

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084257.D
 Acq On : 5 Jan 2016 1:21
 Operator : UM/SJ
 Sample : PB87631BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Manual Integrations
 APPROVED

Sohil
 1/5/2016 1:43:25 PM

Quant Time: Jan 05 04:34:01 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	6.89	152	269256	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1152992	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	544072	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	950867	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	575581	20.00	ng	-0.01
86) Perylene-d12	15.49	264	559140	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2149071	129.10	ng	0.02
7) Phenol-d6	6.53	99	2633066	125.94	ng	0.00
23) Nitrobenzene-d5	7.46	82	1687461	81.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	607002	110.51	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2716225	88.05	ng	-0.01
78) Terphenyl-d14	13.00	244	2067302	80.17	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	295192	37.43	ng	# 76
3) Pyridine	3.34	79	866149	39.39	ng	# 73
4) n-Nitrosodimethylamine	3.30	42	447541	39.66	ng	# 83
6) Aniline	6.56	93	559535	18.29	ng	# 80
8) 2-Chlorophenol	6.68	128	812641	43.03	ng	# 97
9) Benzaldehyde	6.43	77	256899	18.87	ng	# 91
10) Phenol	6.54	94	819868	34.49	ng	# 81
11) bis(2-Chloroethyl)ether	6.62	93	744250	40.42	ng	# 80
12) 1,3-Dichlorobenzene	6.83	146	790561m	40.58	ng	# 93
13) 1,4-Dichlorobenzene	6.91	146	830268	42.50	ng	# 96
14) 1,2-Dichlorobenzene	7.06	146	713340	38.13	ng	# 92
15) Benzyl Alcohol	7.04	79	663733	37.74	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1233196	36.78	ng	# 91
17) 2-Methylphenol	7.16	107	663925	41.94	ng	# 94
18) Hexachloroethane	7.40	117	314040	40.20	ng	# 72
19) n-Nitroso-di-n-propylamine	7.31	70	549138	38.80	ng	# 75
20) 3+4-Methylphenols	7.31	107	767969	41.28	ng	# 92
22) Acetophenone	7.30	105	1067333	38.50	ng	# 87
24) Nitrobenzene	7.48	77	859046	40.88	ng	# 96
25) Isophorone	7.72	82	1547744	39.06	ng	# 81
26) 2-Nitrophenol	7.79	139	397065	41.52	ng	# 99
27) 2,4-Dimethylphenol	7.84	122	710906m	36.73	ng	# 96
28) bis(2-Chloroethoxy)methane	7.93	93	927418	38.32	ng	# 95
29) 2,4-Dichlorophenol	8.04	162	696430	43.19	ng	# 98
30) 1,2,4-Trichlorobenzene	8.12	180	705457	42.38	ng	# 99
31) Naphthalene	8.20	128	2258149	43.17	ng	# 92
32) Benzoic acid	7.96	122	456179m	38.11	ng	# 96
33) 4-Chloroaniline	8.25	127	288858	12.04	ng	# 98
34) Hexachlorobutadiene	8.32	225	374193	39.11	ng	# 92
35) Caprolactam	8.62	113	217243m	39.97	ng	# 96
36) 4-Chloro-3-methylphenol	8.74	107	727516	40.28	ng	# 97
37) 2-Methylnaphthalene	8.89	142	1473114	39.23	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	637714	40.77	ng	# 98
40) Hexachlorocyclopentadiene	9.05	237	717165	75.95	ng	# 98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	476923	40.76	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	459734	40.98	nq	93
45) 1,1'-Biphenyl	9.36	154	1706627	39.47	nq	100
46) 2-Chloronaphthalene	9.38	162	1285059	37.83	nq	96
47) 2-Nitroaniline	9.48	65	508715	45.38	nq	90
48) Acenaphthylene	9.80	152	2201889	43.88	nq	98
49) Dimethylphthalate	9.66	163	1666118	42.84	nq	# 90
50) 2,6-Dinitrotoluene	9.72	165	357546	41.91	nq	# 61
51) Acenaphthene	9.97	154	1588493	47.19	nq	96
52) 3-Nitroaniline	9.89	138	227837	21.55	nq	# 74
53) 2,4-Dinitrophenol	10.00	184	324471	88.87	nq	93
54) Dibenzofuran	10.14	168	1916674	43.89	nq	96
55) 4-Nitrophenol	10.06	139	527530	68.75	nq	# 80
56) 2,4-Dinitrotoluene	10.12	165	429348	39.77	nq	# 83
57) Fluorene	10.49	166	1455697	43.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	362353	37.83	nq	96
59) Diethylphthalate	10.36	149	1530747	39.92	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	663516	47.00	nq	97
61) 4-Nitroaniline	10.51	138	384621	40.82	nq	86
62) Azobenzene	10.64	77	1733488	41.21	nq	91
64) 4,6-Dinitro-2-methylphenol	10.53	198	227202	39.11	nq	84
65) n-Nitrosodiphenylamine	10.60	169	1311756	43.15	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	447442	43.72	nq	# 89
67) Hexachlorobenzene	11.02	284	454547	39.46	nq	# 78
68) Atrazine	11.13	200	435589	43.78	nq	98
69) Pentachlorophenol	11.23	266	436648	73.11	nq	99
70) Phenanthrene	11.45	178	2153462	43.30	nq	96
71) Anthracene	11.49	178	1915063	39.28	nq	97
72) Carbazole	11.65	167	1805651	37.88	nq	98
73) Di-n-butylphthalate	11.98	149	2191216	42.68	nq	# 95
74) Fluoranthene	12.62	202	1870972	36.01	nq	98
76) Benzidine	12.75	184	635735	30.80	nq	99
77) Pyrene	12.85	202	1837218	40.68	nq	99
79) Butylbenzylphthalate	13.48	149	813175	41.60	nq	96
80) Benzo(a)anthracene	14.04	228	1285894	38.05	nq	98
81) 3,3'-Dichlorobenzidine	14.01	252	316493	26.83	nq	# 96
82) Chrysene	14.08	228	1195239	36.80	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	913469	36.99	nq	# 96
84) Di-n-octyl phthalate	14.65	149	1452958	34.85	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.91	276	1338912	52.01	nq	100
87) Benzo(b)fluoranthene	15.08	252	1410062	38.55	nq	99
88) Benzo(k)fluoranthene	15.11	252	1138588m	38.06	nq	
89) Benzo(a)pyrene	15.44	252	1314960	42.39	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	1104642	41.38	nq	96
91) Benzo(g,h,i)perylene	17.35	276	1067719	38.62	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

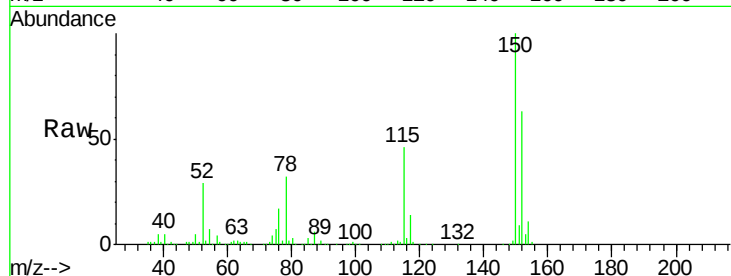
ClientSampleId :

PB87631BS

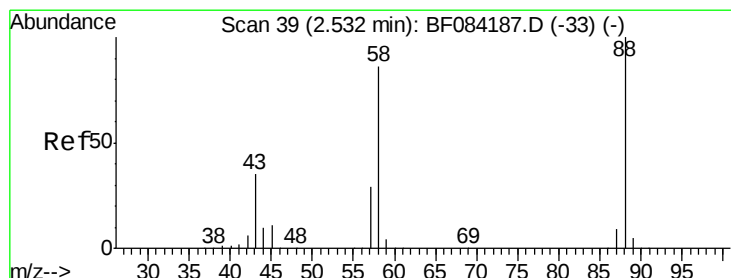
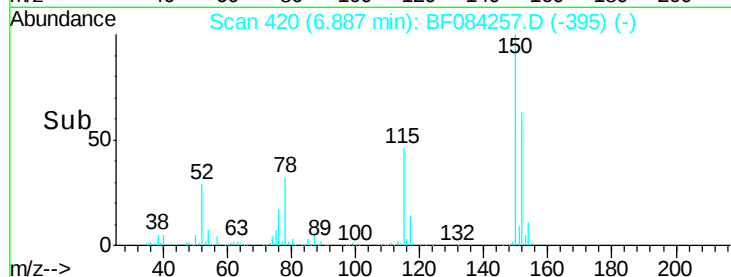
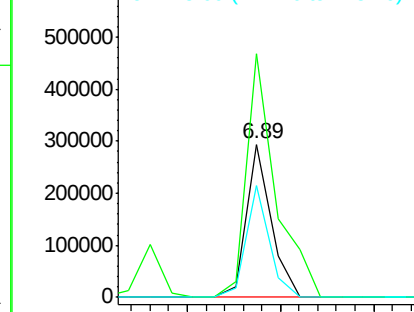
Tot Ion:	152	Resp:	269256
Ion Ratio	Lower	Upper	
152	100		
150	159.3	123.0	184.4
115	72.9	51.4	77.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.43 ng

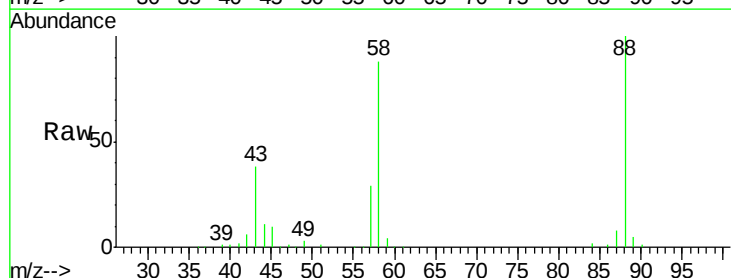
RT: 2.60 min Scan# 45

Delta R.T. 0.07 min

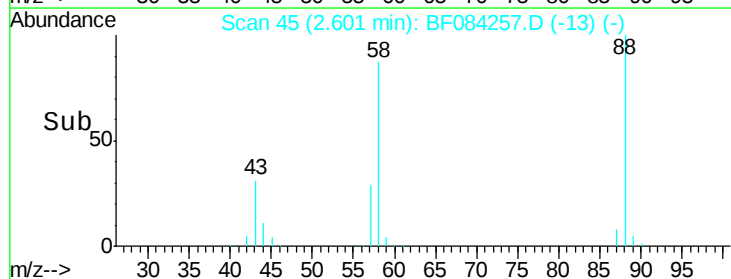
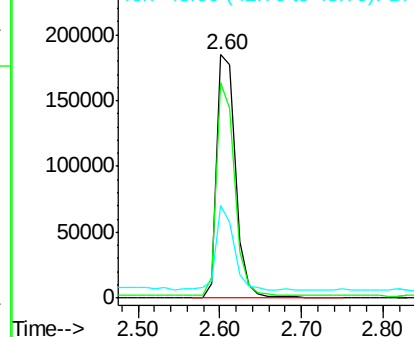
Lab File: BF084257.D

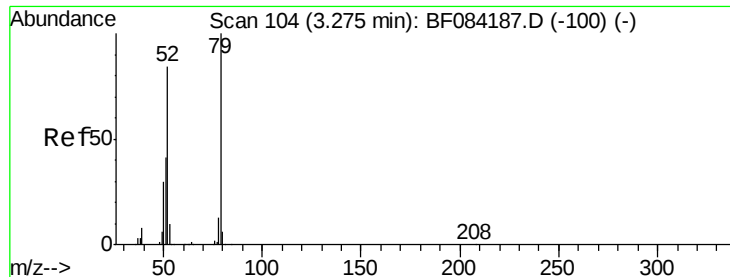
Acq: 5 Jan 2016 1:21

Tgt Ion:	88	Resp:	295192
Ion Ratio	Lower	Upper	
88	100		
58	84.8	51.2	76.8#
43	32.9	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: 39.39 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

