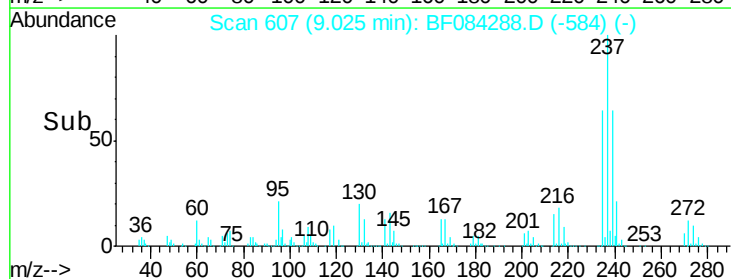
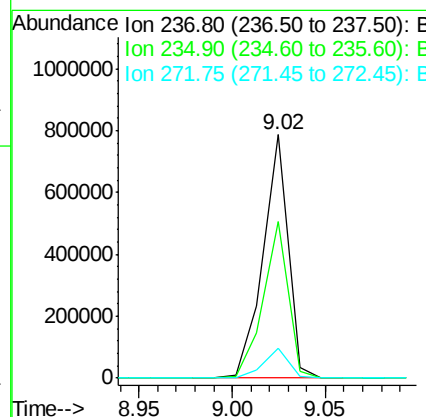
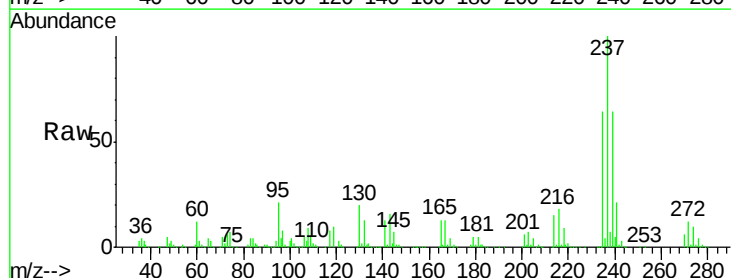
RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		728658		
235	64.1		43.1	83.1	
272	12.4		0.0	35.1	





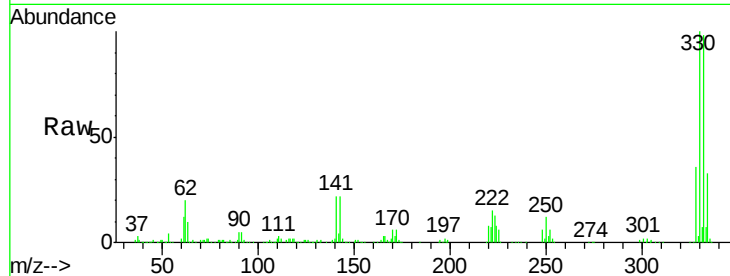
#41
 2,4,6-Tribromophenol
 Concen: 132.82 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87652BS

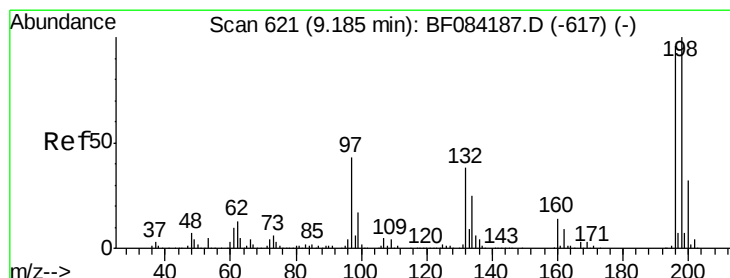
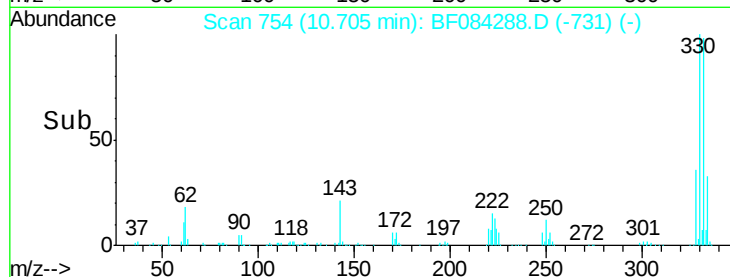
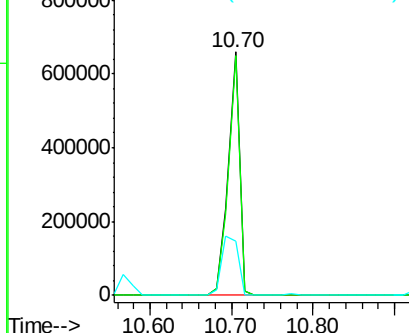
Tot Ion	Ratio	Resp	Lower	Upper
330	100	635359		
332	97.3	76.6	114.8	
141	35.2	27.8	41.6	

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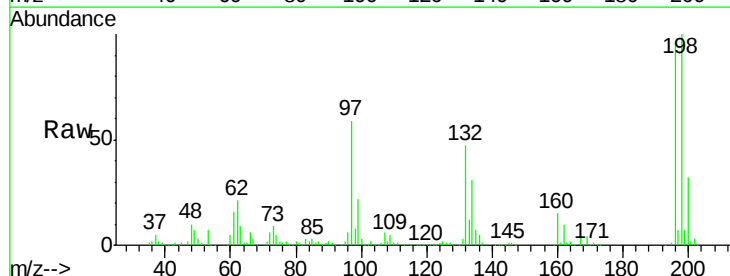


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

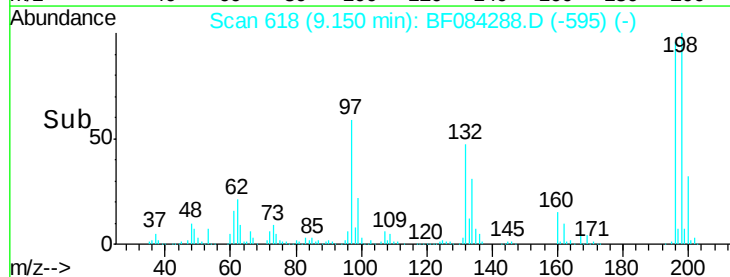
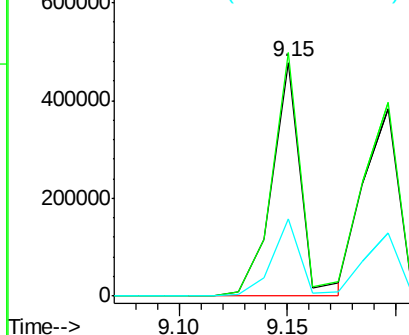


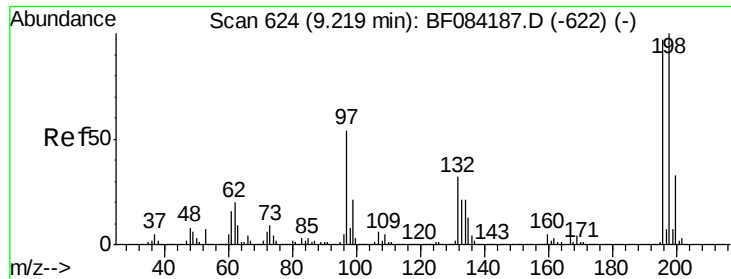
#42
 2,4,6-Trichlorophenol
 Concen: 43.51 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	443388		
198	104.2	77.7	116.5	
200	33.3	24.6	37.0	



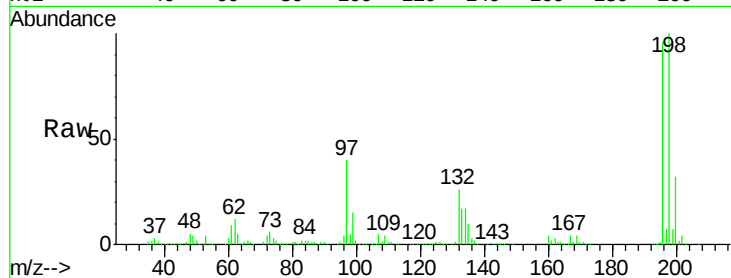
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.75 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

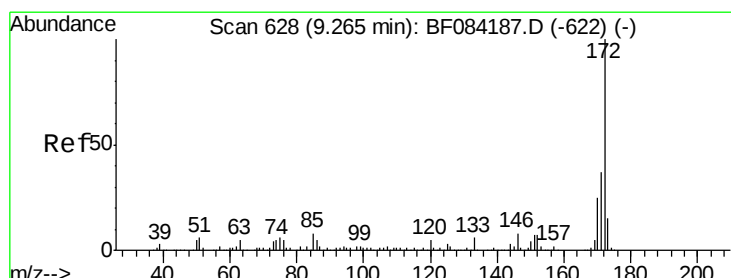
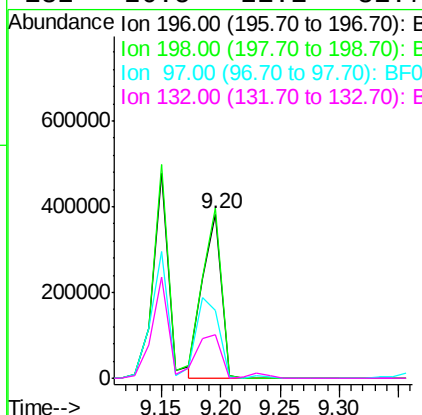
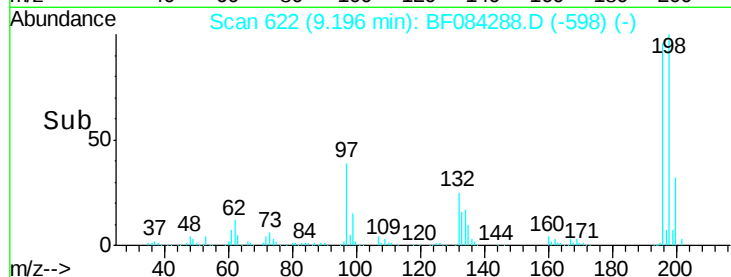
Instrument :
 BNA_F
 ClientSampleId :
 PB87652BS



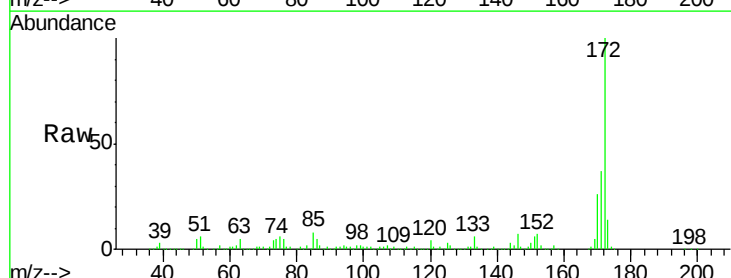
Tot Ion:	196	Resp:	427370
Ion Ratio	Lower	Upper	
196	100		
198	103.7	79.0	118.6
97	41.4	33.0	49.6
132	26.5	21.1	31.7

Manual Integrations
 APPROVED

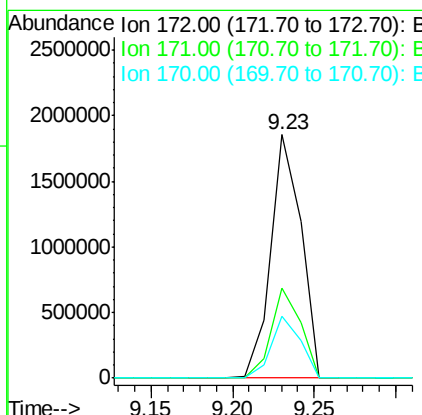
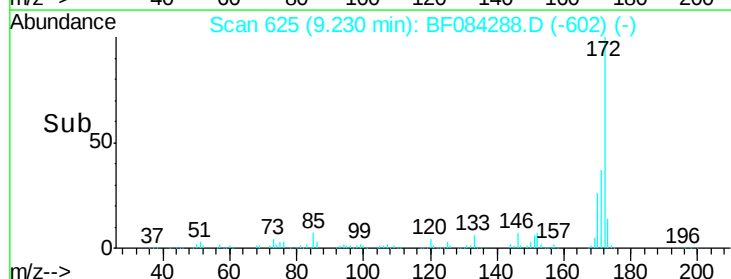
umangi
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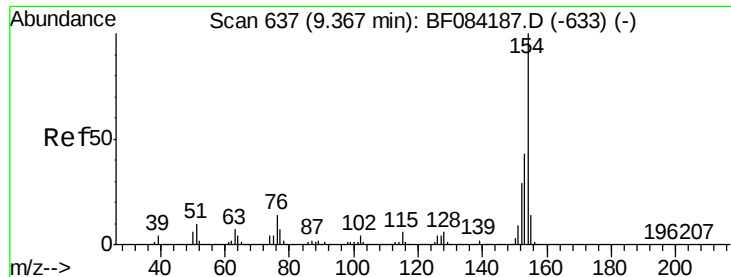


#44
 2-Fluorobiphenyl
 Concen: 89.78 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27



Tgt Ion:	172	Resp:	2408509
Ion Ratio	Lower	Upper	
172	100		
171	37.1	28.9	43.3
170	25.5	18.6	27.8





#45

1,1'-Biphenyl

Concen: 42.35 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion:154 Resp: 1594769

Ion Ratio Lower Upper

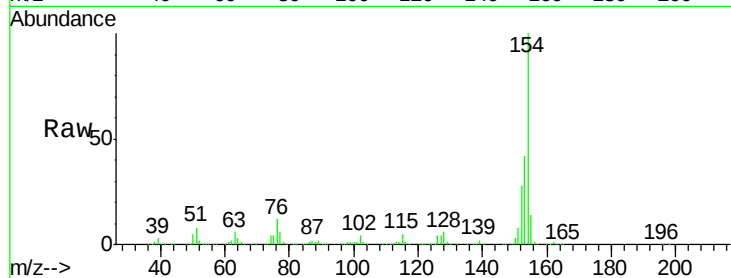
154 100

153 41.6 21.6 61.6

76 12.1 0.0 32.7

Manual Integrations
APPROVED

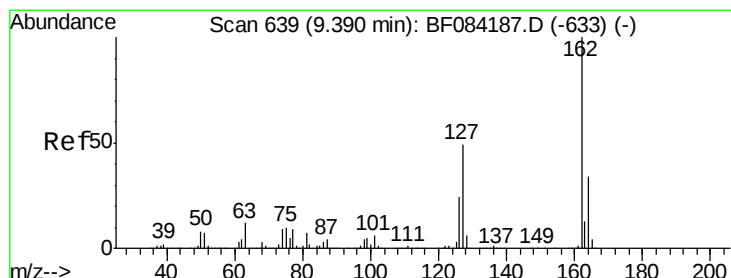
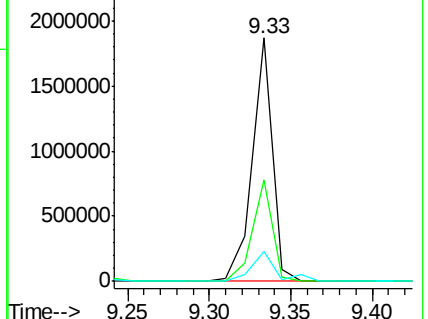
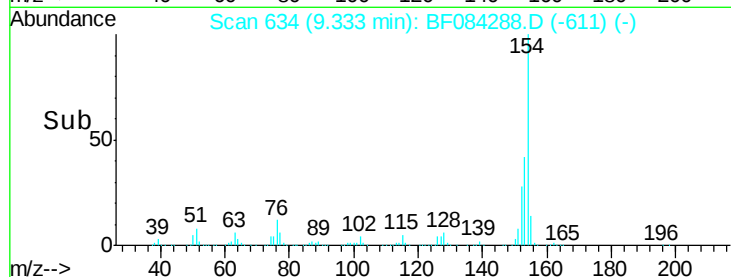
umangi
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.03 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