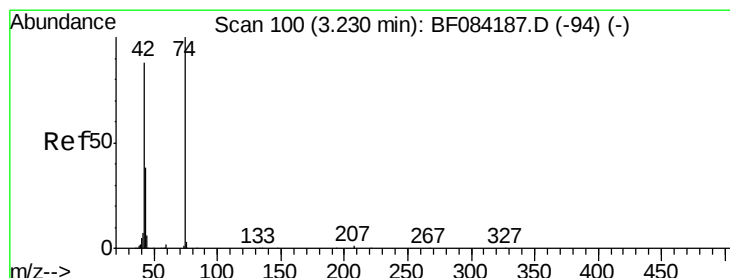
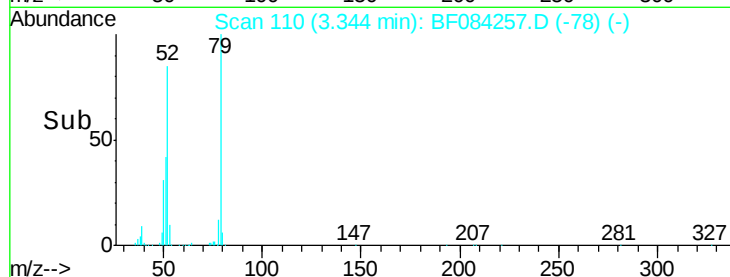
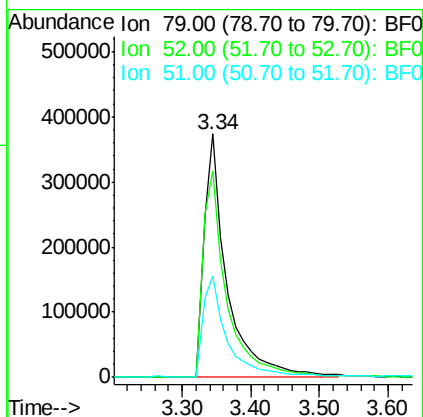
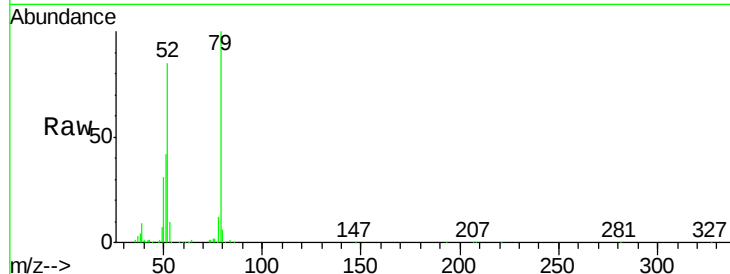
ClientSampleId :

PB87631BS

Tot Ion:	79	Resp:	866149
Ion Ratio	Lower	Upper	
79	100		
52	85.1	49.0	73.4#
51	41.9	25.2	37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.66 ng

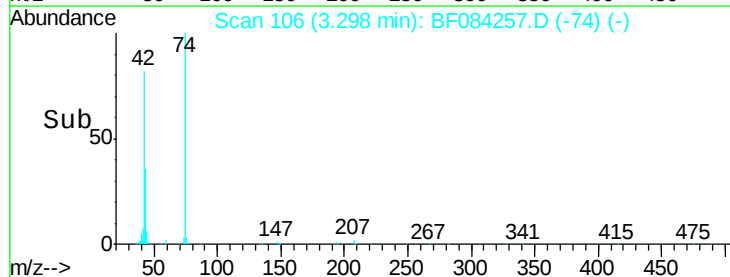
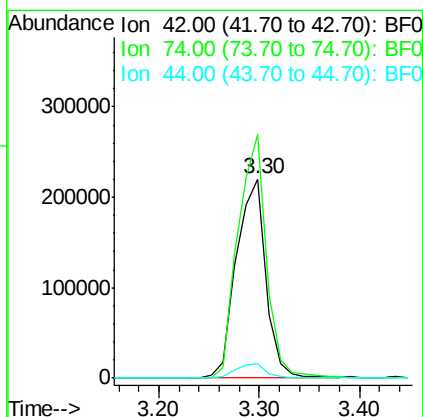
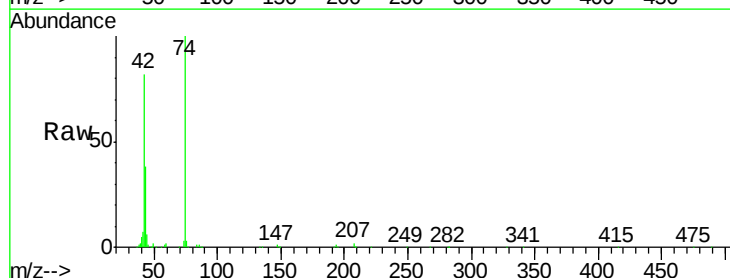
RT: 3.30 min Scan# 106

Delta R.T. 0.07 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:	42	Resp:	447541
Ion Ratio	Lower	Upper	
42	100		
74	122.1	115.7	173.5
44	7.4	5.1	7.7





#5

2-Fluorophenol

Concen: 129.10 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampled :

PB87631BS

Tot Ion: 112 Resp: 2149071

Ion Ratio Lower Upper

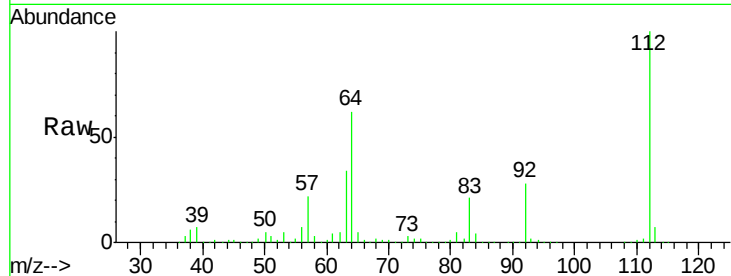
112 100

64 62.2 36.6 55.0#

63 33.7 19.4 29.0#

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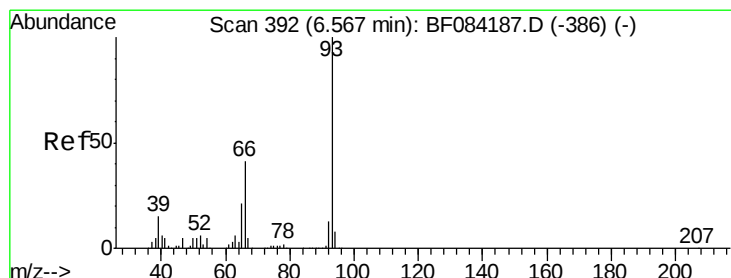
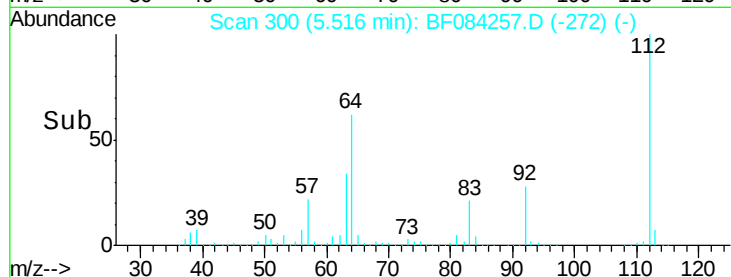
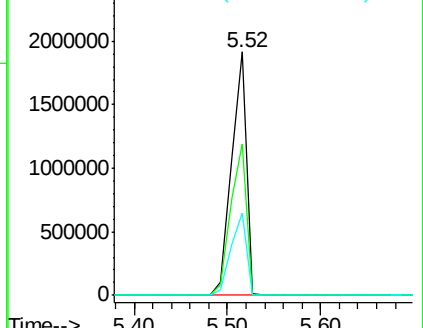
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.29 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

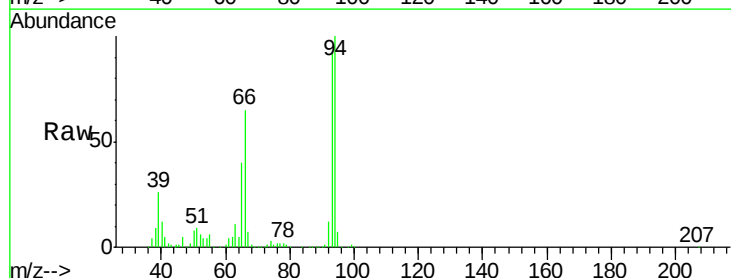
Tgt Ion: 93 Resp: 559535

Ion Ratio Lower Upper

93 100

66 69.4 44.9 67.3#

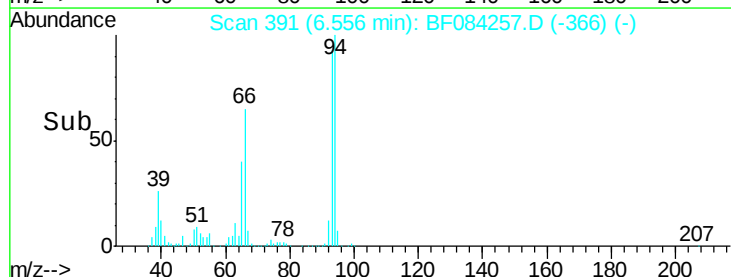
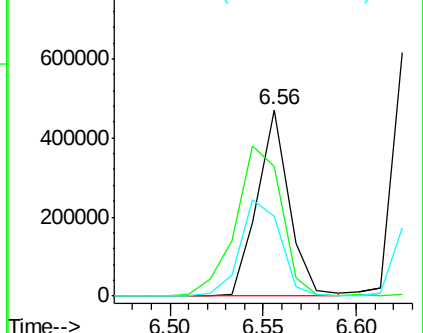
65 42.7 23.7 35.5#

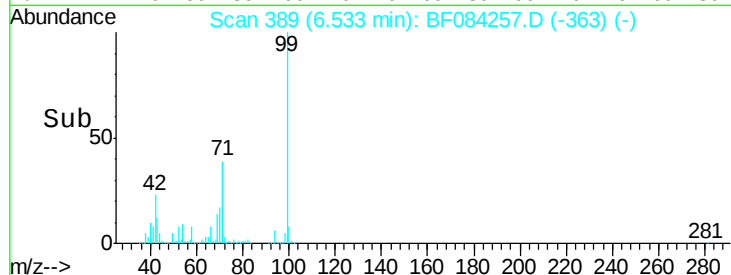
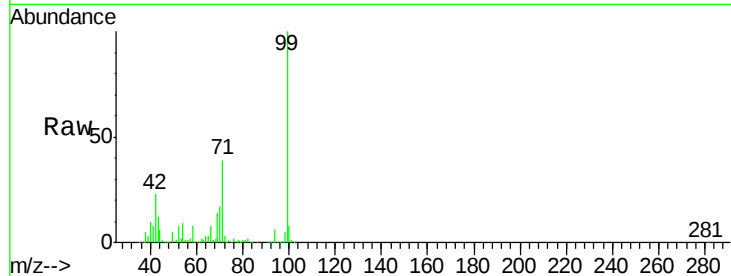
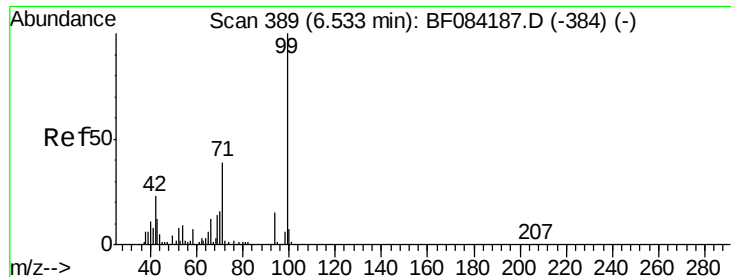


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.94 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tot Ion: 99 Resp: 2633066

Ion	Ratio	Lower	Upper
99	100		
42	23.3	12.8	19.2#
71	38.9	30.9	46.3

Instrument :

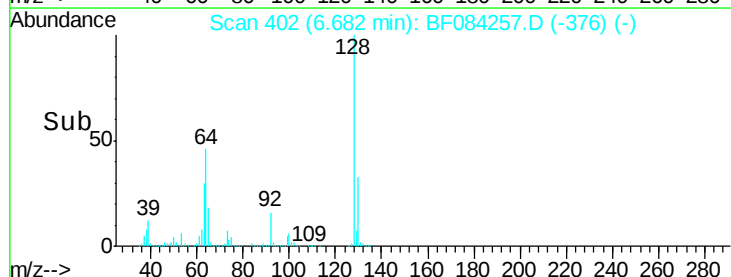
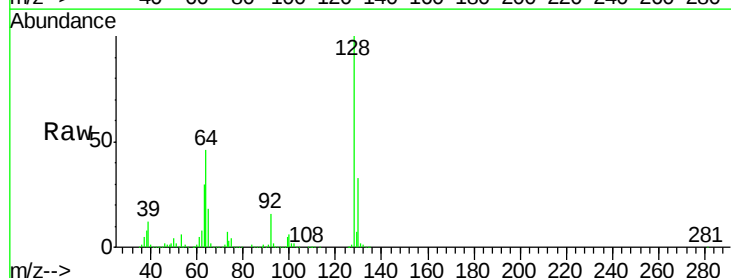
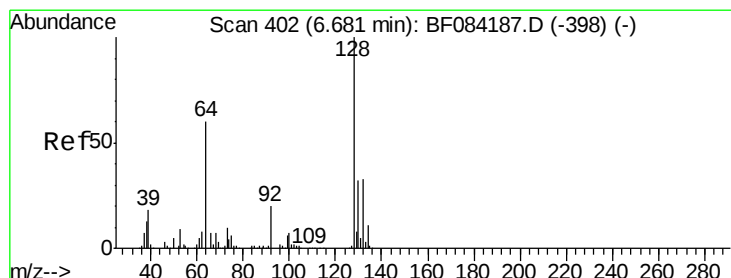
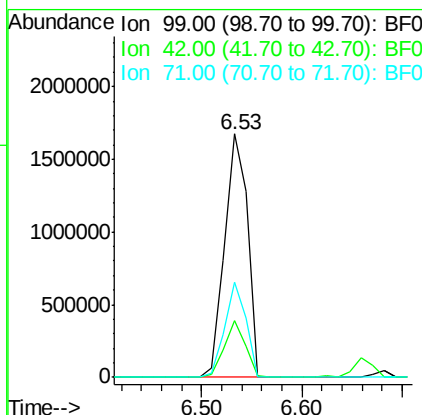
BNA_F

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#8

2-Chlorophenol

Concen: 43.03 ng

RT: 6.68 min Scan# 402

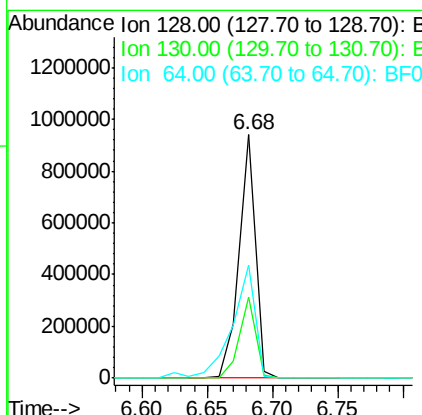
Delta R.T. 0.00 min

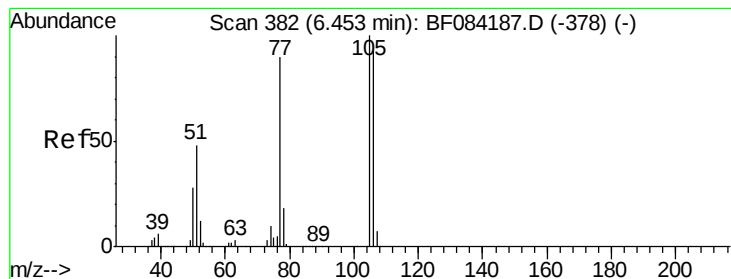
Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion: 128 Resp: 812641

Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.6	51.6
64	46.3	23.8	63.8





#9

Benzaldehyde

Concen: 18.87 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

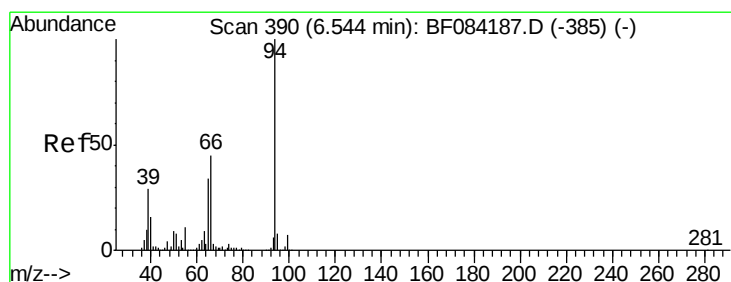
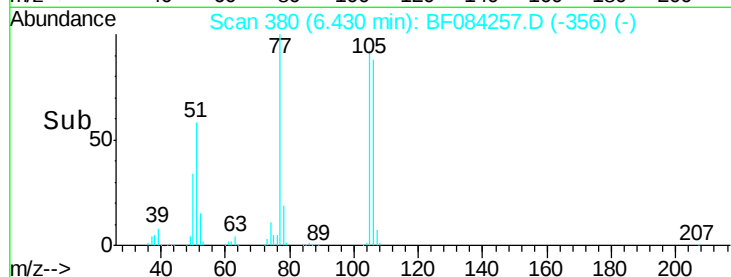
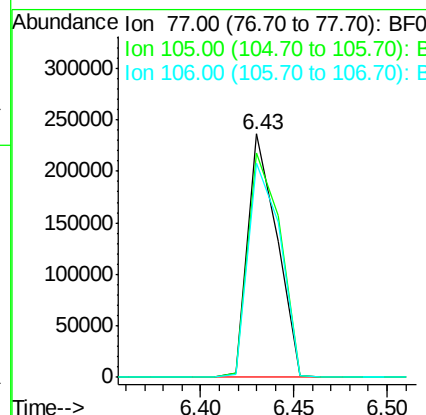
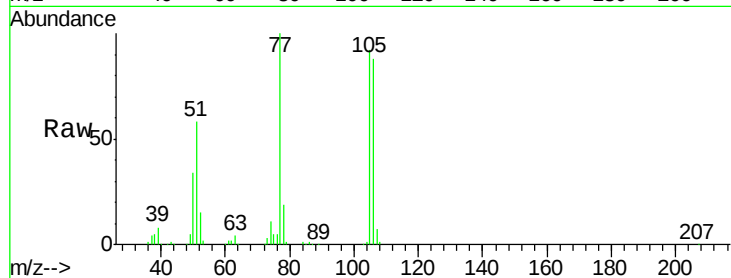
ClientSampleId :

PB87631BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.0	83.0	123.0
106	87.9	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 34.49 ng

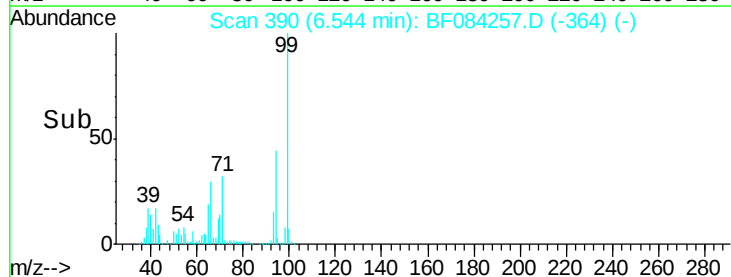
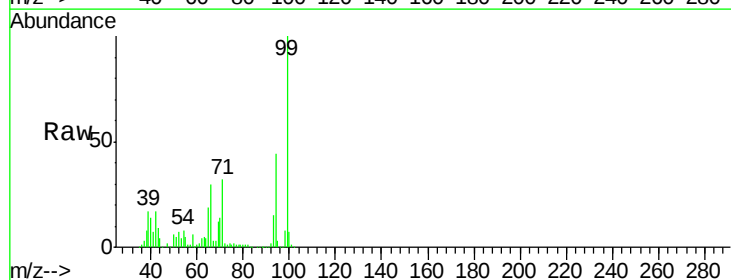
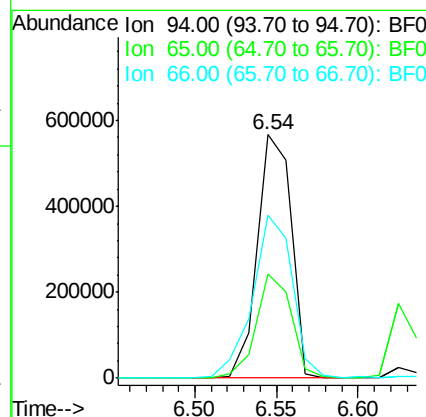
RT: 6.54 min Scan# 390

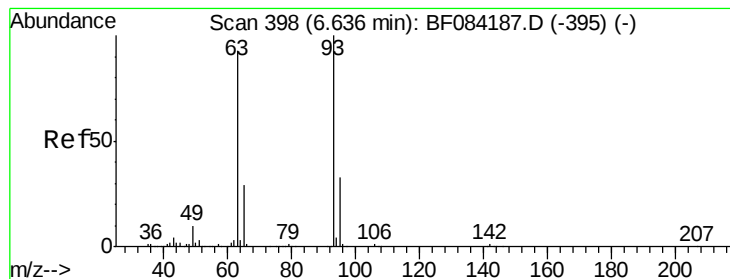
Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.8	12.9	52.9
66	67.1	32.7	72.7





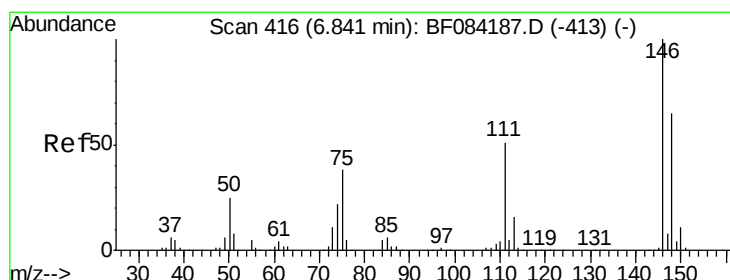
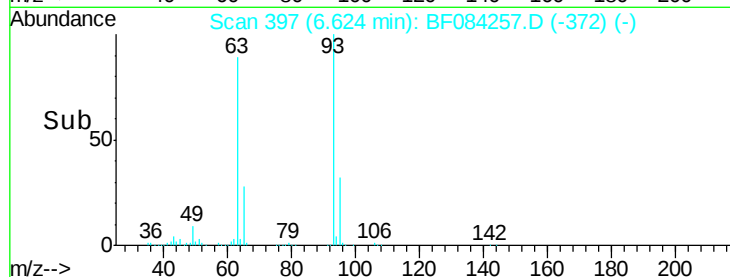
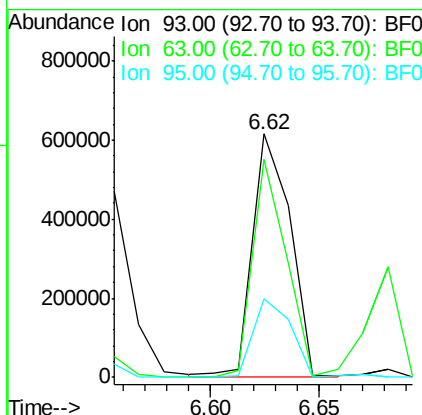
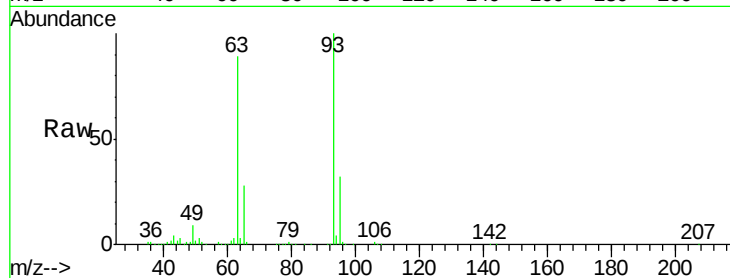
#11
bis(2-Chloroethyl)ether
Concen: 40.42 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	45.9	85.9#
95	32.3	12.3	52.3