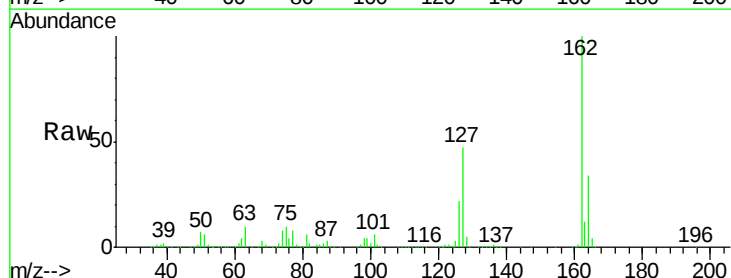
Tgt Ion:162 Resp: 1183975

Ion Ratio Lower Upper

162 100

127 47.2 40.2 60.4

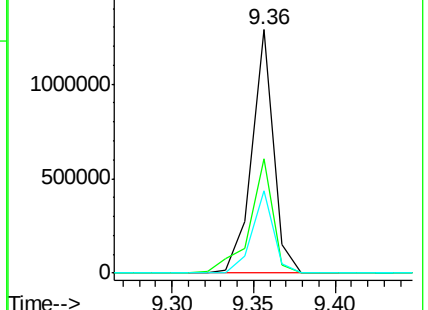
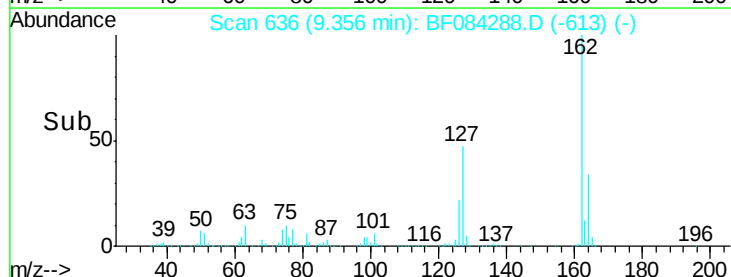
164 33.7 25.7 38.5

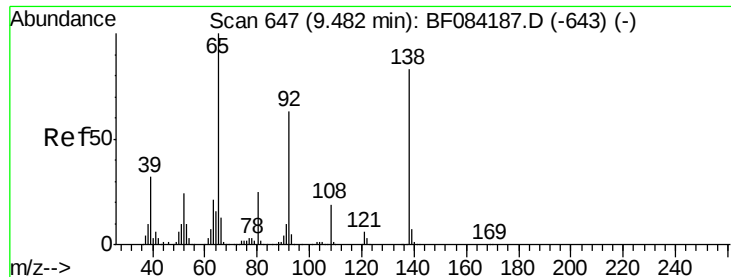


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





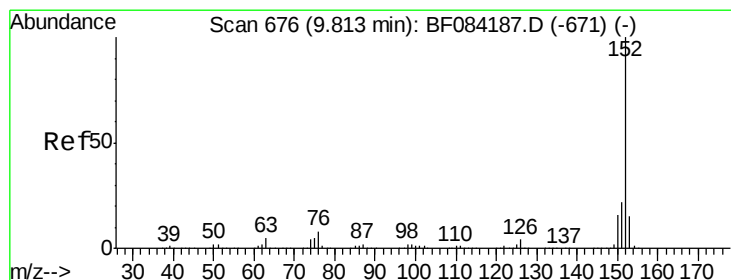
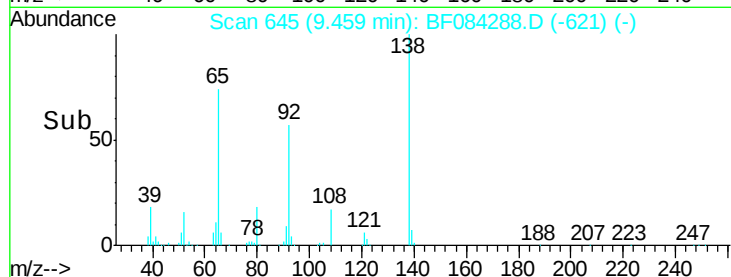
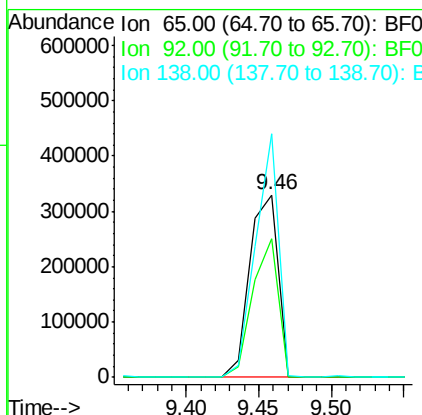
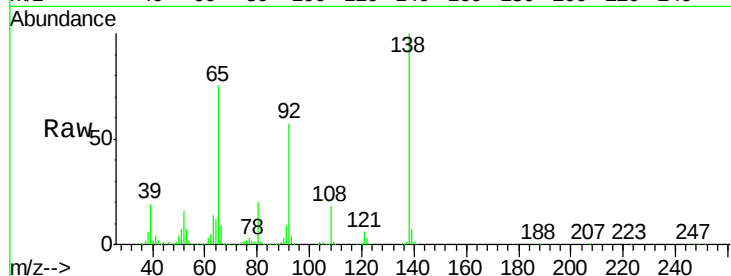
#47
2-Nitroaniline
Concen: 45.61 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.8	53.4	80.2
138	133.6	71.1	106.7

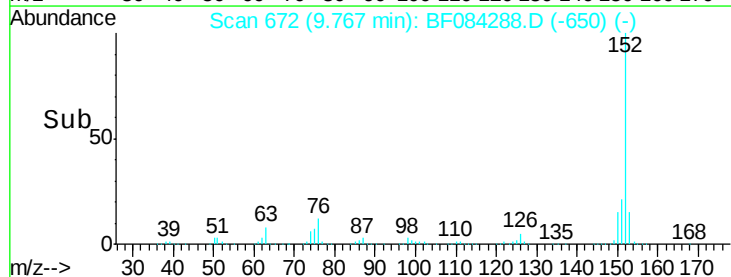
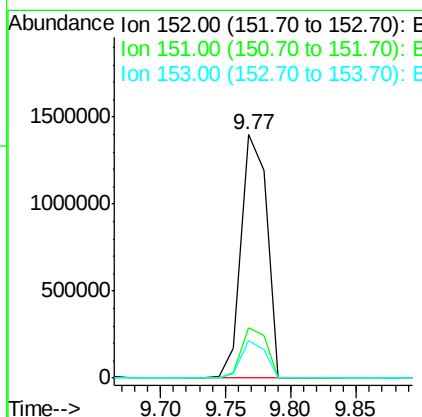
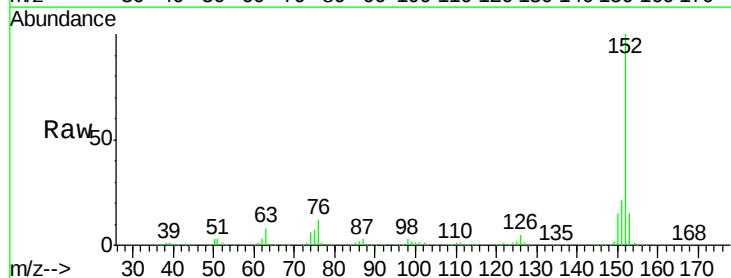
Manual Integrations
APPROVED

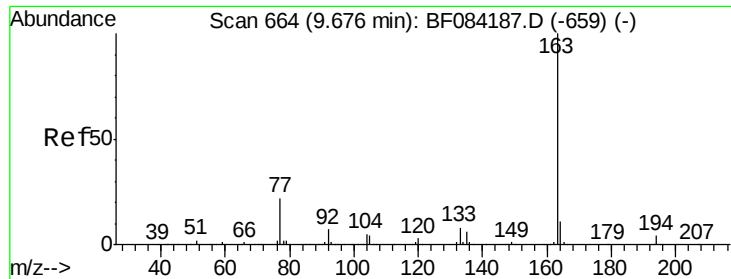
umangi
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#48
Acenaphthylene
Concen: 43.54 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	15.2	10.4	15.6





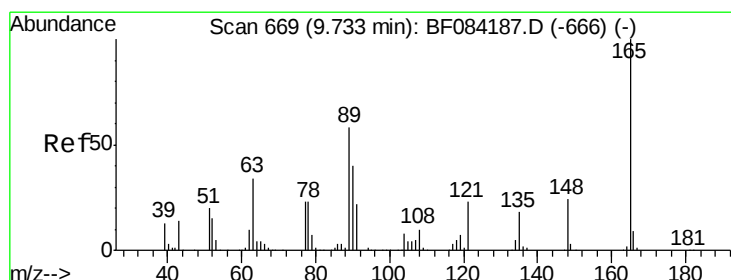
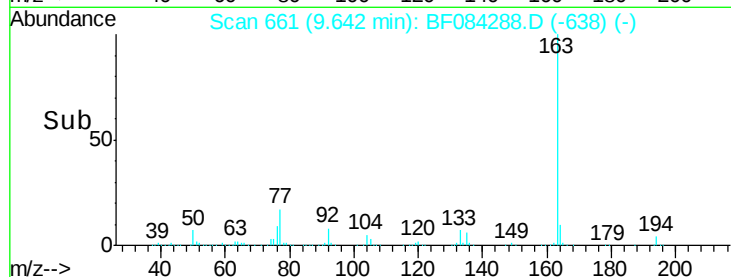
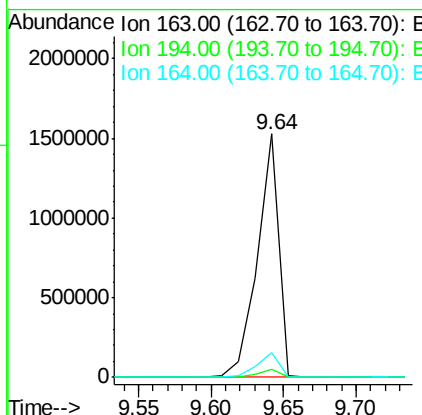
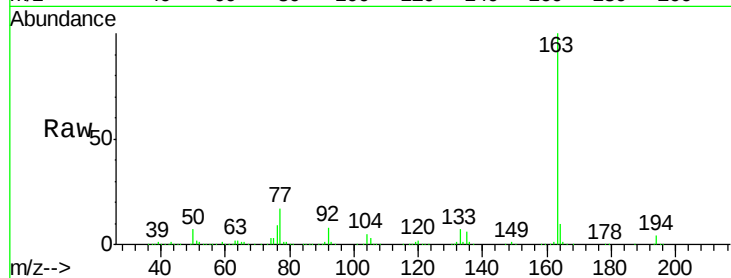
#49
Dimethylphthalate
Concen: 46.04 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion:163 Resp: 1559432
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 10.4 8.0 12.0

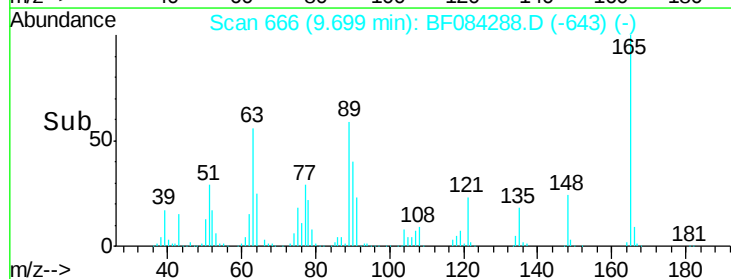
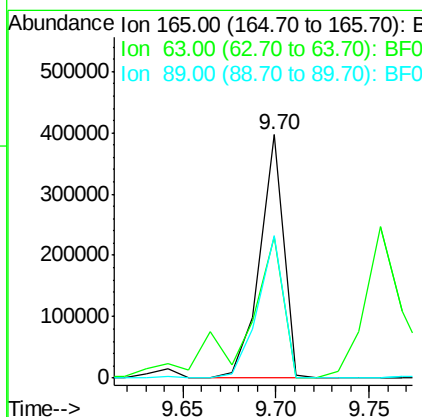
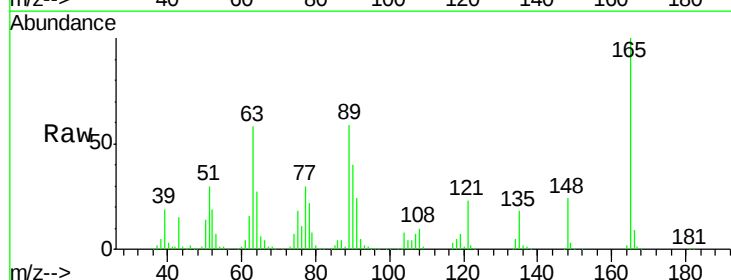
Manual Integrations
APPROVED

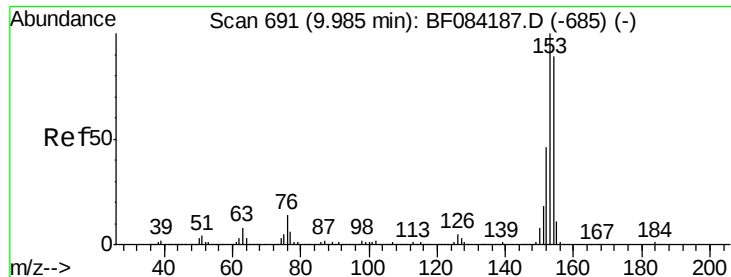
umangi
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#50
2,6-Dinitrotoluene
Concen: 47.01 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion:165 Resp: 349223
Ion Ratio Lower Upper
165 100
63 58.1 28.8 43.2#
89 58.7 35.1 52.7#





#51

Acenaphthene

Concen: 46.73 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion:154 Resp: 1369740

Ion Ratio Lower Upper

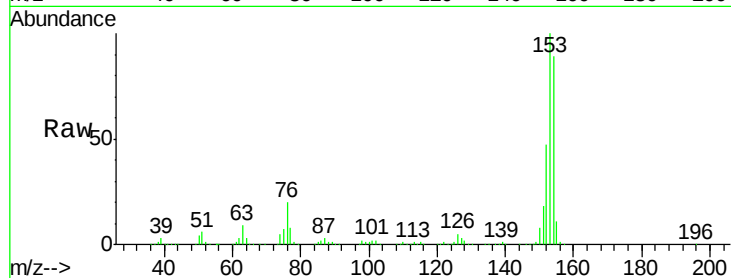
154 100

153 112.7 91.5 137.3

152 52.4 43.0 64.6

Manual Integrations
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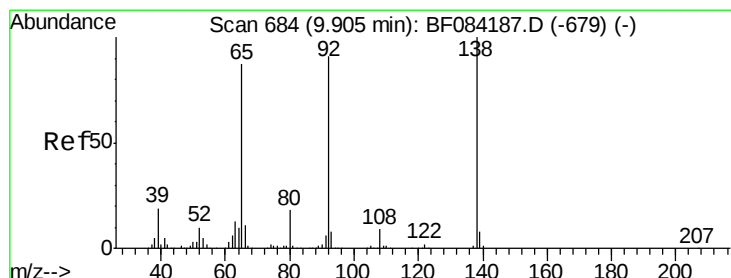
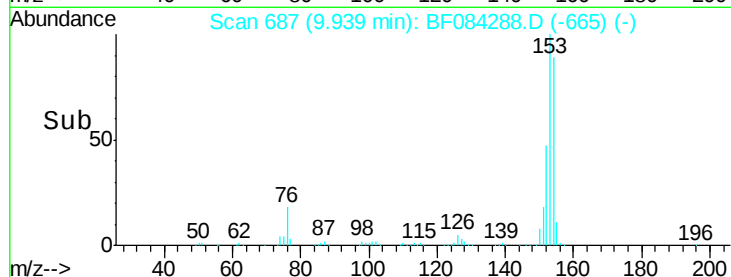
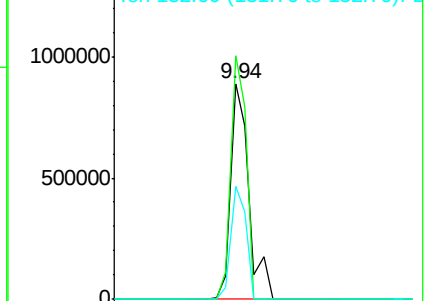
umangi
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.08 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

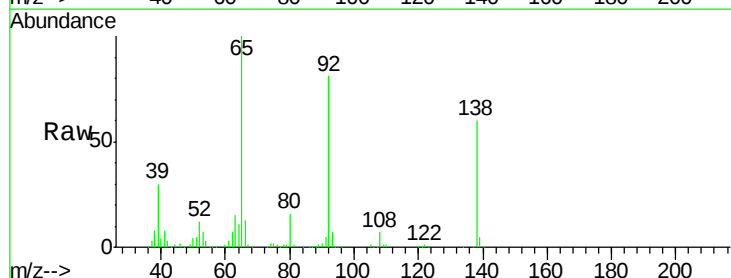
Tgt Ion:138 Resp: 166460

Ion Ratio Lower Upper

138 100

108 11.0 10.5 15.7

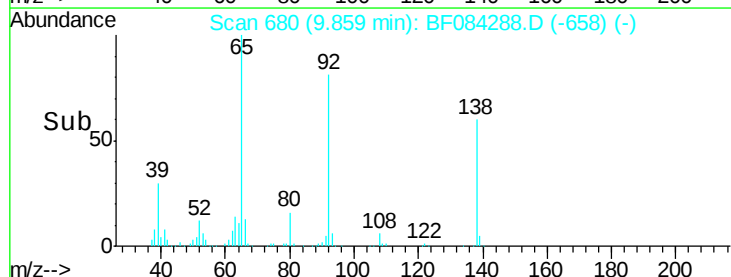
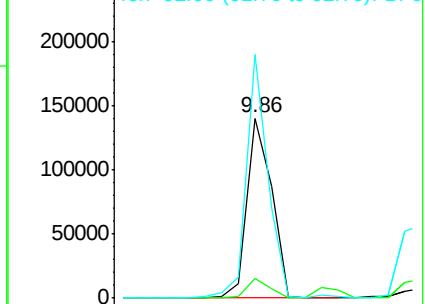
92 135.3 103.9 155.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