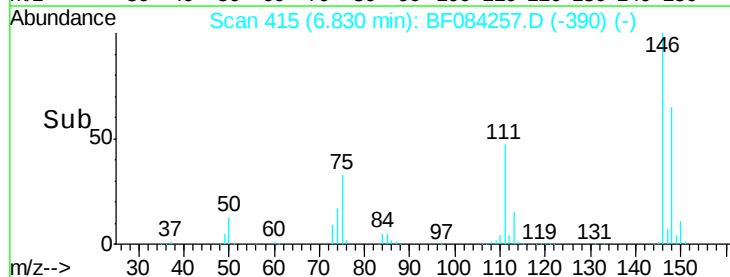
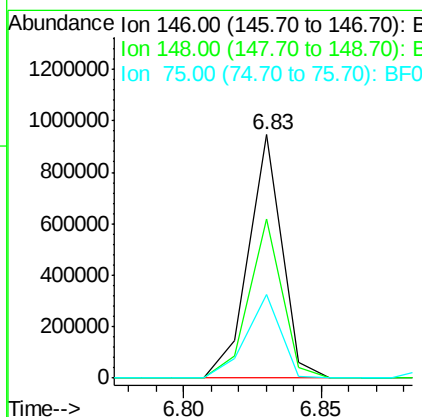
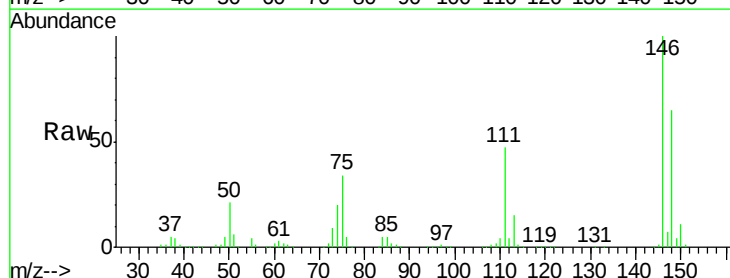
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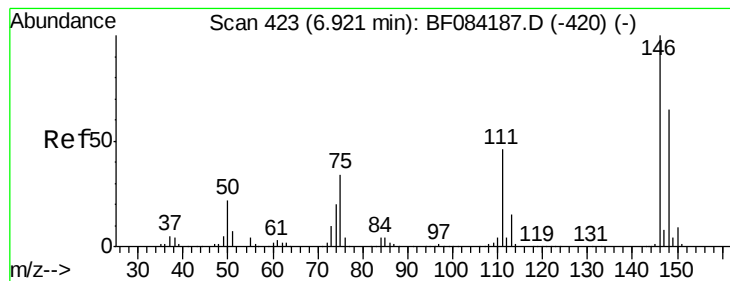
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.58 ng m
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
75	34.1	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 42.50 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

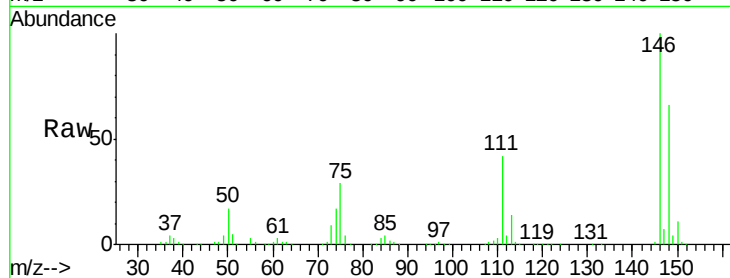
ClientSampleId :

PB87631BS

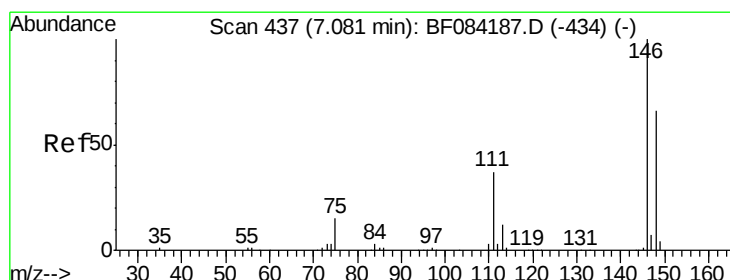
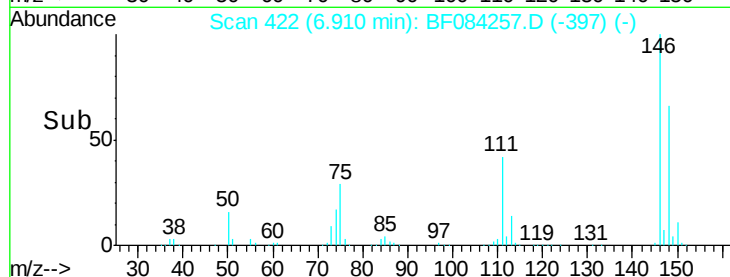
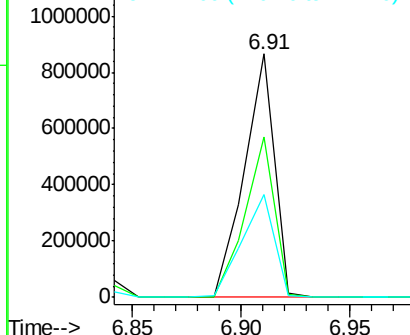
Tot Ion:	146	Resp:	830268
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.9	77.9
111	42.0	41.6	62.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.13 ng

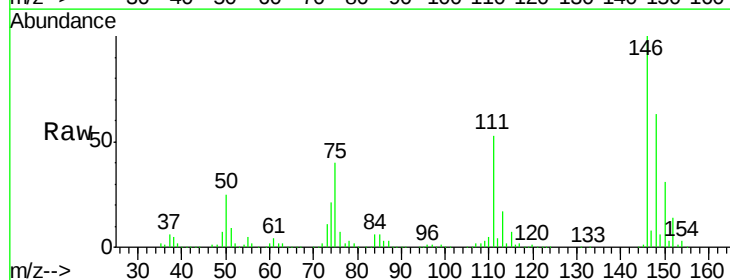
RT: 7.06 min Scan# 435

Delta R.T. -0.02 min

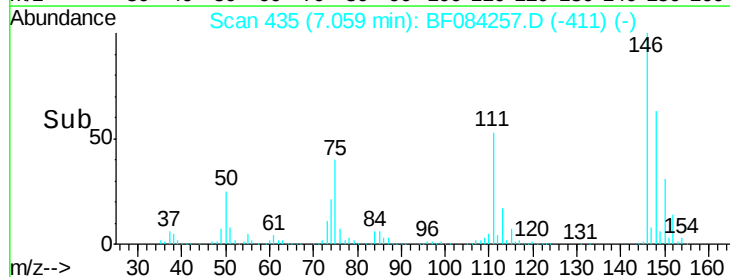
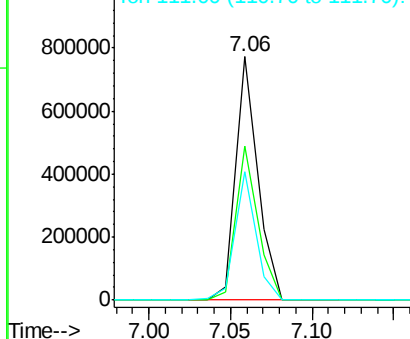
Lab File: BF084257.D

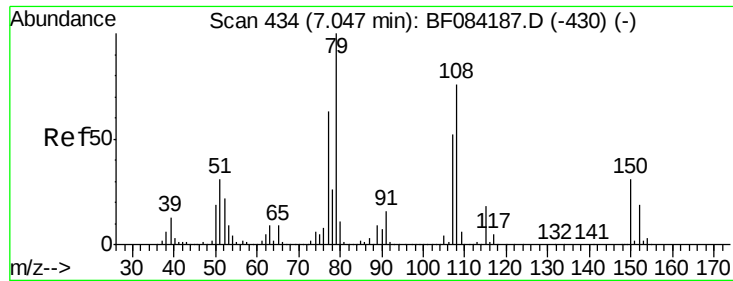
Acq: 5 Jan 2016 1:21

Tgt Ion:	146	Resp:	713340
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.6	77.4
111	52.6	38.0	57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.74 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

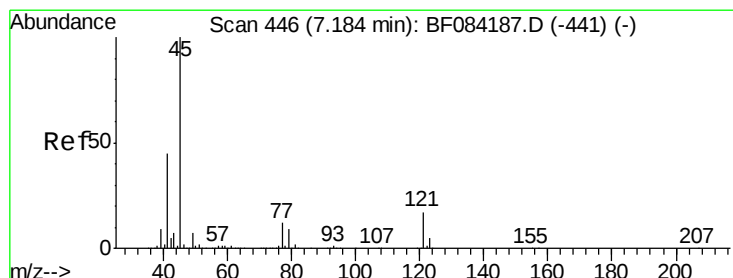
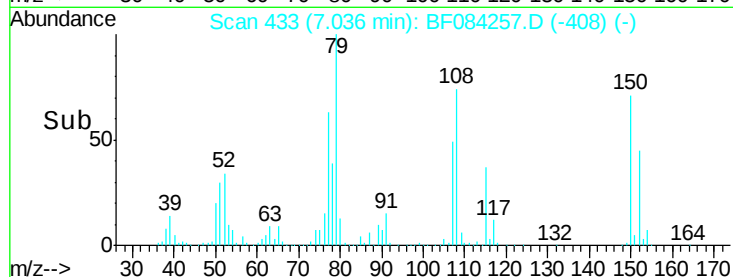
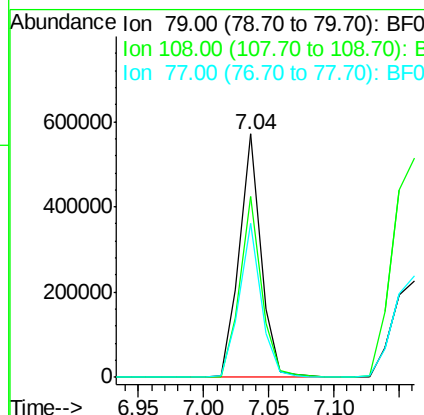
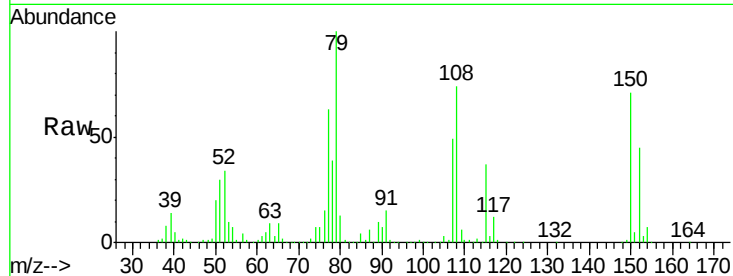
ClientSampleId :

PB87631BS

Tot Ion:	79	Resp:	663733
Ion Ratio	Lower	Upper	
79	100		
108	74.4	69.0	103.4
77	63.4	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.78 ng

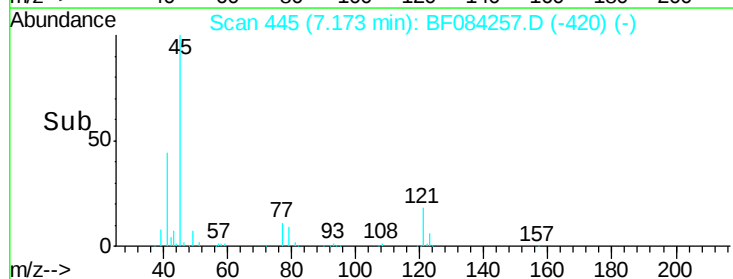
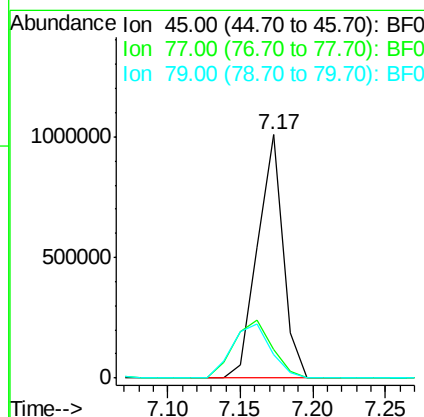
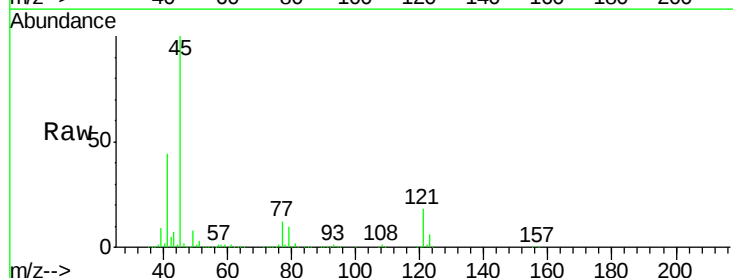
RT: 7.17 min Scan# 445

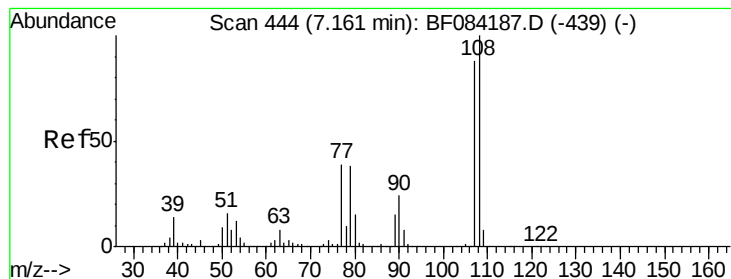
Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:	45	Resp:	1233196
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	39.6
79	9.8	0.0	35.0





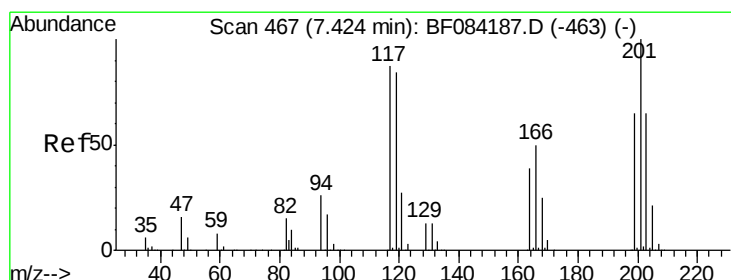
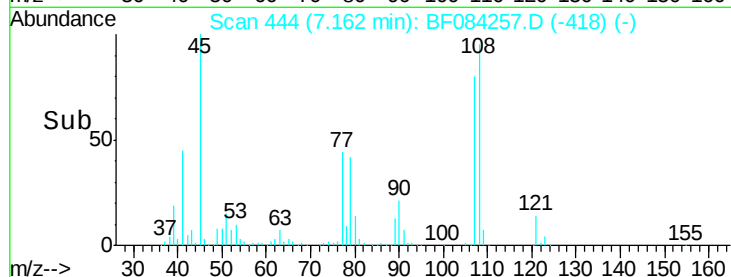
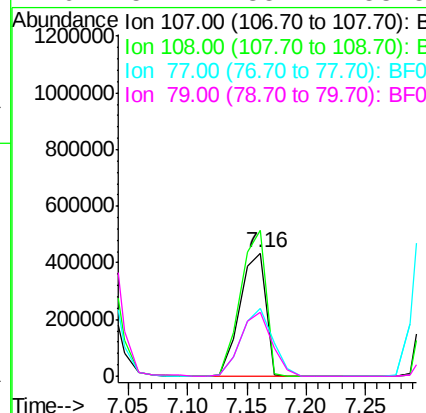
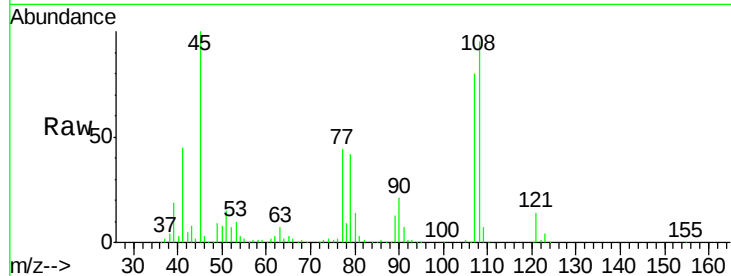
#17
2-Methylphenol
Concen: 41.94 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	663925		
108	118.2	89.8	134.6	
77	54.9	35.7	53.5	
79	51.7	35.7	53.5	

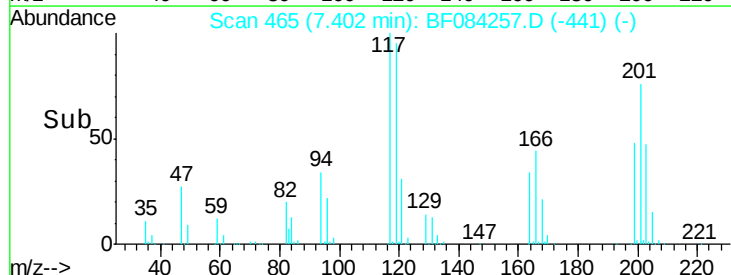
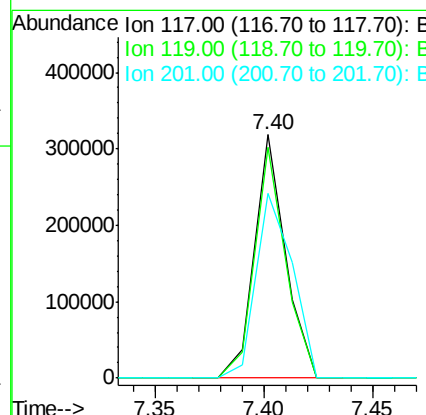
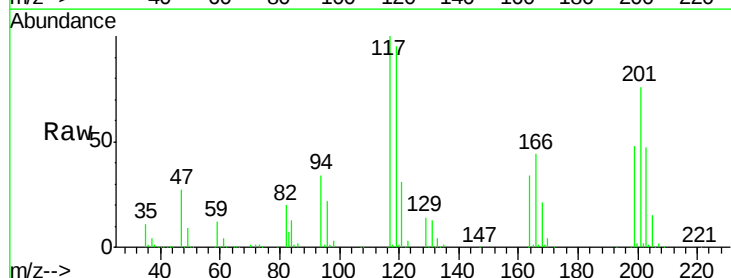
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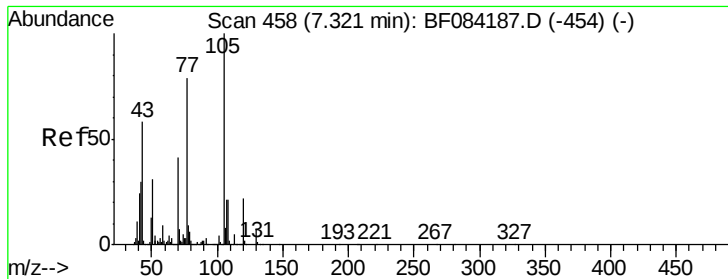
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#18
Hexachloroethane
Concen: 40.20 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	314040		
119	95.0	77.4	116.0	
201	75.6	68.6	103.0	





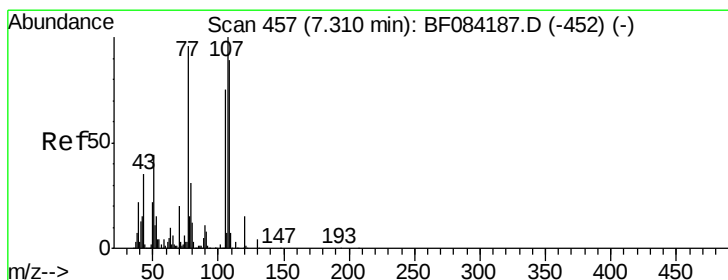
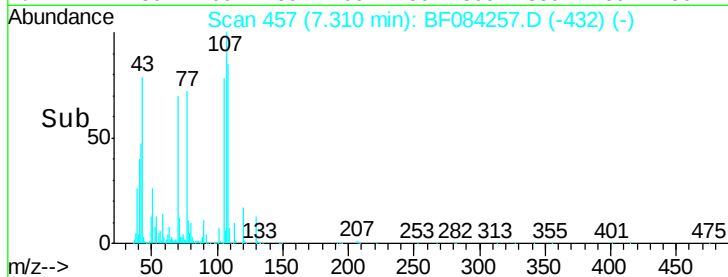
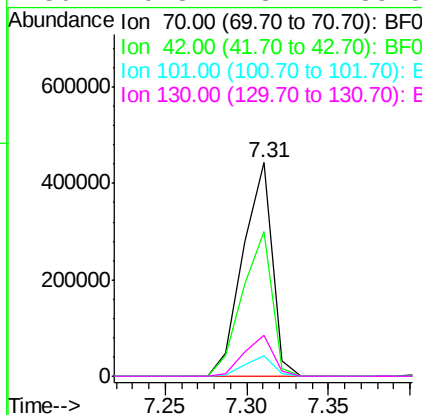
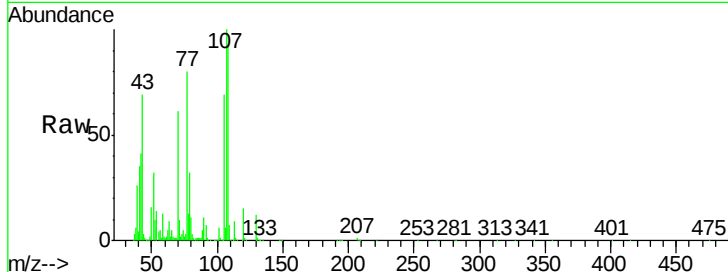
#19
n-Nitroso-di-n-propylamine
Concen: 38.80 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	33.3	49.9#
101	9.6	9.3	13.9
130	19.3	23.4	35.0#