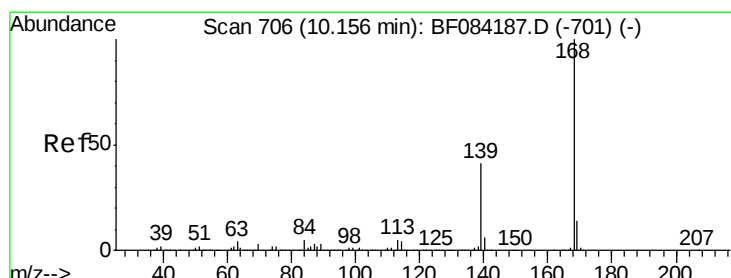
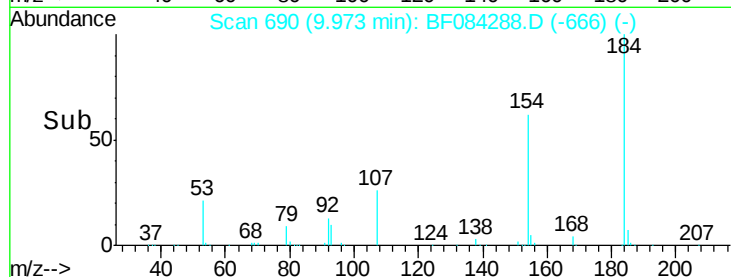
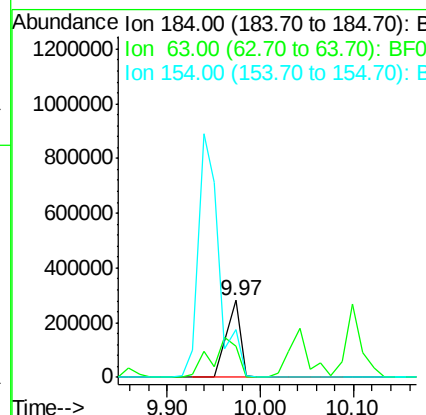
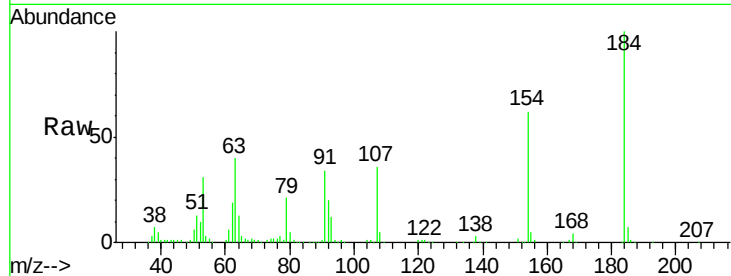
#53
2,4-Dinitrophenol
Concen: 92.93 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	296000		
63	40.1	43.1	64.7#	
154	62.4	60.5	90.7	

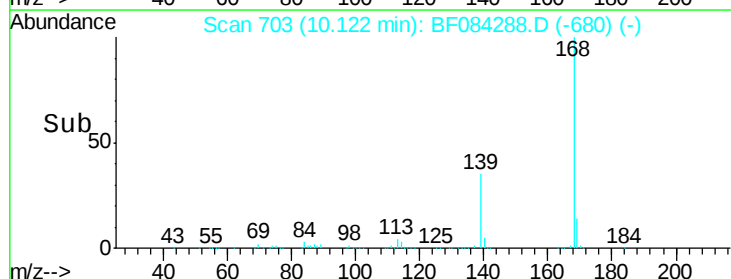
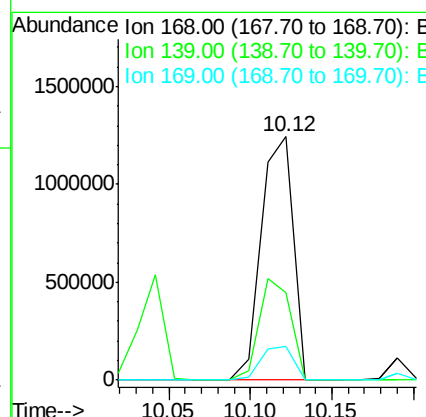
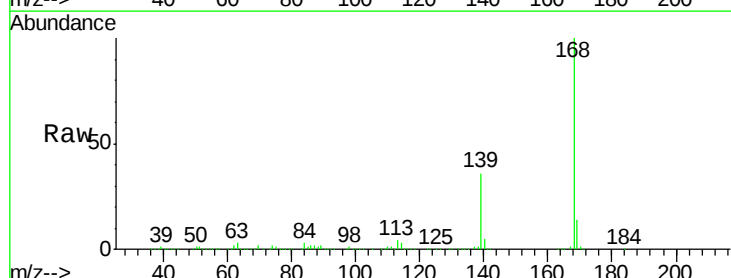
Manual Integrations
APPROVED

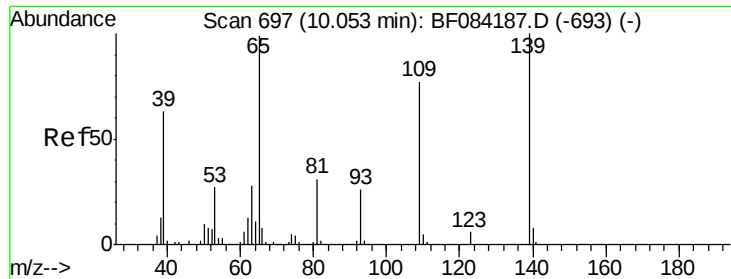
umangi
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#54
Dibenzofuran
Concen: 44.61 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1694532		
139	36.1	30.5	45.7	
169	13.8	10.4	15.6	





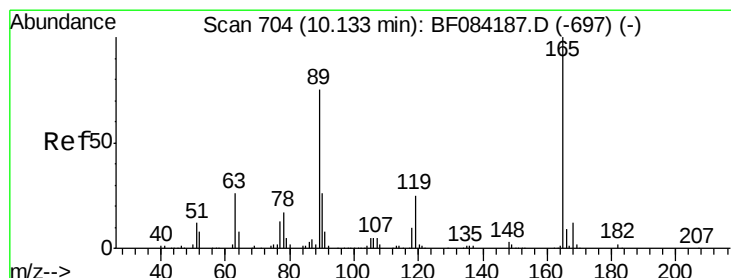
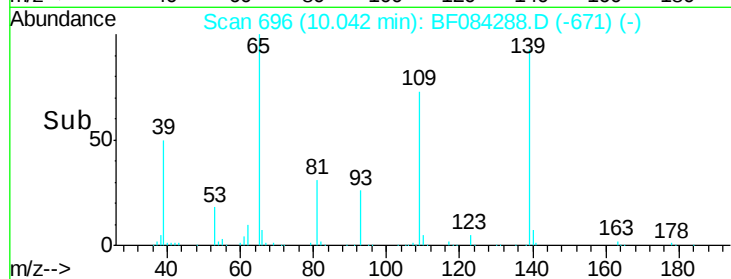
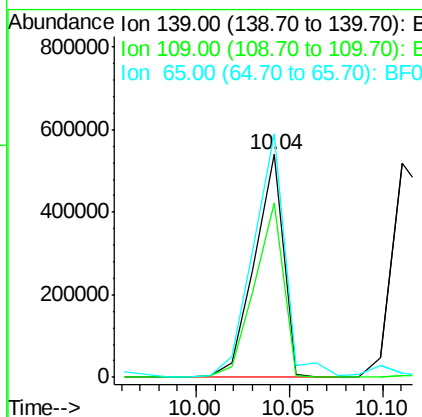
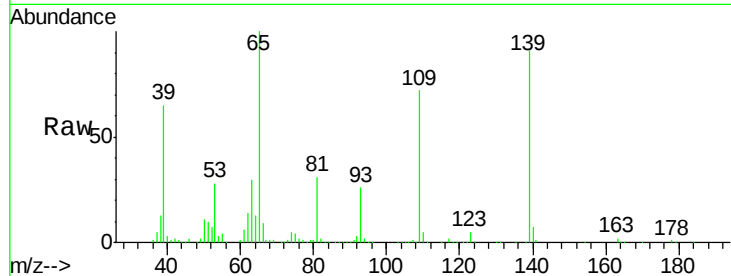
#55
4-Nitrophenol
Concen: 86.95 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	581004		
109	78.4	58.5	98.5	
65	109.3	57.6	97.6	

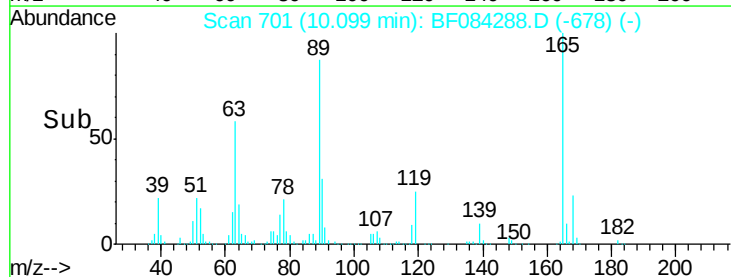
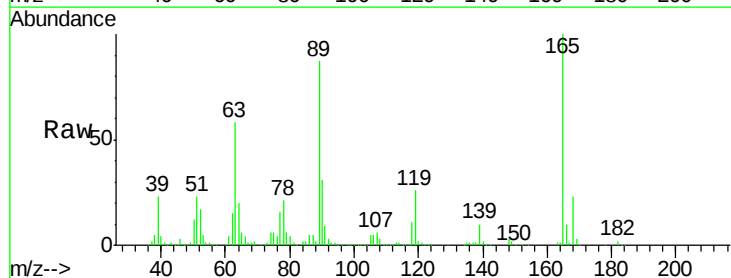
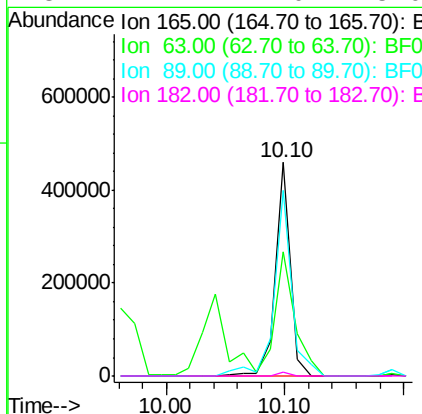
Manual Integrations
APPROVED

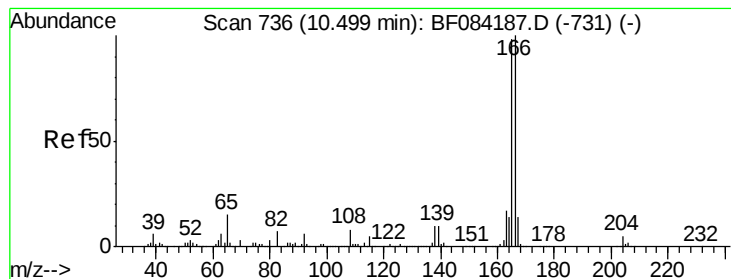
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#56
2,4-Dinitrotoluene
Concen: 42.66 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	401095		
63	58.2	36.7	55.1	
89	86.7	61.9	92.9	
182	2.1	2.0	3.0	





#57

Fluorene

Concen: 41.35 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion:166 Resp: 1219571

Ion Ratio Lower Upper

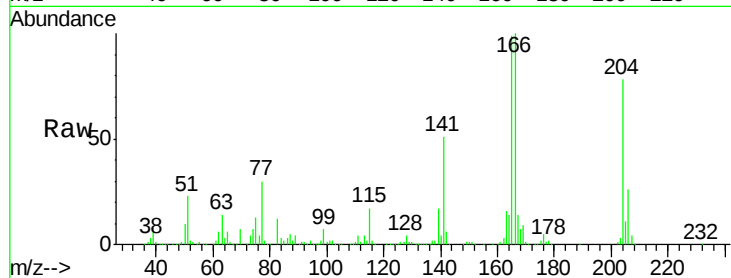
166 100

165 98.7 79.1 118.7

167 14.5 10.4 15.6

Manual Integrations
APPROVED

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Abundance

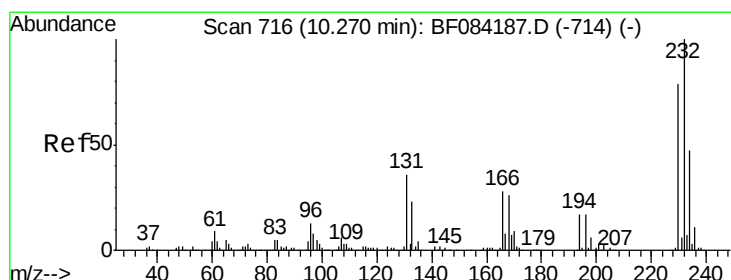
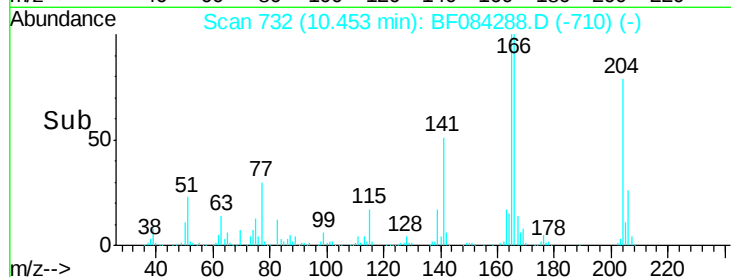
Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.45

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.32 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion:232 Resp: 361308

Ion Ratio Lower Upper

232 100

131 52.3 47.0 70.6

130 2.5 2.0 3.0

166 34.1 30.5 45.7

Abundance

Ion 232.00 (231.70 to 232.70): E

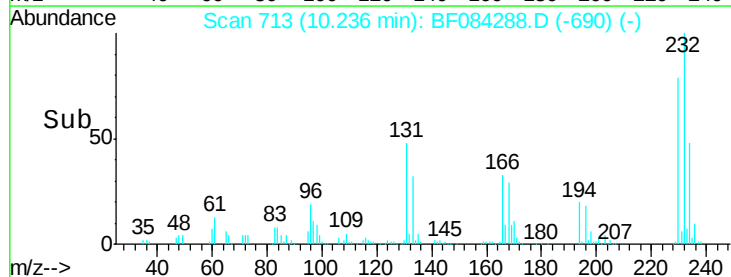
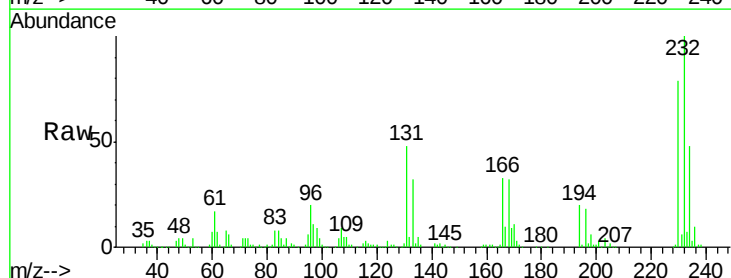
Ion 131.00 (130.70 to 131.70): E

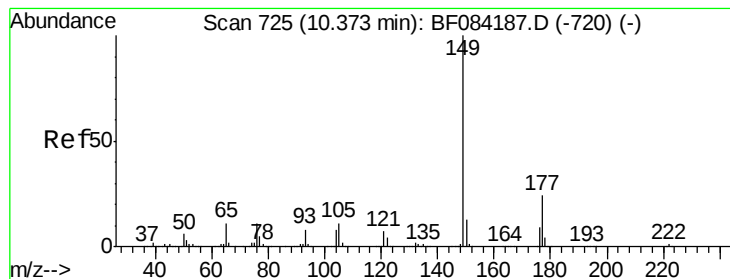
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.24

Time-->





#59

Diethylphthalate

Concen: 43.08 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion:149 Resp: 1438659

Ion Ratio Lower Upper

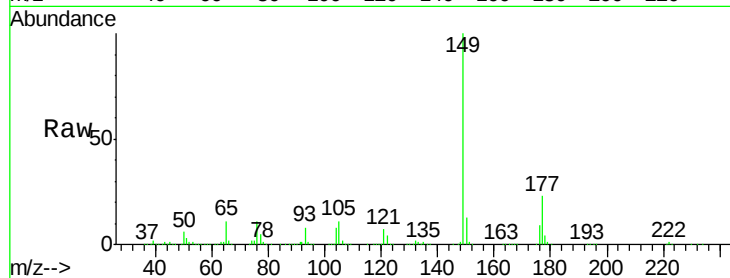
149 100

177 22.8 17.3 25.9

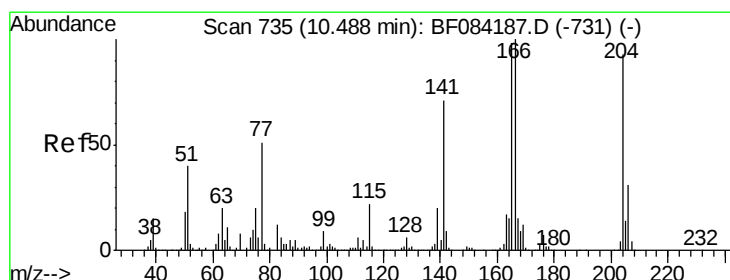
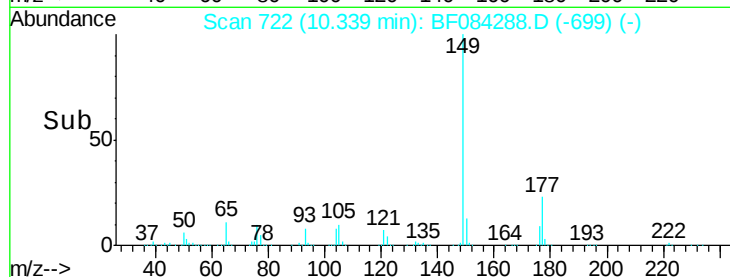
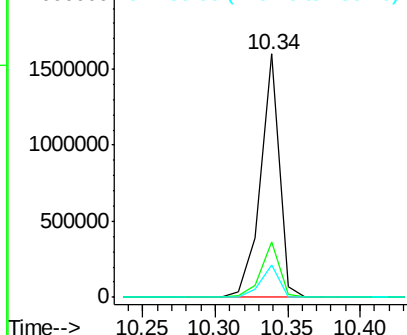
150 13.3 9.8 14.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.34 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

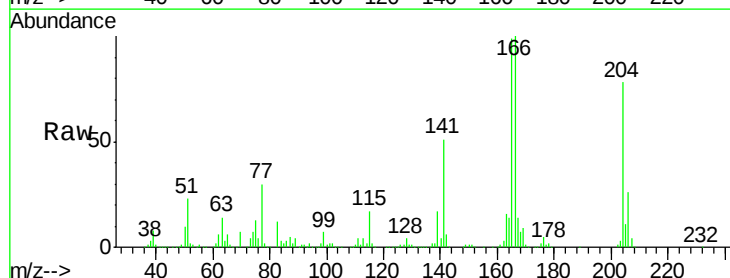
Tgt Ion:204 Resp: 632340

Ion Ratio Lower Upper

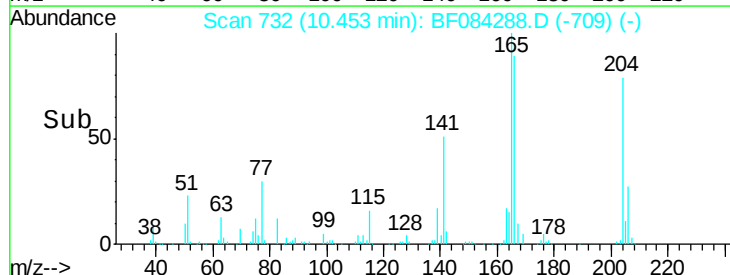
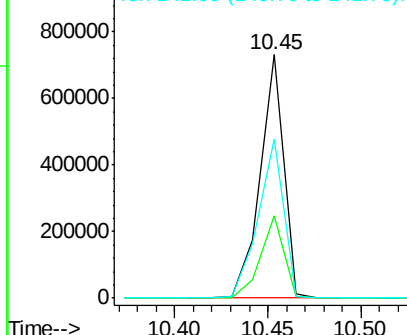
204 100

206 33.6 25.7 38.5

141 65.3 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.51 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

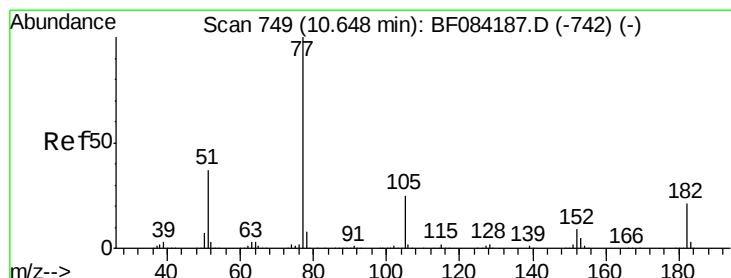
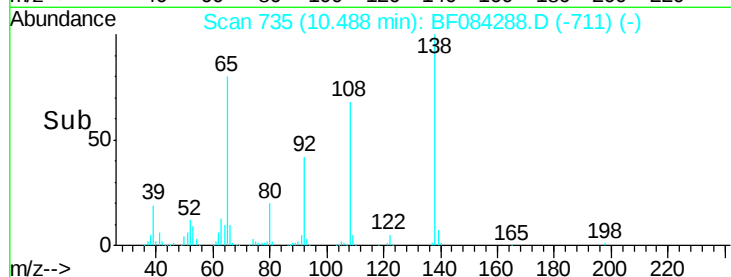
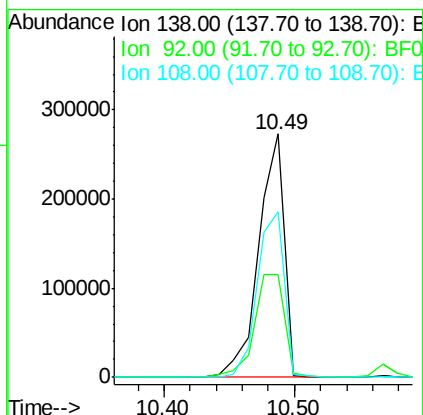
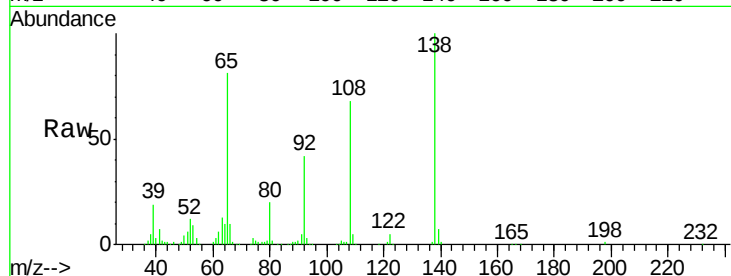
ClientSampleId :

PB87652BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.3	32.6	72.6
108	67.9	68.6	108.6

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#62

Azobenzene

Concen: 44.42 ng

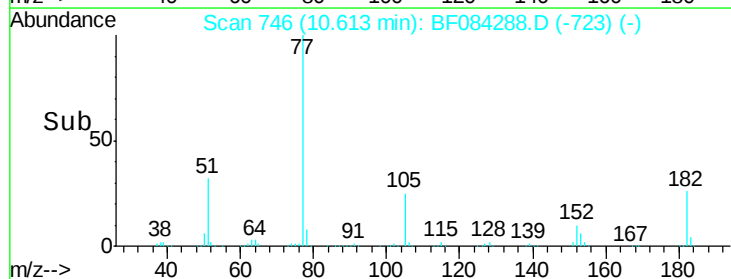
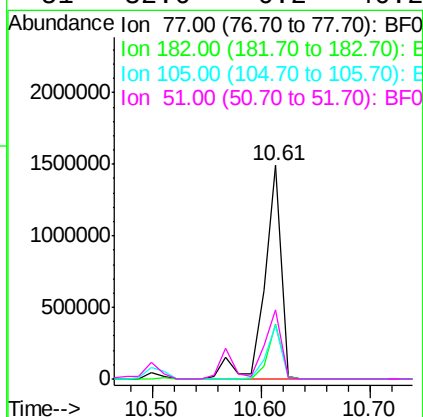
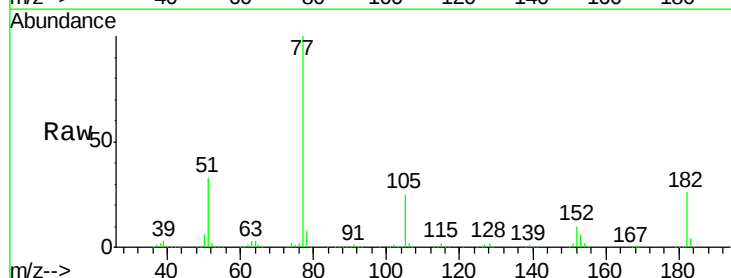
RT: 10.61 min Scan# 746

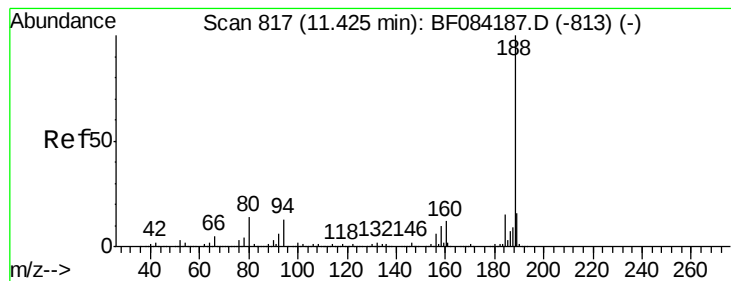
Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.0	8.3	48.3
105	24.9	4.6	44.6
51	32.6	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

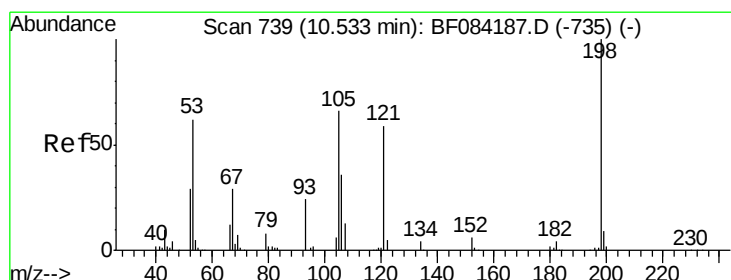
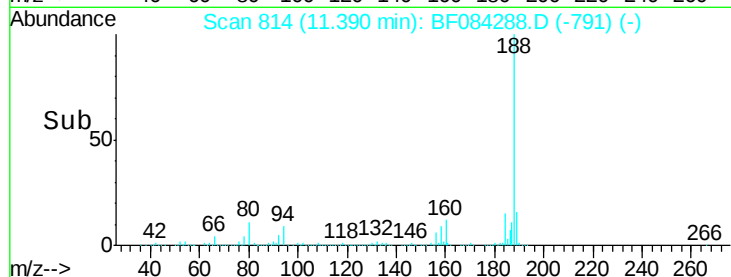
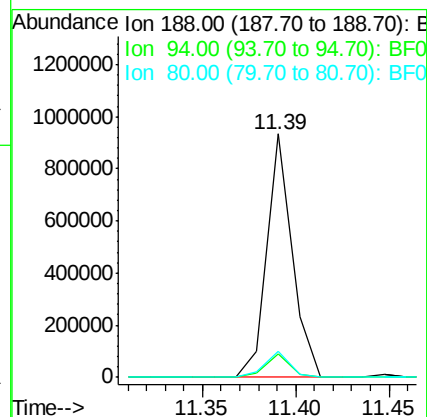
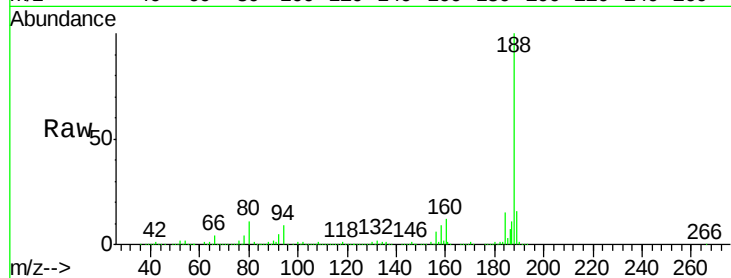
ClientSampleId :

PB87652BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	869719		
94	9.4		9.0	13.4
80	10.9		9.6	14.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.05 ng

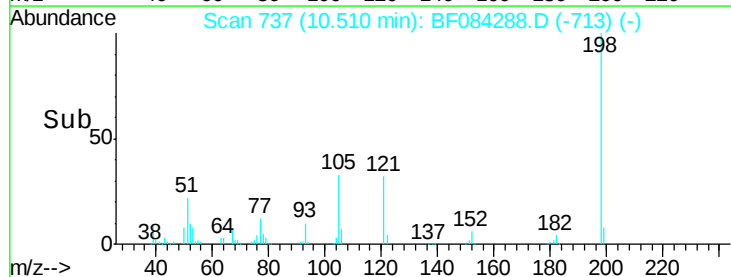
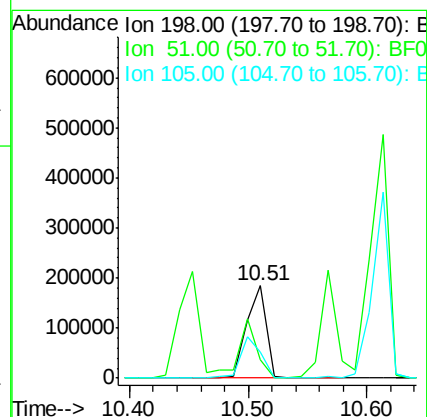
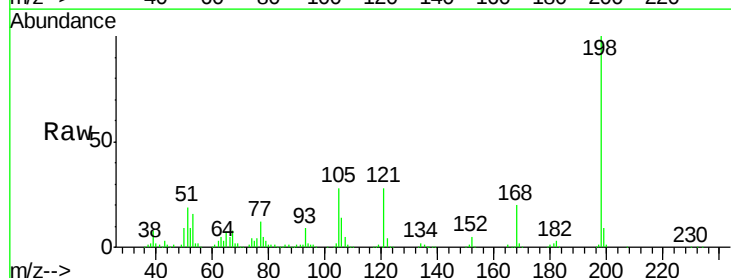
RT: 10.51 min Scan# 737

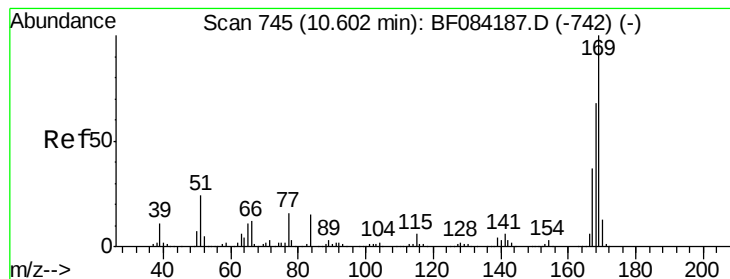
Delta R.T. -0.02 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	212781		
51	19.3		18.9	58.9
105	27.9		26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 40.40 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion:169 Resp: 1123405

Ion Ratio Lower Upper

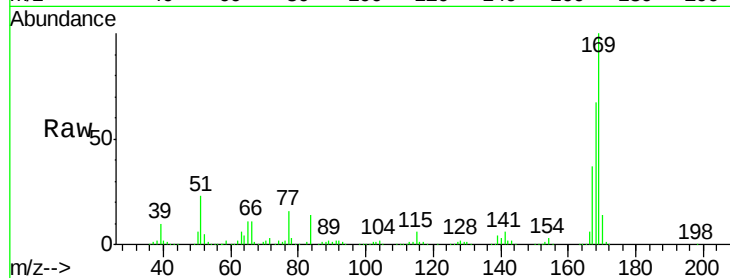
169 100

168 67.3 55.1 82.7

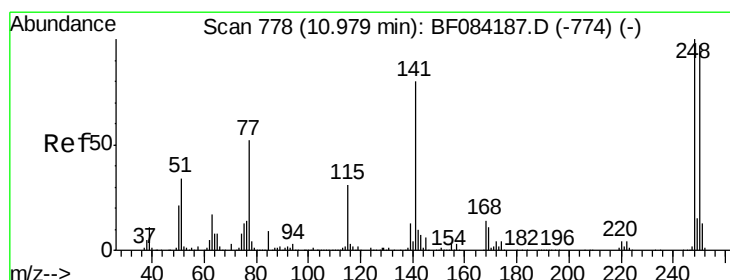
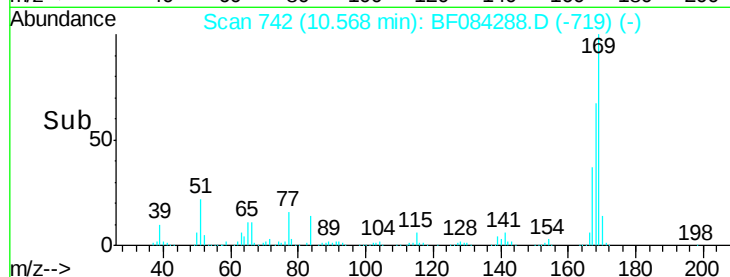
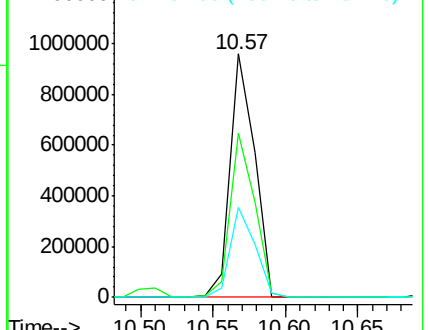
167 37.1 30.0 45.0