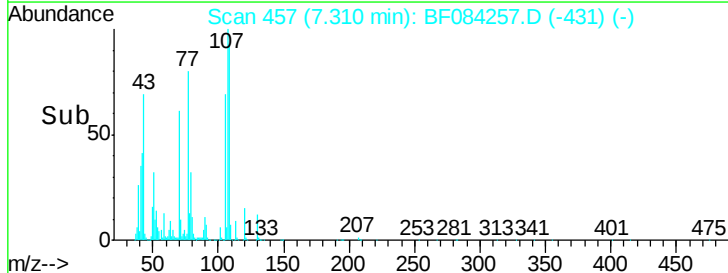
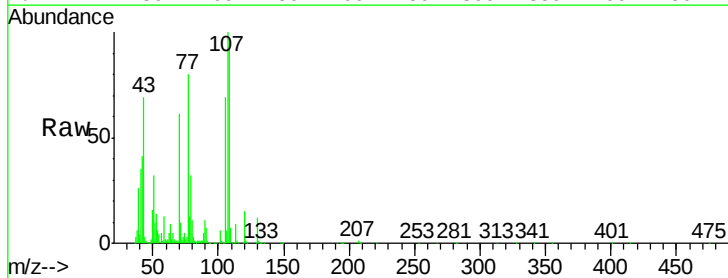
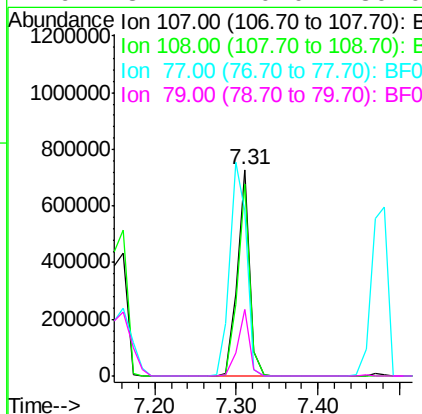
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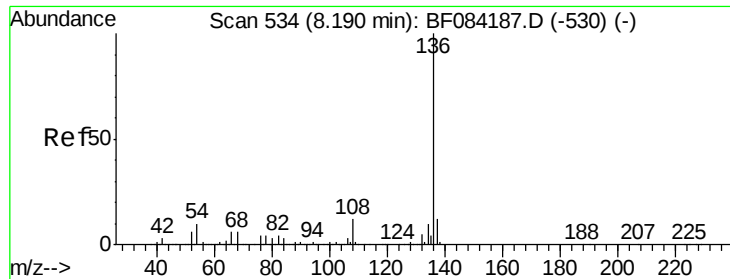
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#20
3+4-Methylphenols
Concen: 41.28 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	74.6	114.6
77	80.0	0.7	40.7#
79	32.2	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tot Ion:136 Resp: 1152992

Ion Ratio Lower Upper

136 100

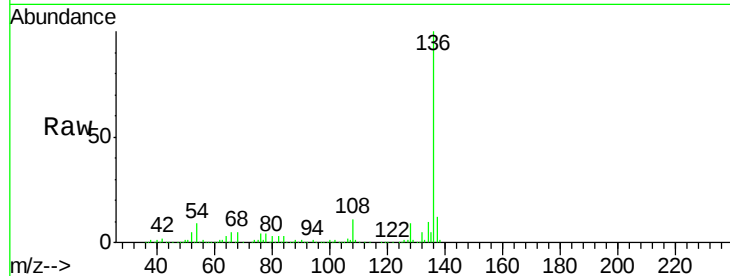
137 11.6 8.7 13.1

54 9.0 5.8 8.8#

68 5.3 4.2 6.2

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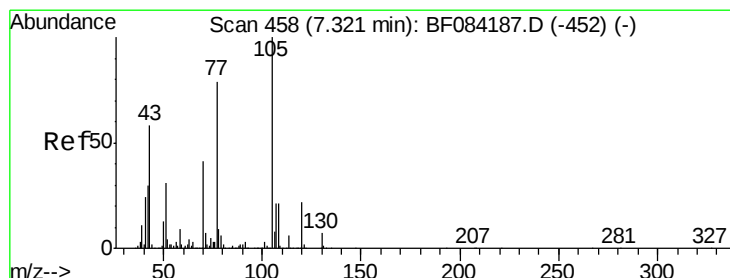
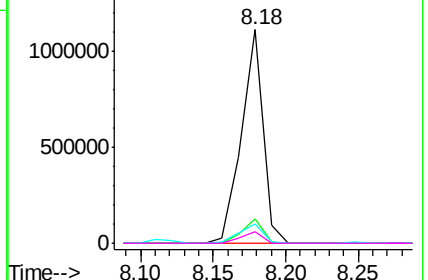
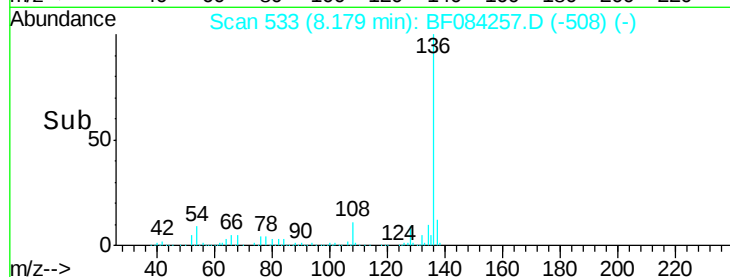


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.50 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:105 Resp: 1067333

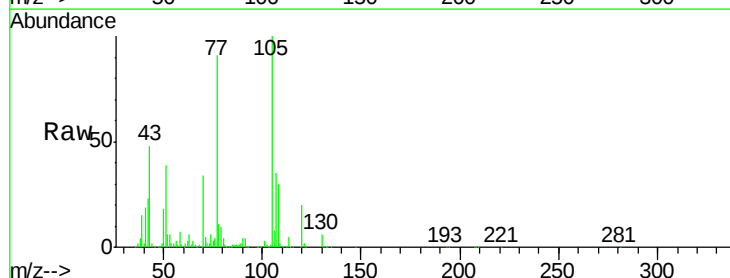
Ion Ratio Lower Upper

105 100

71 5.2 3.7 5.5

51 38.9 25.1 37.7#

120 20.4 16.6 25.0

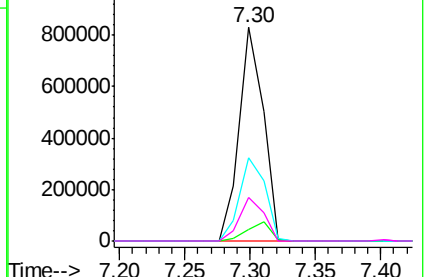
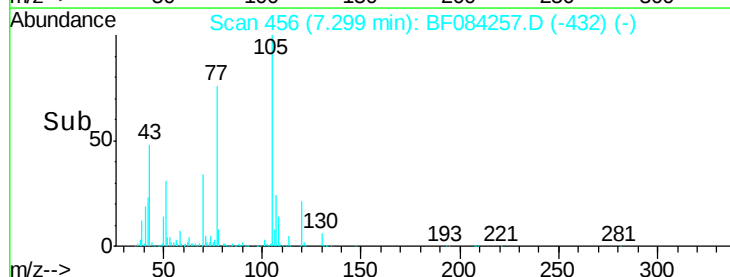


Abundance Ion 105.00 (104.70 to 105.70): E

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





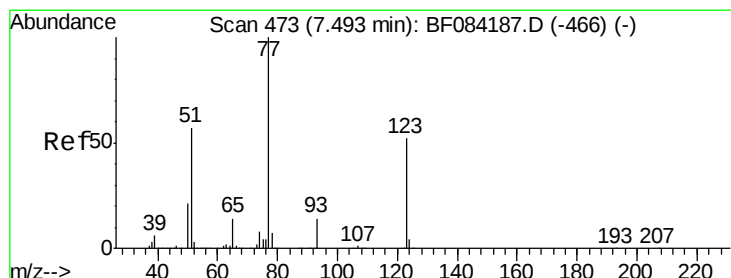
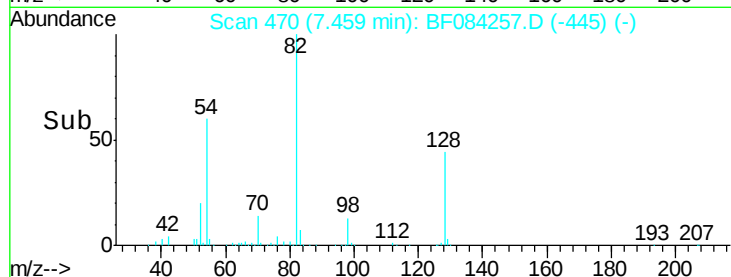
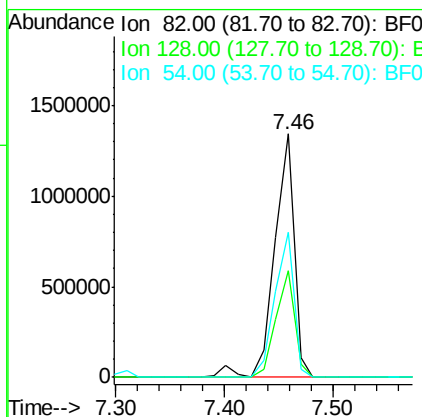
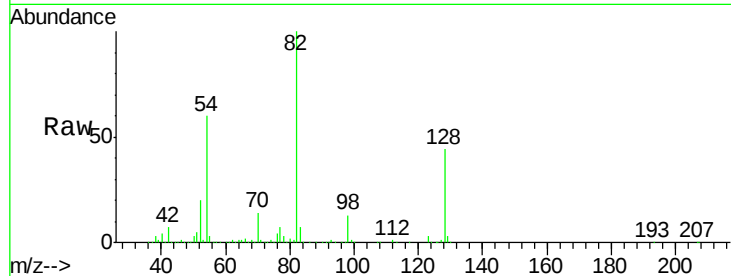
#23
Nitrobenzene-d5
Concen: 81.45 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	59.7	38.4	57.6

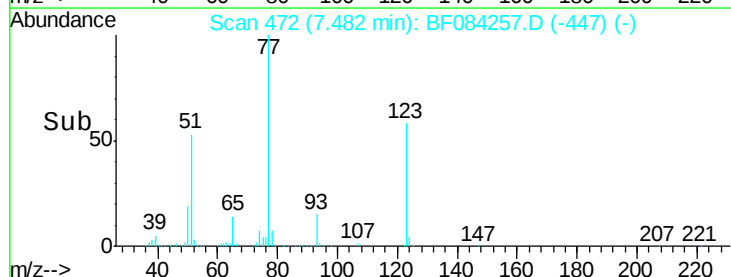
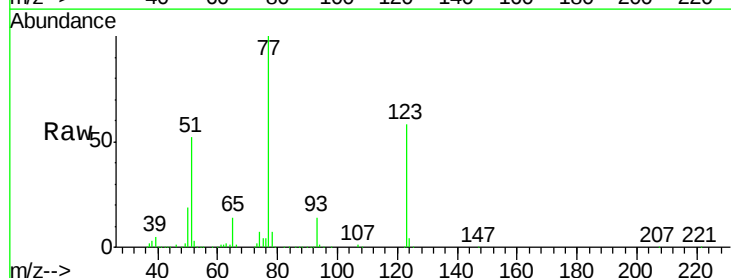
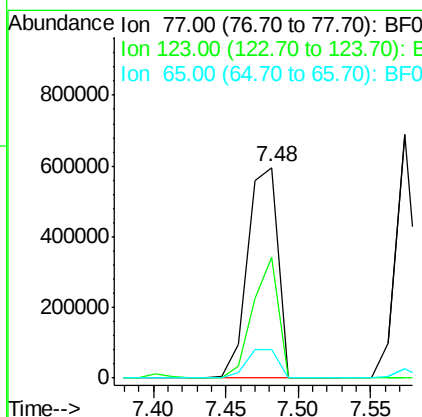
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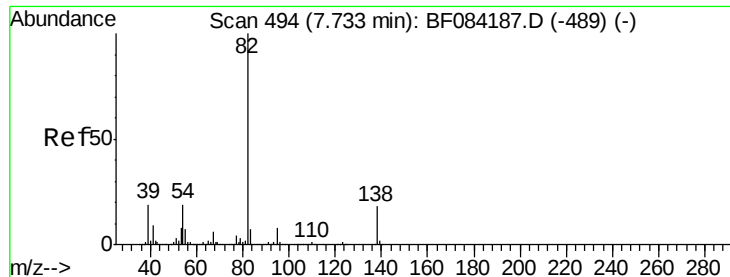
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#24
Nitrobenzene
Concen: 40.88 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.6	37.4	56.2
65	13.6	10.9	16.3