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



#66

4-Bromophenyl-phenylether

Concen: 44.11 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

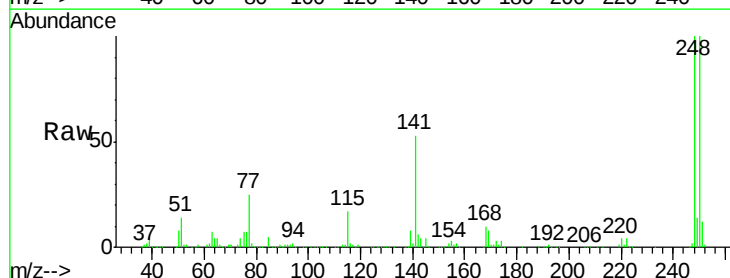
Tgt Ion:248 Resp: 412872

Ion Ratio Lower Upper

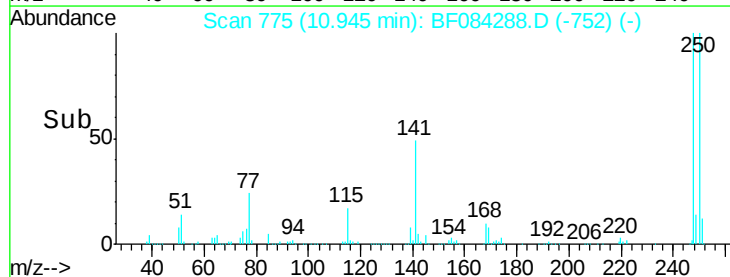
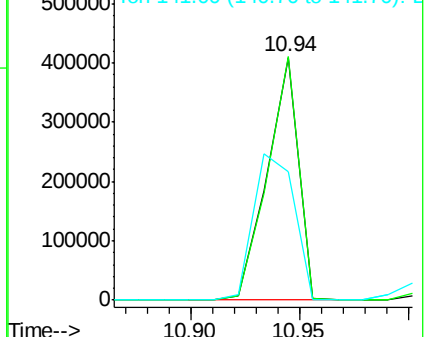
248 100

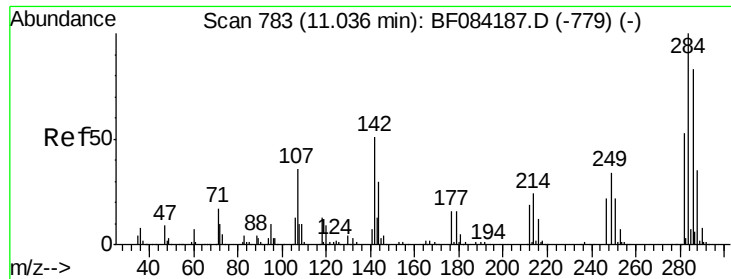
250 100.4 78.4 117.6

141 53.0 44.0 66.0



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





#67

Hexachlorobenzene

Concen: 39.32 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

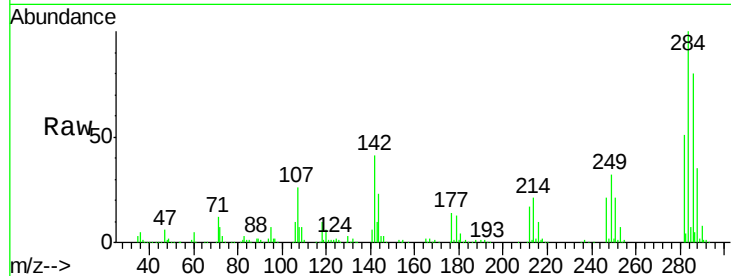
ClientSampleId :

PB87652BS

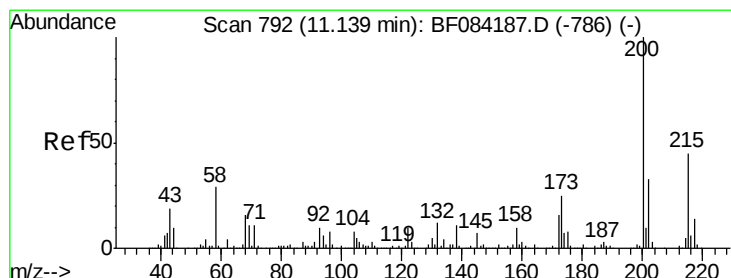
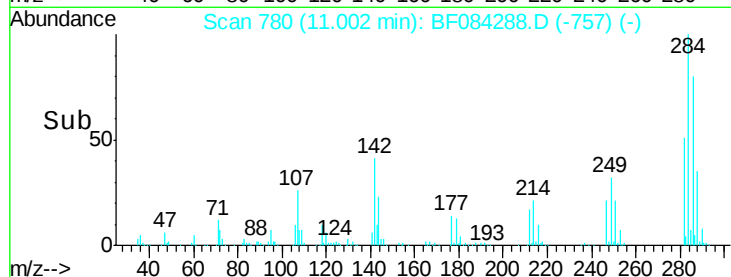
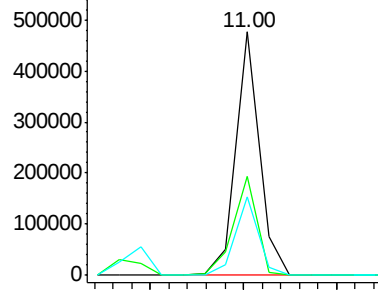
Tot Ion:	284	Resp:	414285
Ion Ratio	Lower	Upper	
284	100		
142	40.7	22.2	33.4#
249	32.0	24.6	37.0

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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: 48.01 ng

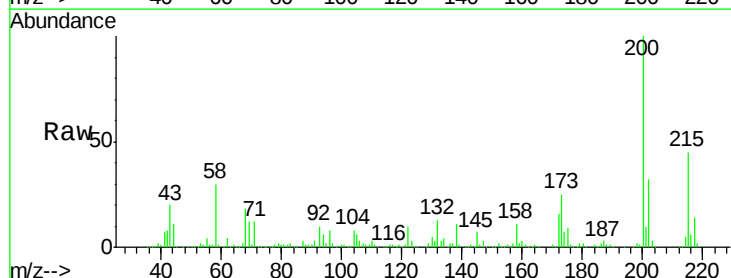
RT: 11.10 min Scan# 789

Delta R.T. -0.03 min

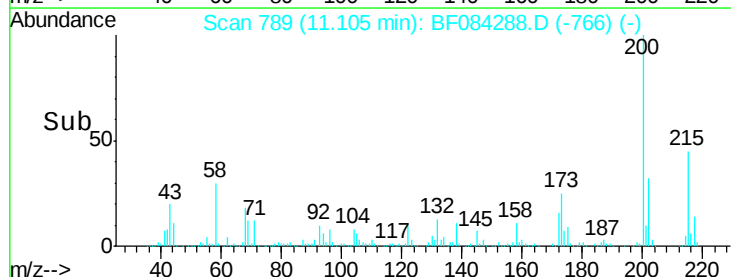
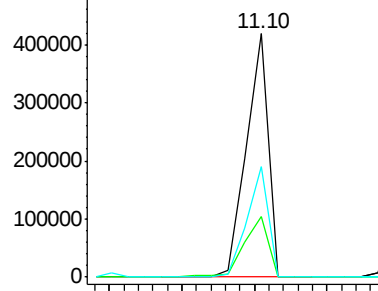
Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion:	200	Resp:	436881
Ion Ratio	Lower	Upper	
200	100		
173	24.6	9.5	49.5
215	45.4	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: 71.47 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

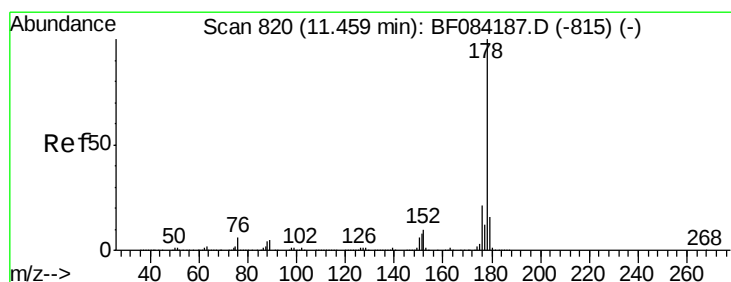
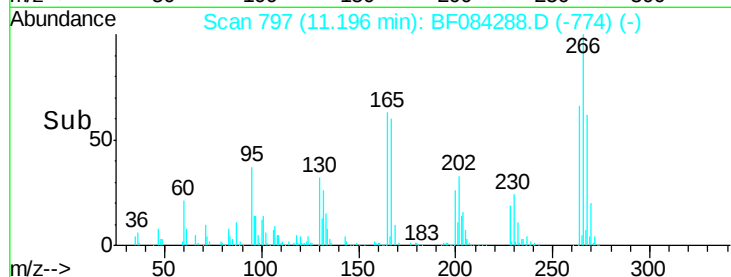
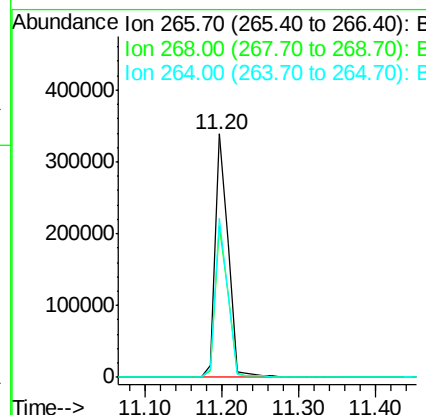
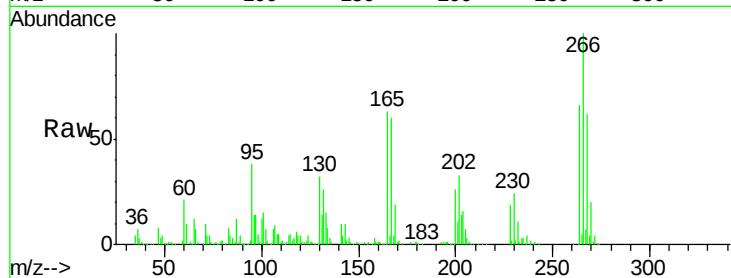
ClientSampleId :

PB87652BS

Tot Ion:	266	Resp:	390454
Ion Ratio	Lower	Upper	
266	100		
268	62.1	52.4	78.6
264	65.5	50.2	75.2

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#70

Phenanthrene

Concen: 42.69 ng

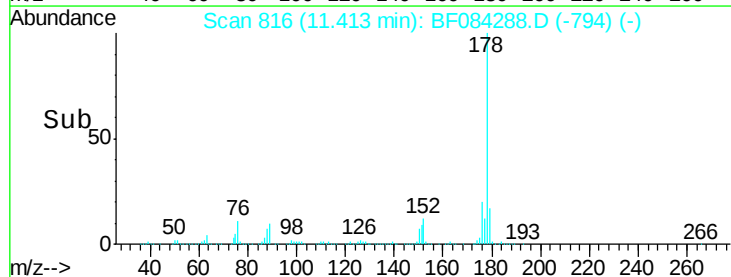
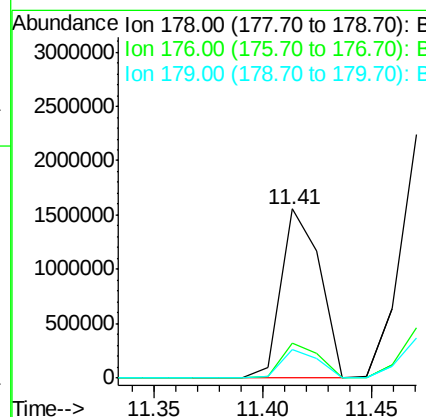
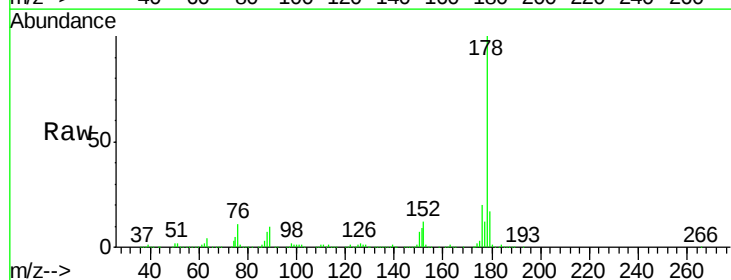
RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Tgt Ion:	178	Resp:	1942067
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.3	22.9
179	16.6	12.0	18.0





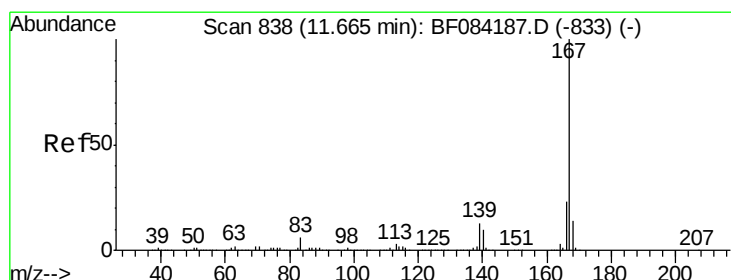
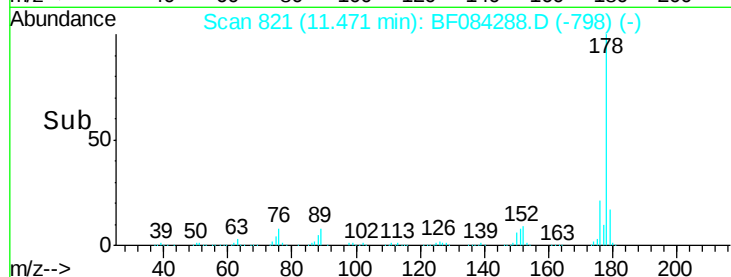
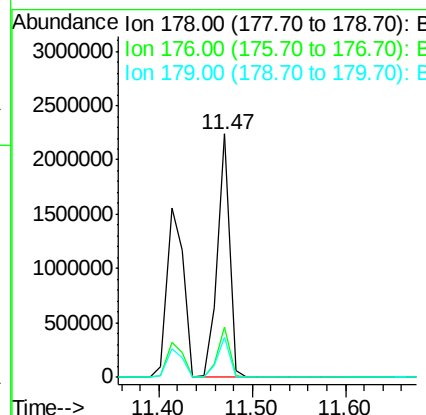
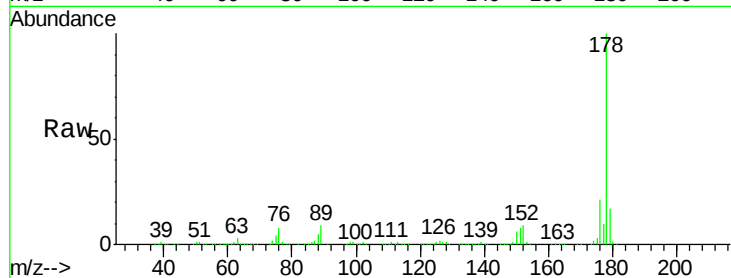
#71
 Anthracene
 Concen: 45.78 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87652BS

Tot Ion:178 Resp: 2041522
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.0
 179 16.7 12.5 18.7