#25

Isophorone

Concen: 39.06 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tot Ion: 82 Resp: 1547744

Ion Ratio Lower Upper

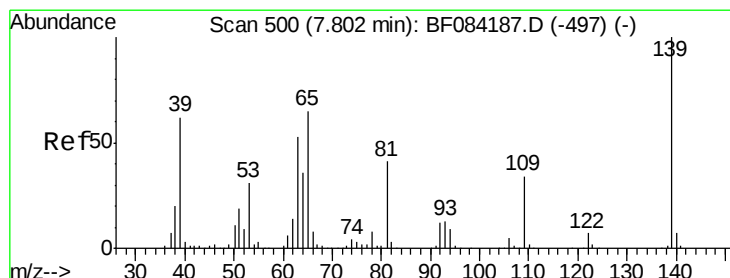
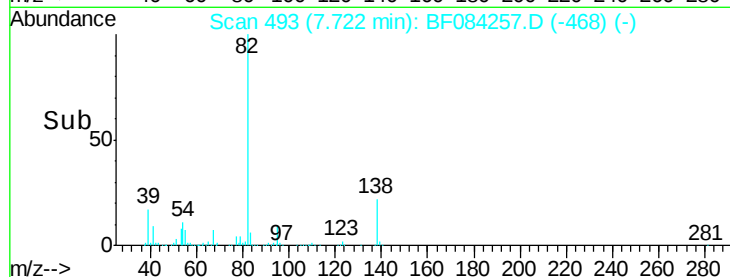
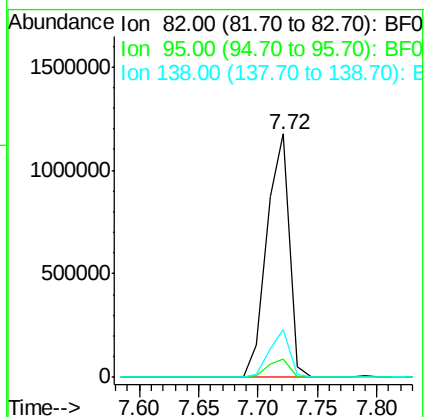
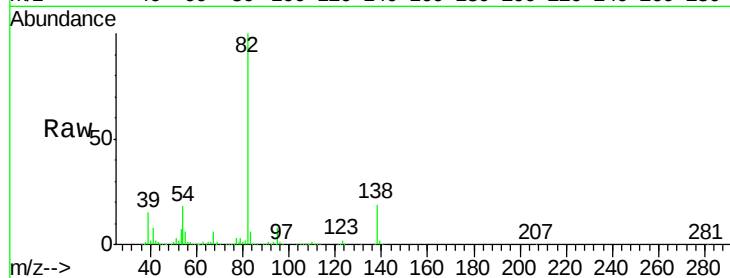
82 100

95 7.7 6.6 10.0

138 19.4 13.6 20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.52 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

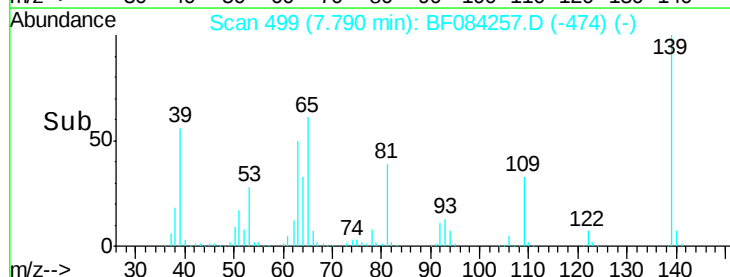
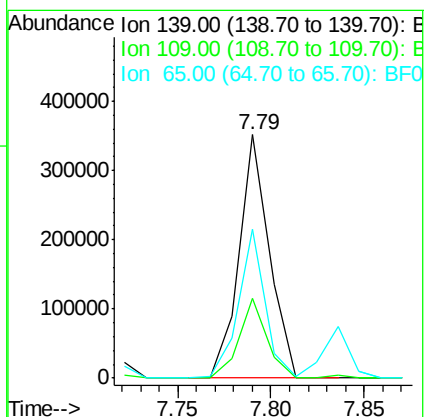
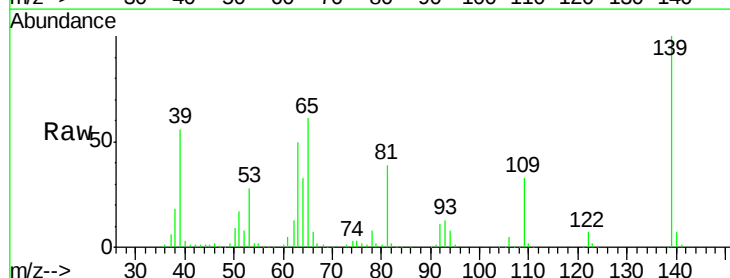
Tgt Ion: 139 Resp: 397065

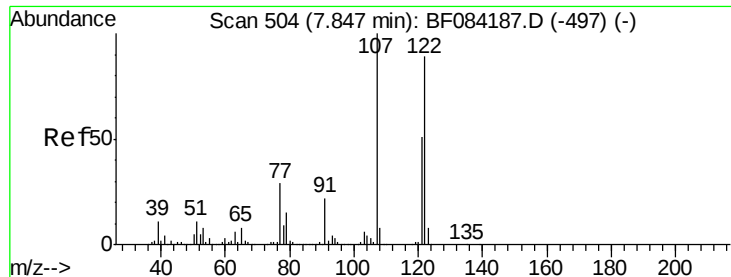
Ion Ratio Lower Upper

139 100

109 32.5 25.4 38.2

65 61.1 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 36.73 ng/ml

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

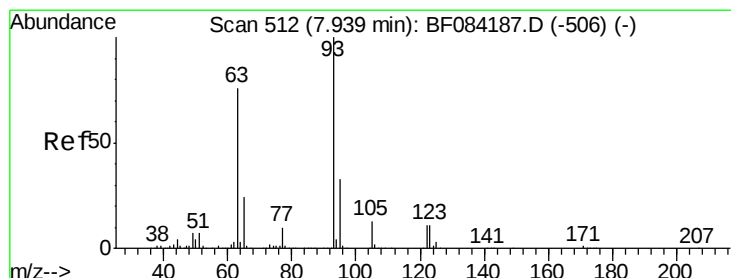
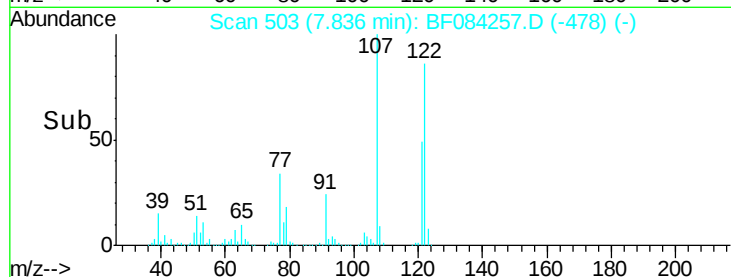
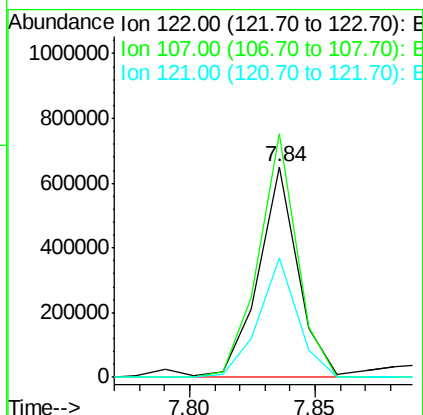
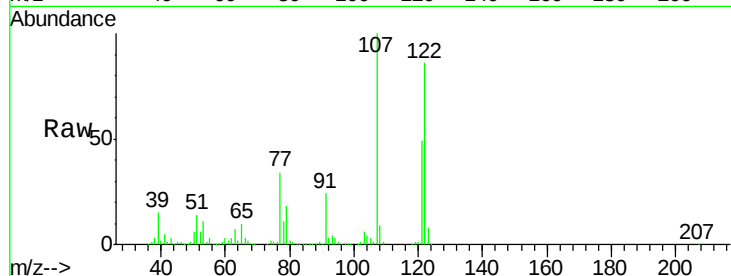
ClientSampleID :

PB87631BS

Tot Ion:	122	Resp:	710906
Ion Ratio	Lower	Upper	
122	100		
107	115.7	99.1	148.7
121	56.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 38.32 ng/ml

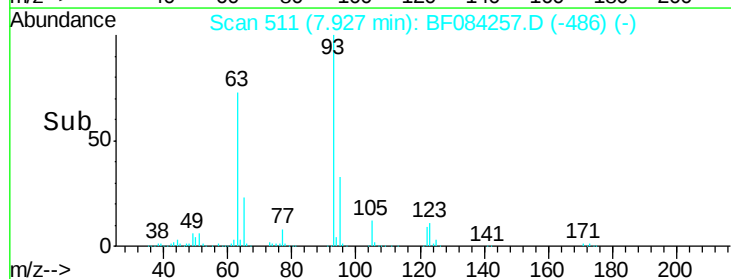
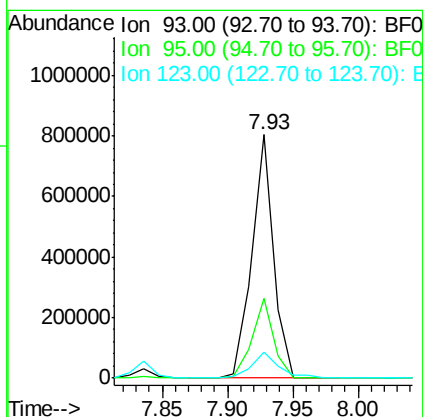
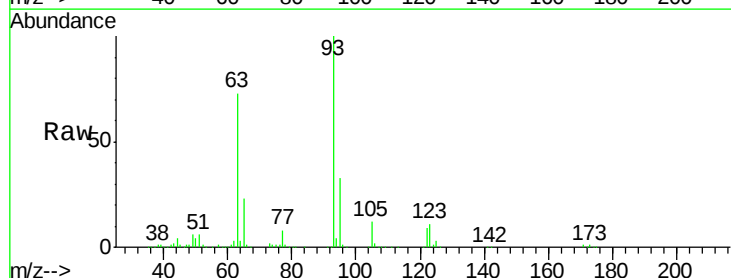
RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:	93	Resp:	927418
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.6
123	10.8	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 43.19 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