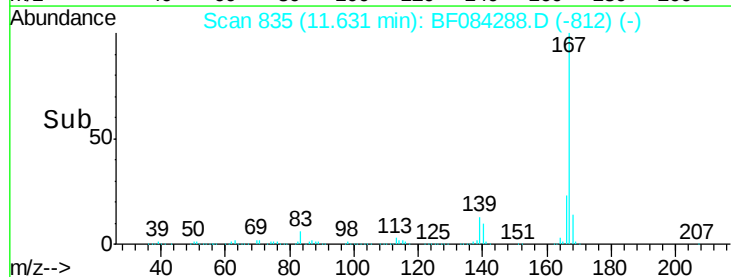
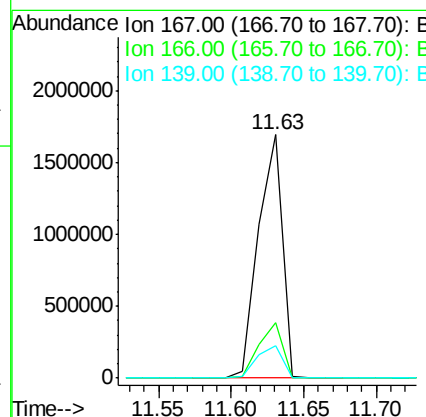
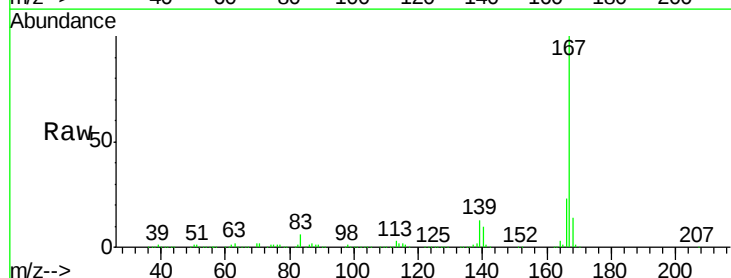
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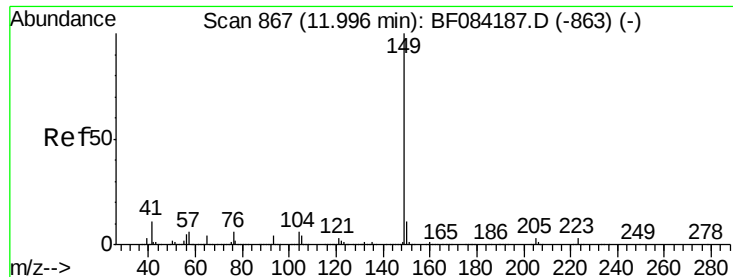
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#72
 Carbazole
 Concen: 44.39 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Tgt Ion:167 Resp: 1935255
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 50.23 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion:149 Resp: 2260640

Ion Ratio Lower Upper

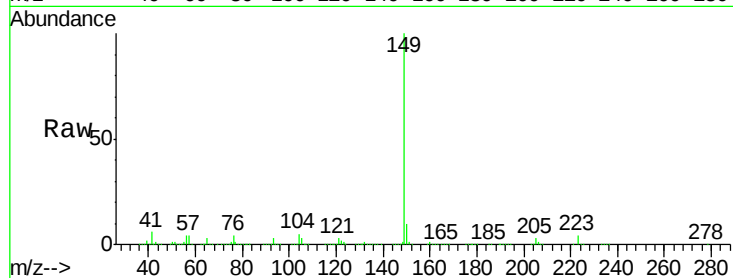
149 100

150 10.0 7.1 10.7

104 5.0 3.2 4.8#

Manual Integrations
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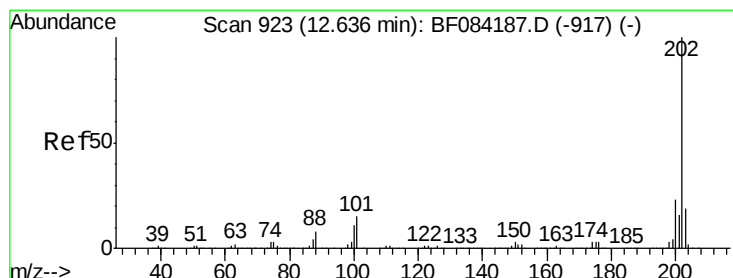
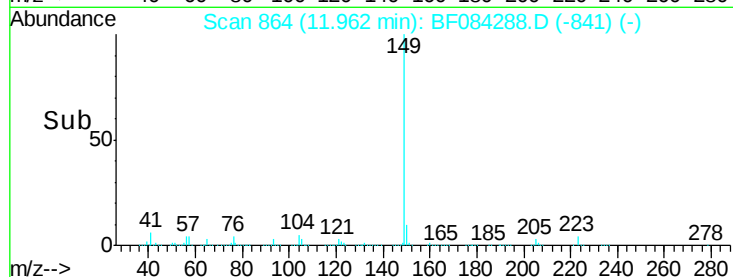
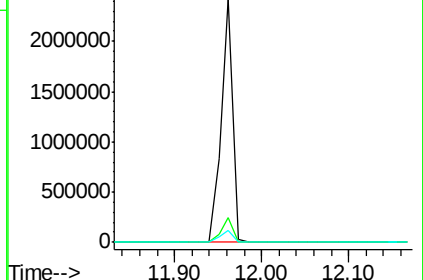
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.43 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

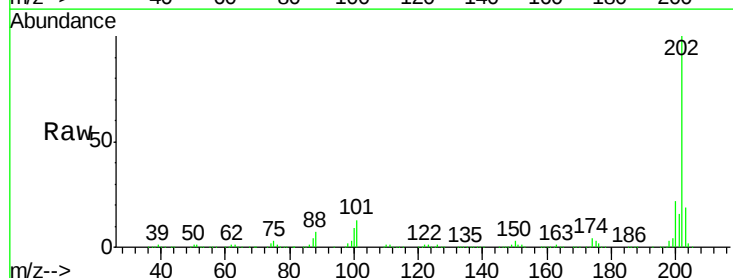
Tgt Ion:202 Resp: 1873818

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.8

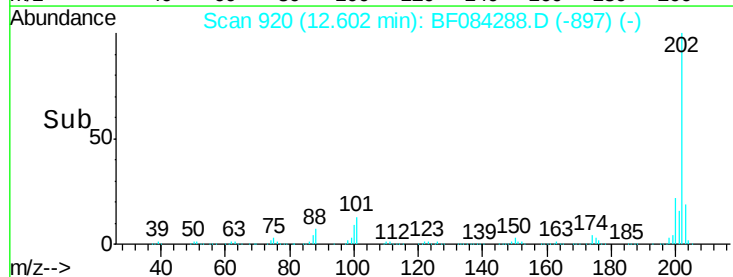
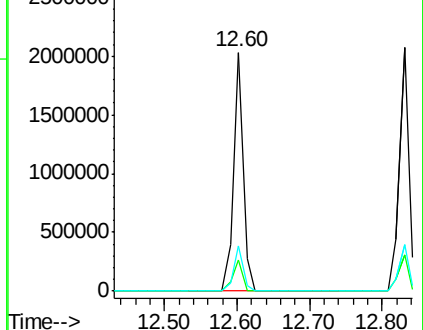
203 19.1 0.0 37.9

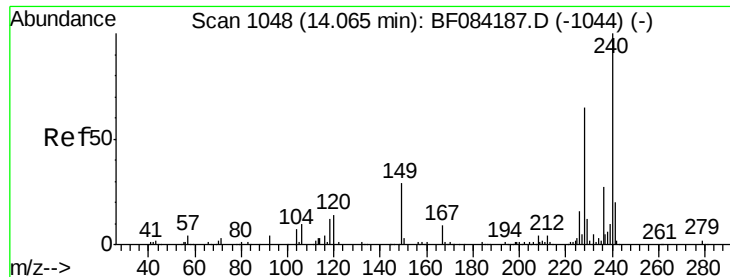


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

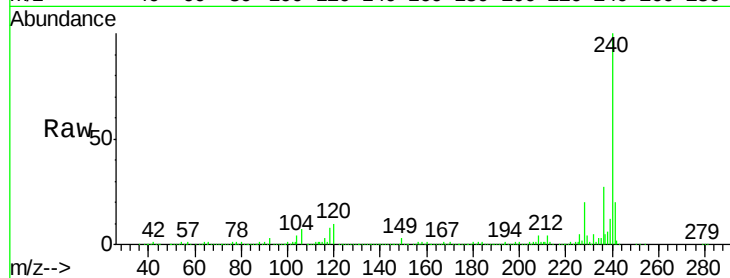
ClientSampleId :

PB87652BS

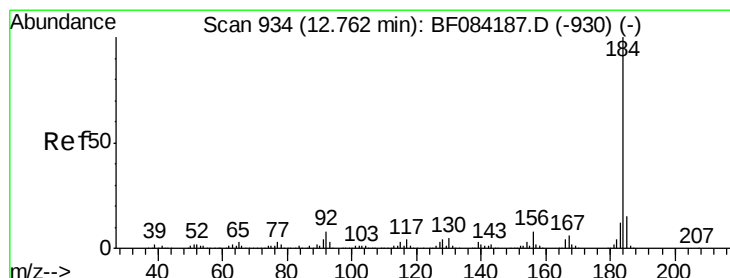
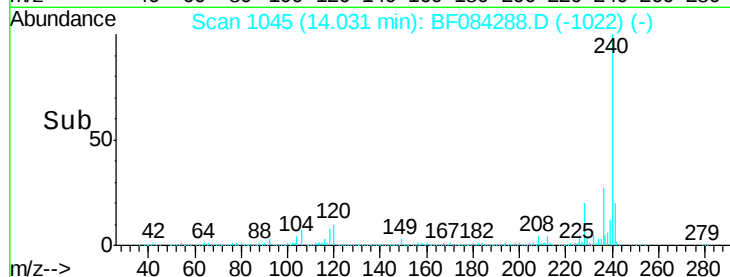
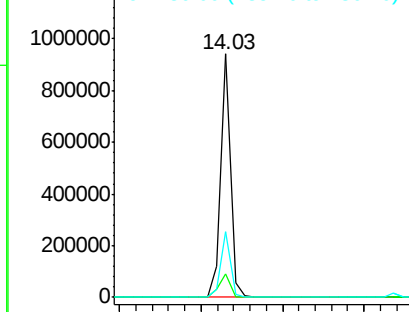
Tot Ion:	240	Resp:	778736
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	26.9	20.6	31.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.25 ng

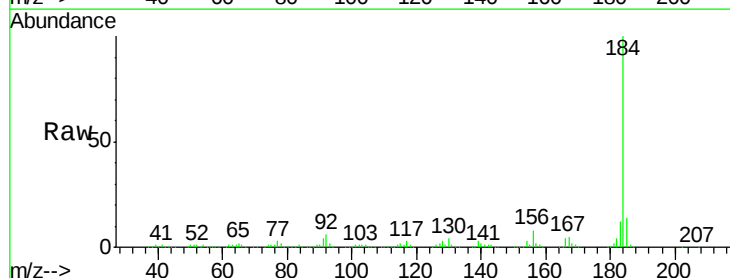
RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

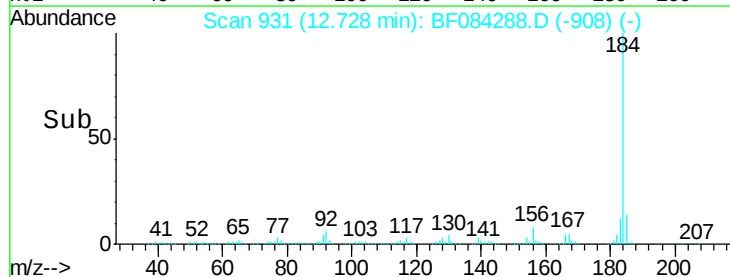
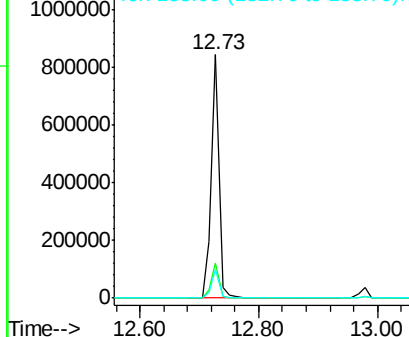
Lab File: BF084288.D

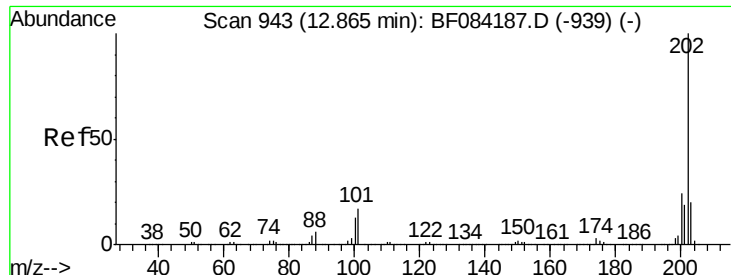
Acq: 6 Jan 2016 14:27

Tgt Ion:	184	Resp:	760765
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.2
183	11.6	9.8	14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





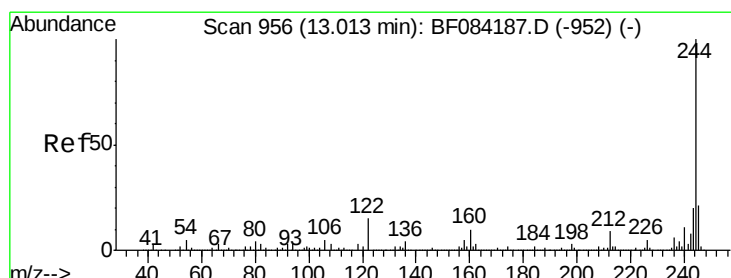
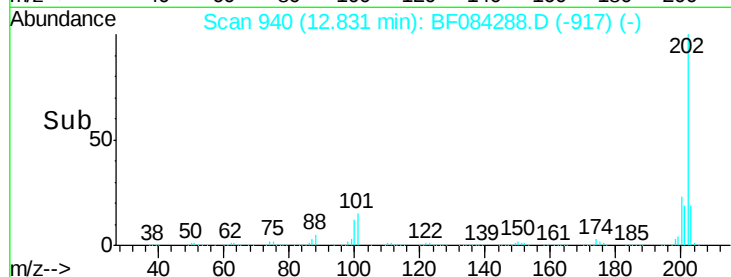
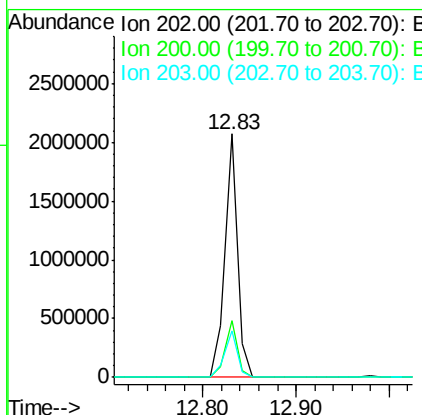
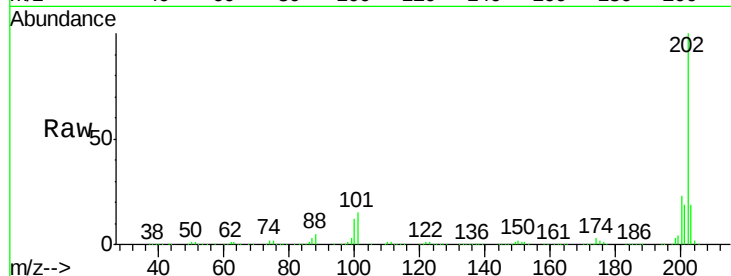
#77
Pvrene
Concen: 31.72 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.2	25.8
203	18.8	14.3	21.5

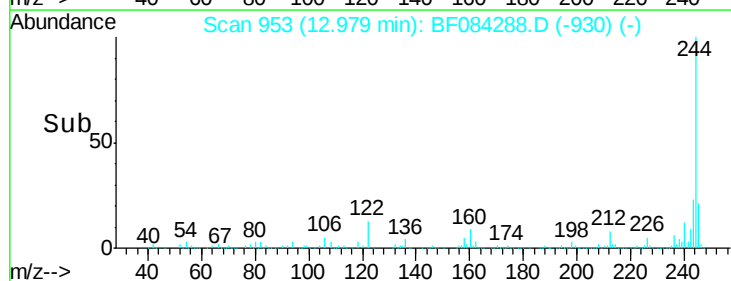
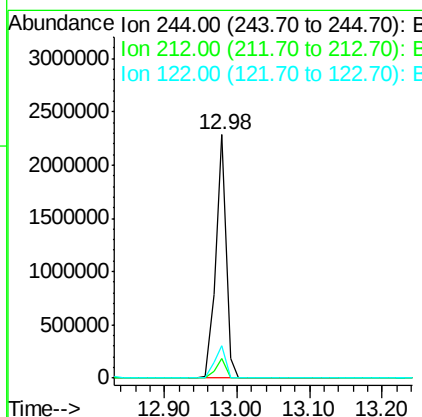
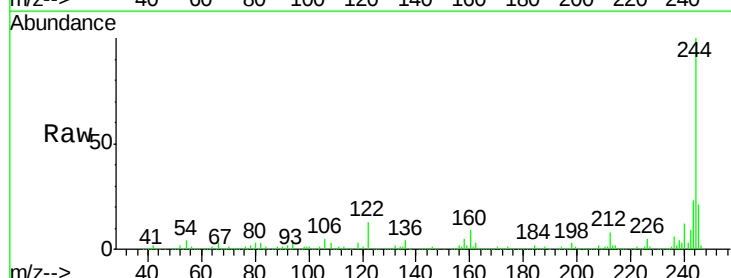
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#78
Terphenyl-d14
Concen: 64.66 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.7	8.5
122	13.3	7.4	11.0





#79

Butylbenzylphthalate

Concen: 38.18 ng

RT: 13.46 min Scan# 995

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion:149 Resp: 1009627

Ion Ratio Lower Upper

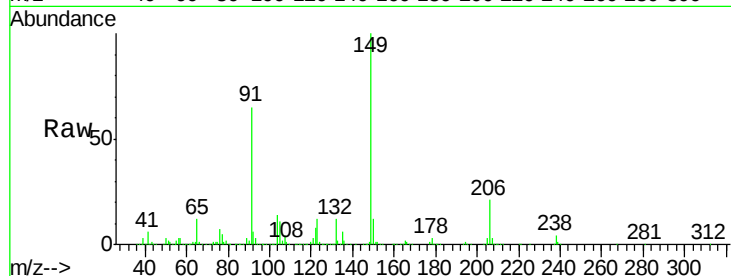
149 100

91 64.7 57.6 86.4

206 21.1 13.2 19.8#

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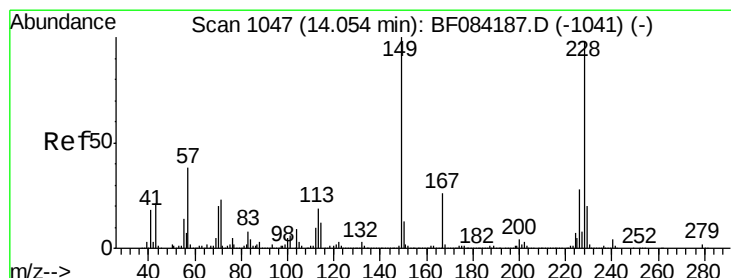
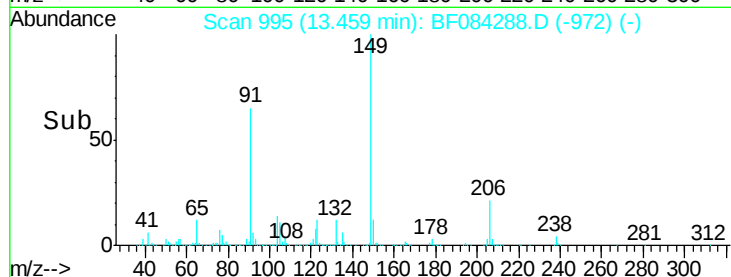
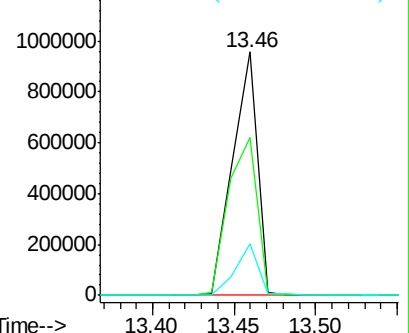
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.93 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

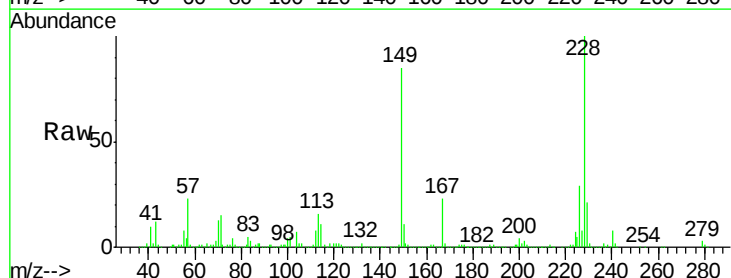
Tgt Ion:228 Resp: 1643060

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.6

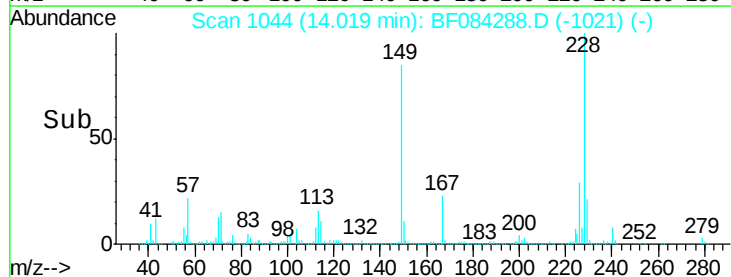
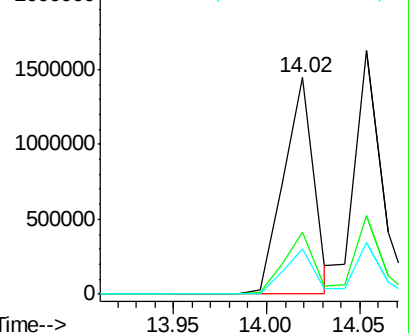
229 20.8 15.8 23.8

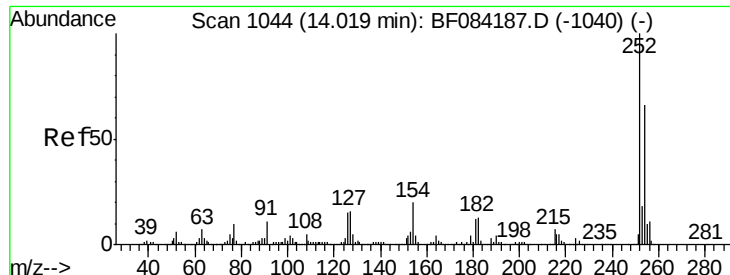


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





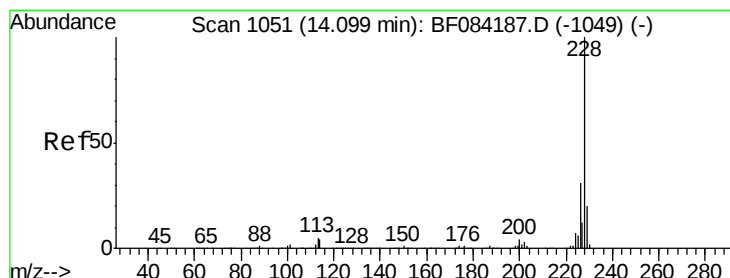
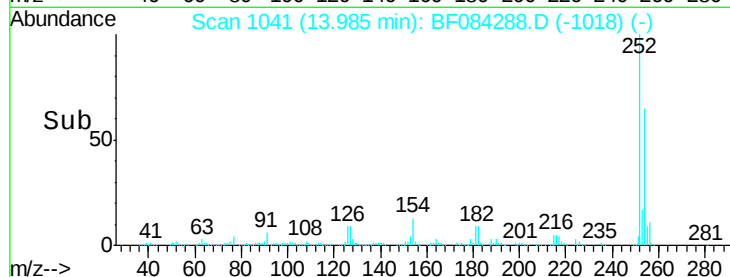
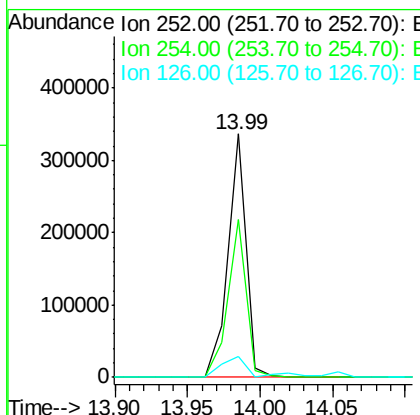
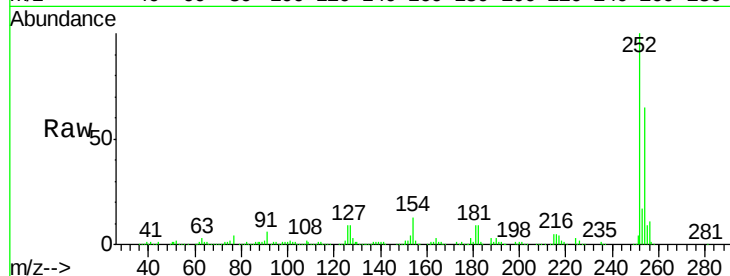
#81
 3,3'-Dichlorobenzidine
 Concen: 18.29 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87652BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	53.5	80.3
126	8.6	4.9	7.3

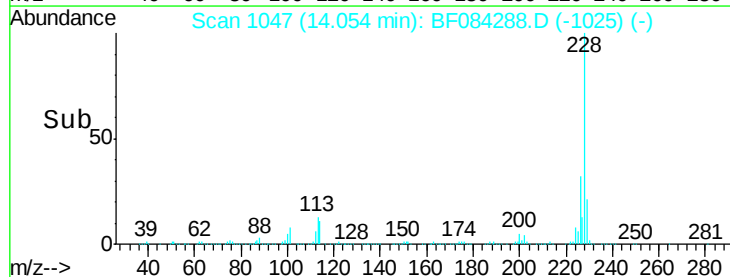
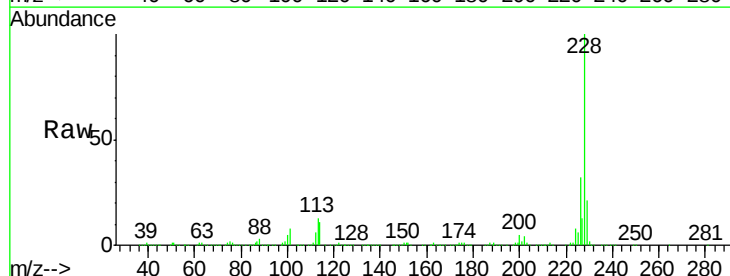
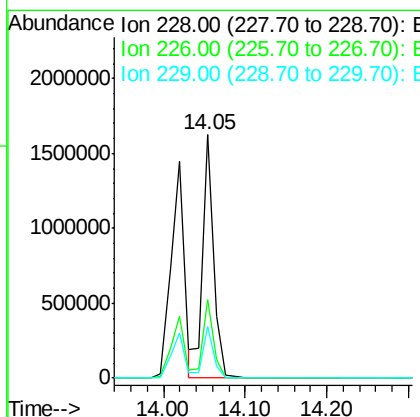
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#82
 Chrysene
 Concen: 35.57 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.5	24.3	36.5
229	21.4	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.32 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

Instrument :

BNA_F

ClientSampleId :

PB87652BS

Tot Ion:149 Resp: 1246956

Ion Ratio Lower Upper

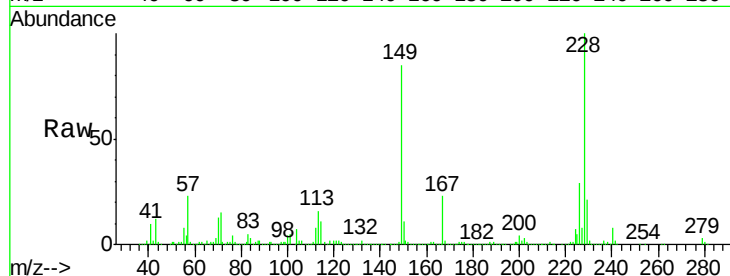
149 100

167 27.1 19.7 29.5

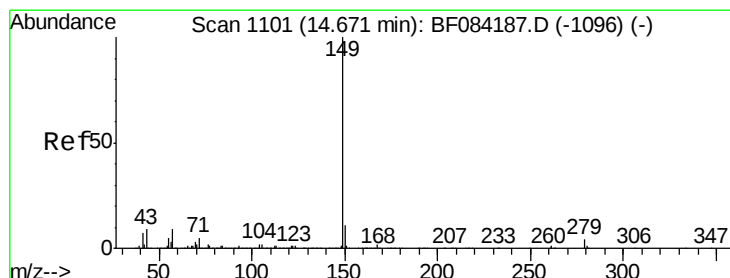
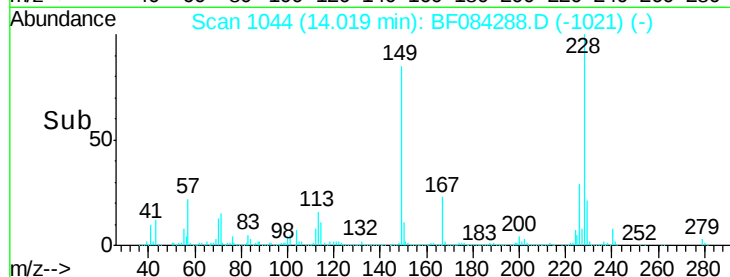
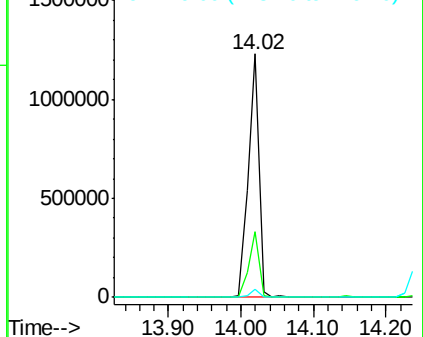
279 3.5 1.8 2.6#

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



#84

Di-n-octyl phthalate

Concen: 37.19 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF084288.D

Acq: 6 Jan 2016 14:27

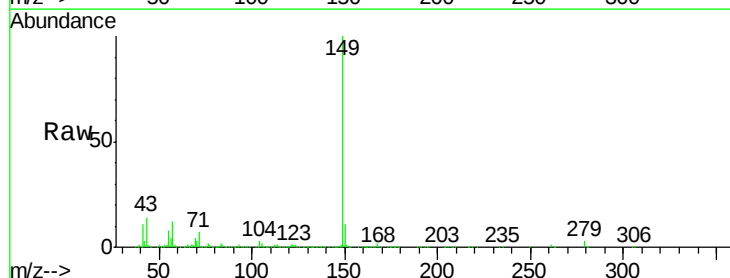
Tgt Ion:149 Resp: 2097394

Ion Ratio Lower Upper

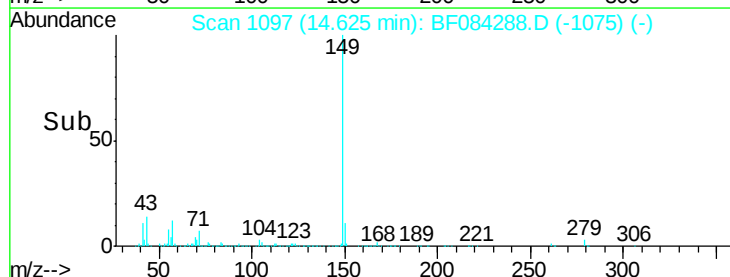
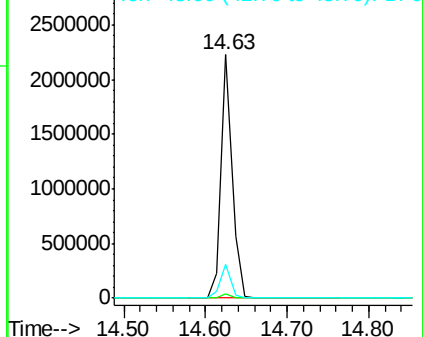
149 100

167 1.7 1.2 1.8

43 13.0 5.6 8.4#



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





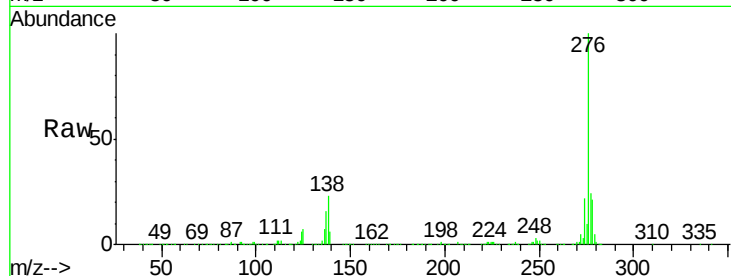
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.00 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.07 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

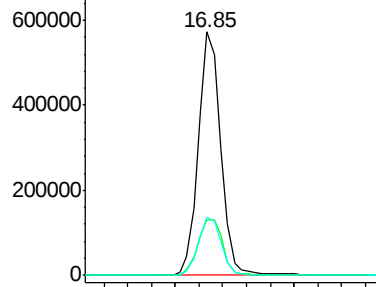
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.6	30.8
277	24.8	20.1	30.1

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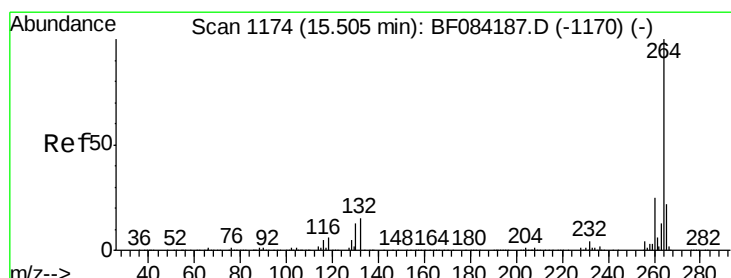
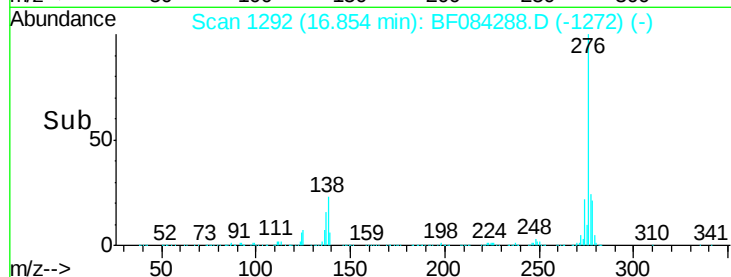
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

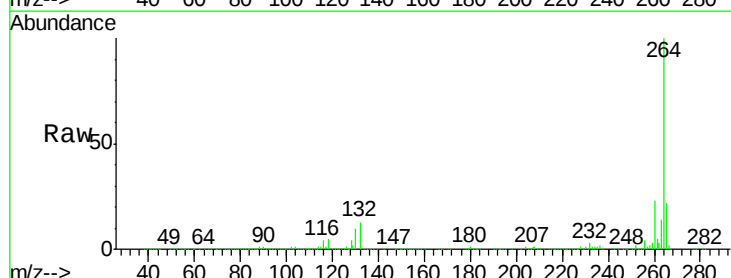


Time-->

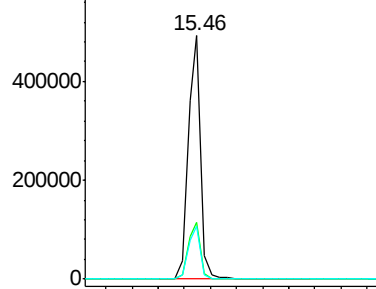


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

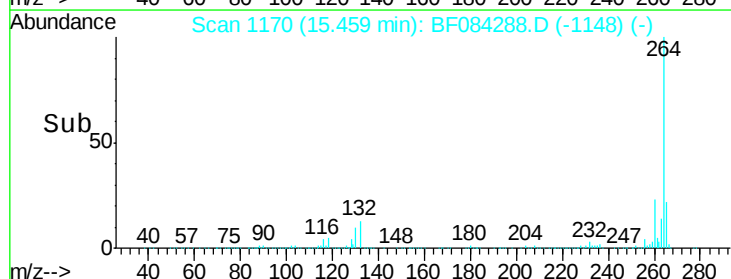
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.9	17.8	26.6

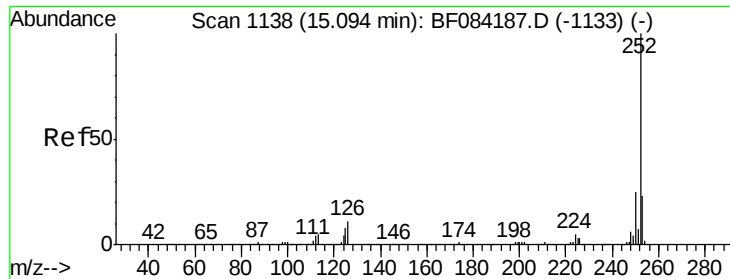


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





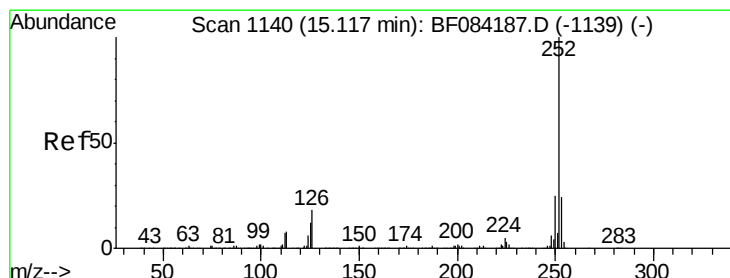
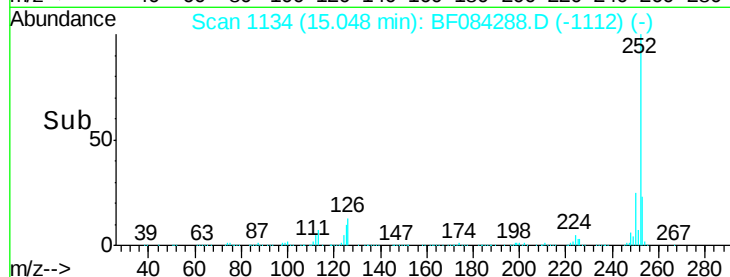
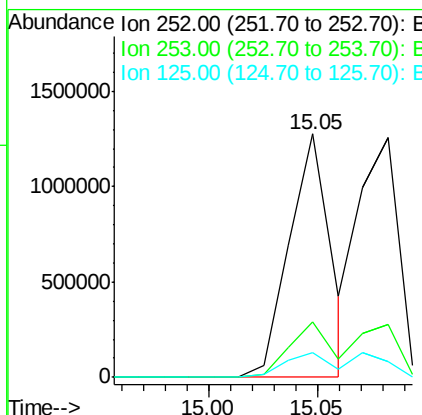
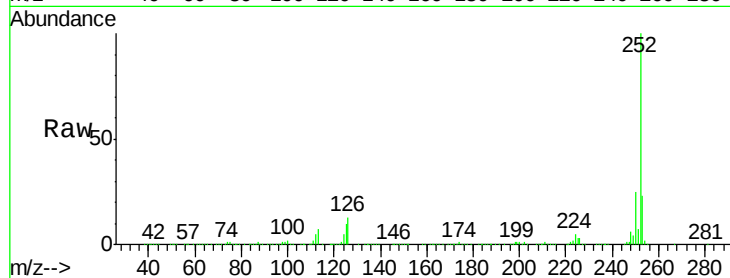
#87
Benzo(b)fluoranthene
Concen: 39.24 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion:252 Resp: 1689365
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.0 6.5 9.7#

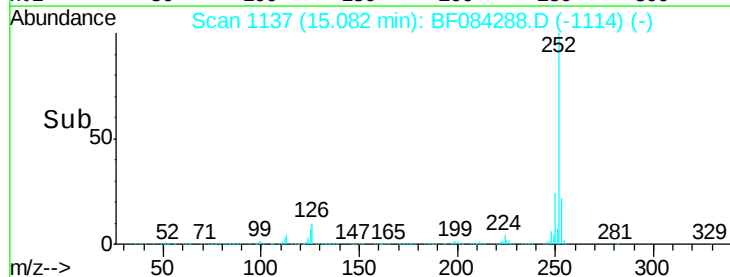
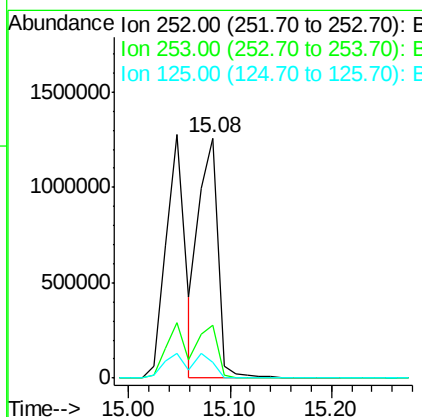
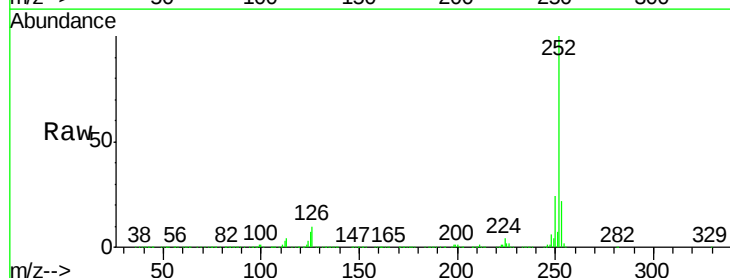
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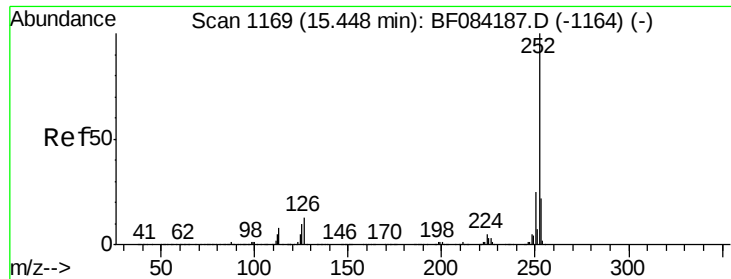
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#88
Benzo(k)fluoranthene
Concen: 46.55 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion:252 Resp: 1638743
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 6.6 9.0 13.6#





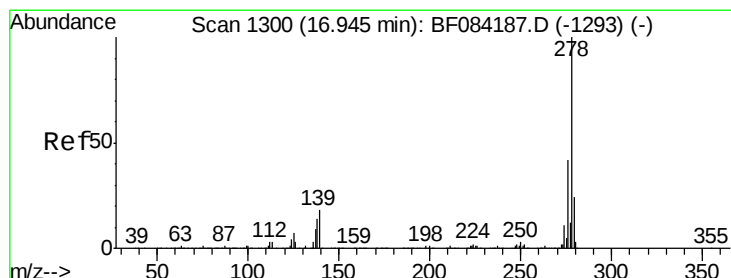
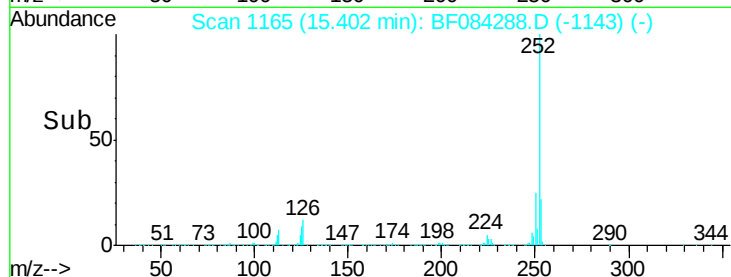
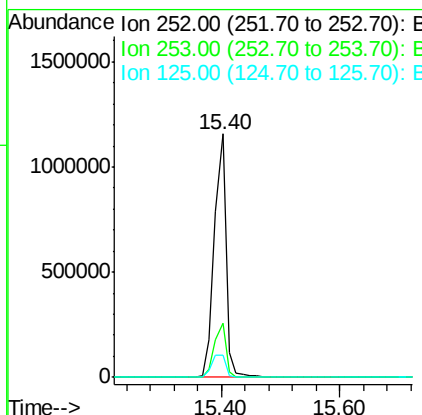
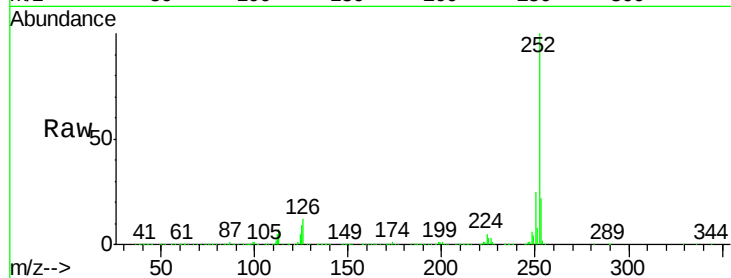
#89
Benzo(a)pyrene
Concen: 43.28 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Instrument :
BNA_F
ClientSampleId :
PB87652BS

Tot Ion:252 Resp: 1580343
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.2 7.0 10.4

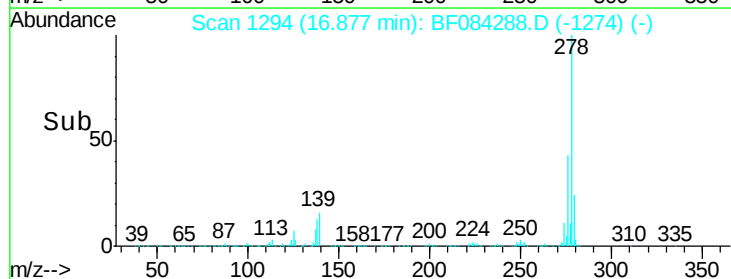
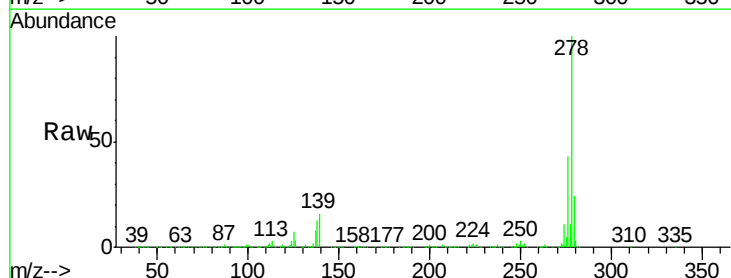
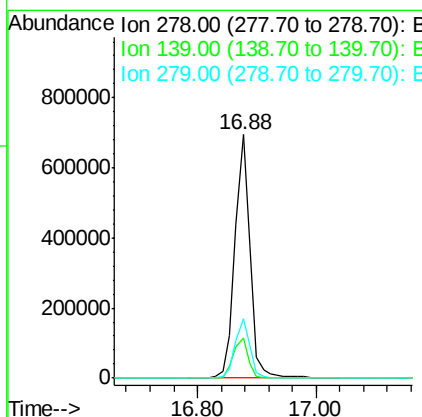
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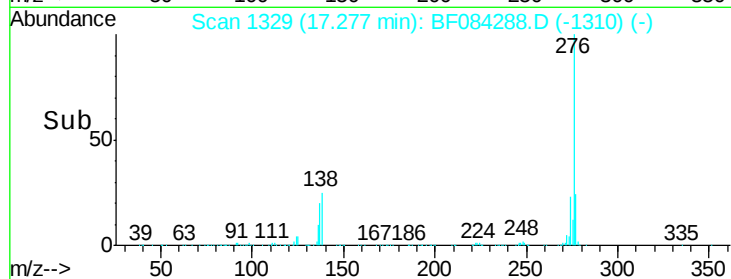
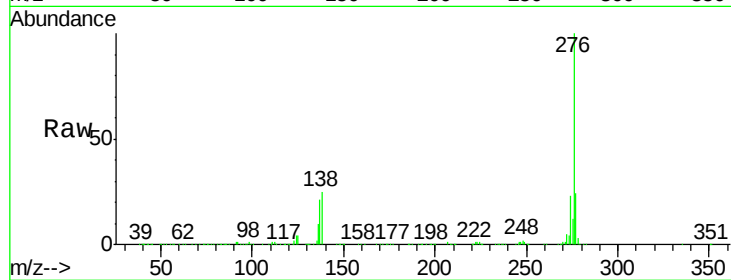
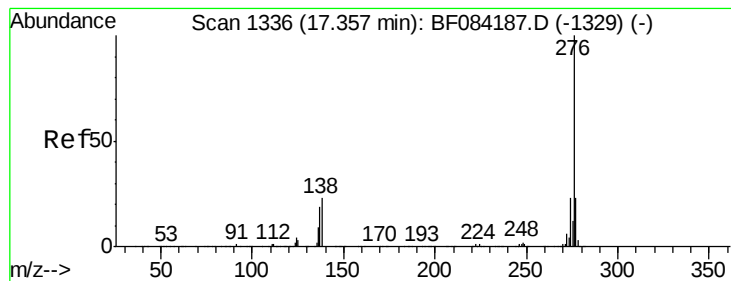
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#90
Dibenzo(a,h)anthracene
Concen: 39.25 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084288.D
Acq: 6 Jan 2016 14:27

Tgt Ion:278 Resp: 1233143
Ion Ratio Lower Upper
278 100
139 16.3 15.0 22.4
279 24.1 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 37.73 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.08 min
 Lab File: BF084288.D
 Acq: 6 Jan 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87652BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	24.8	17.8	26.6

Manual Integrations
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