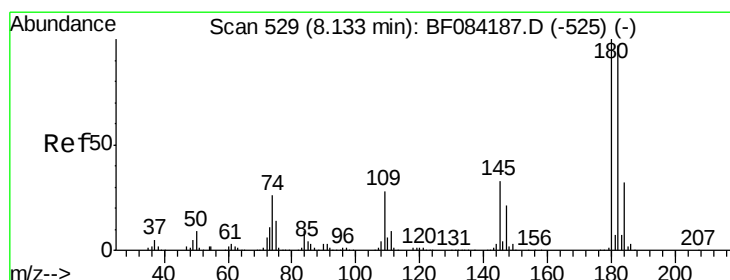
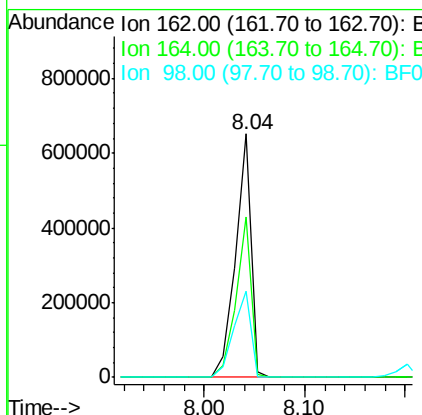
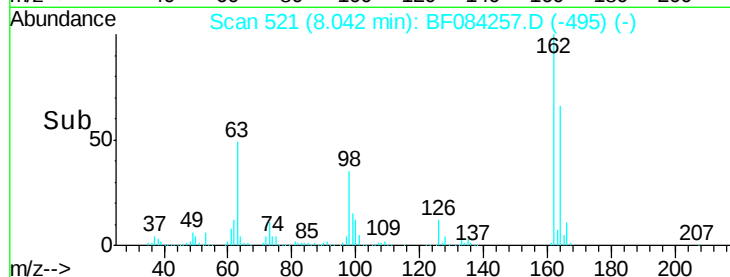
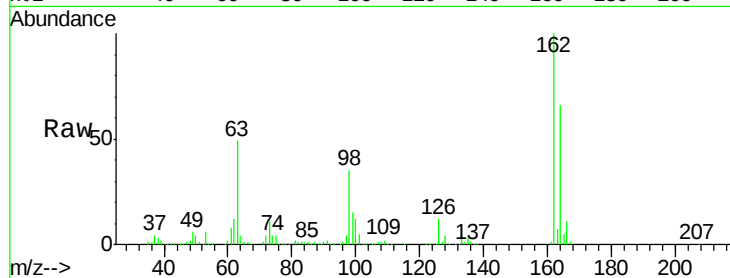
ClientSampleId :

PB87631BS

Tot Ion:	162	Resp:	696430
Ion Ratio	Lower	Upper	
162	100		
164	65.9	44.1	84.1
98	35.4	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 42.38 ng

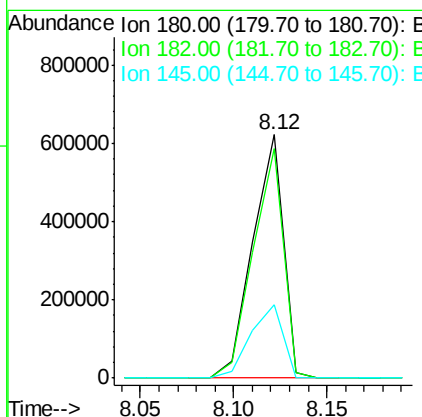
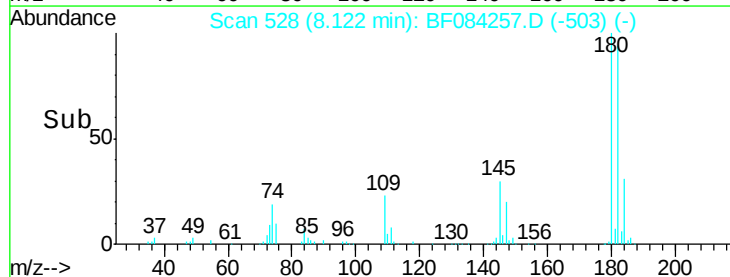
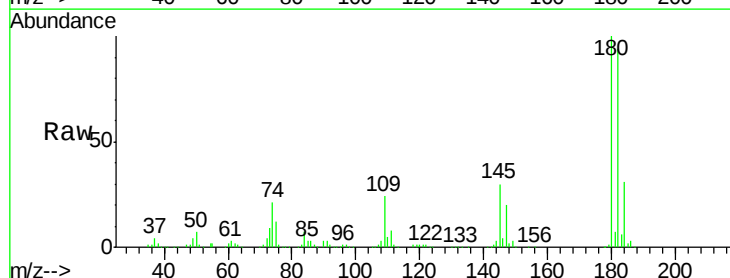
RT: 8.12 min Scan# 528

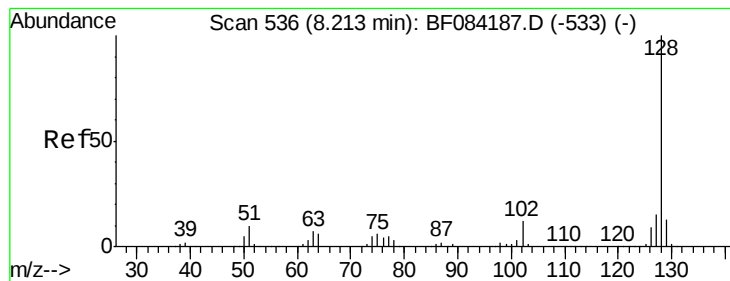
Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:	180	Resp:	705457
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.4	114.6
145	30.3	31.6	47.4#





#31

Naphthalene

Concen: 43.17 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tot Ion:128 Resp: 2258149

Ion Ratio Lower Upper

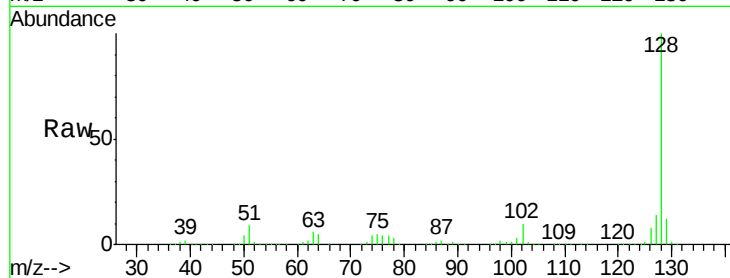
128 100

129 12.3 9.1 13.7

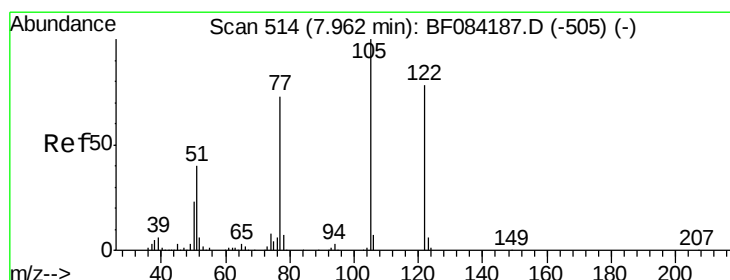
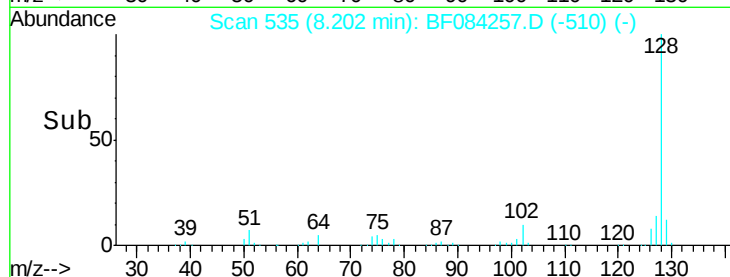
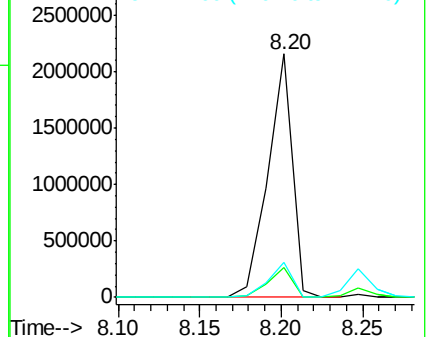
127 14.3 11.1 16.7

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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: 38.11 ng m

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

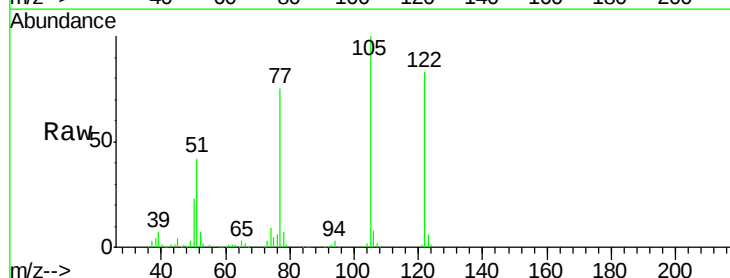
Tgt Ion:122 Resp: 456179

Ion Ratio Lower Upper

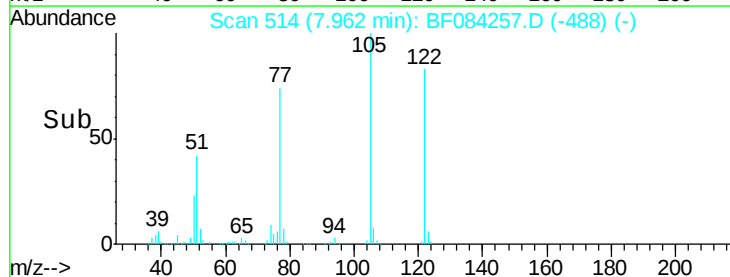
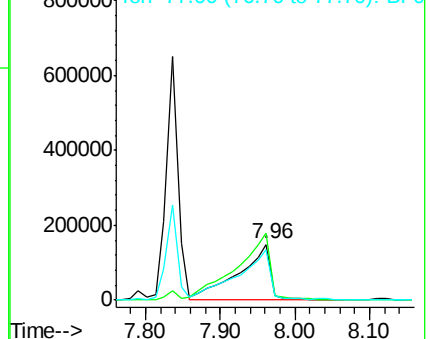
122 100

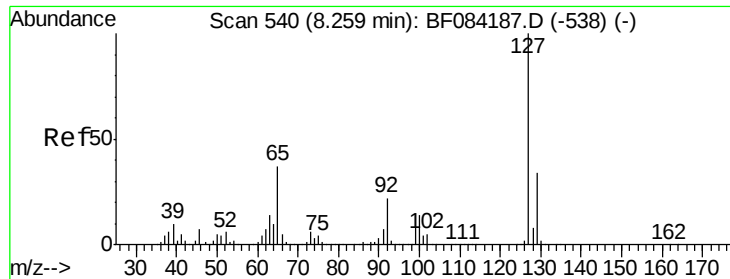
105 120.1 100.3 140.3

77 90.4 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





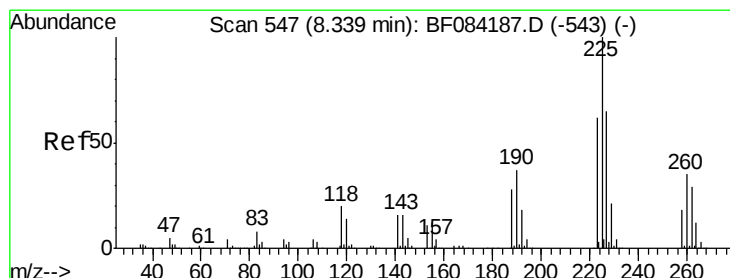
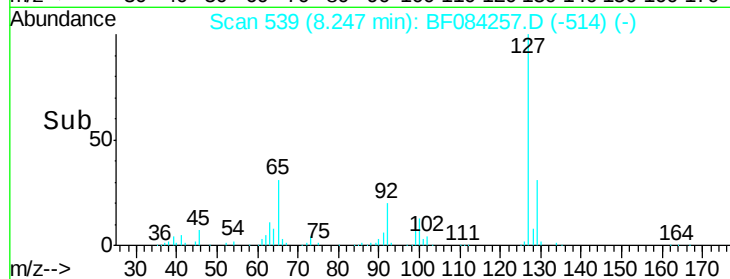
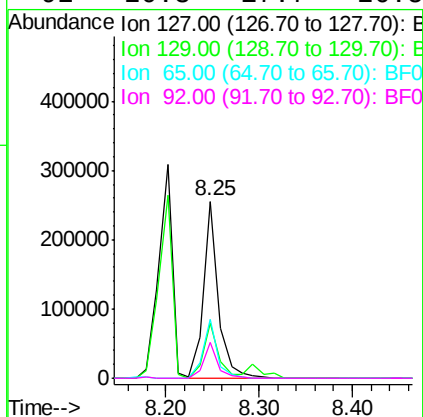
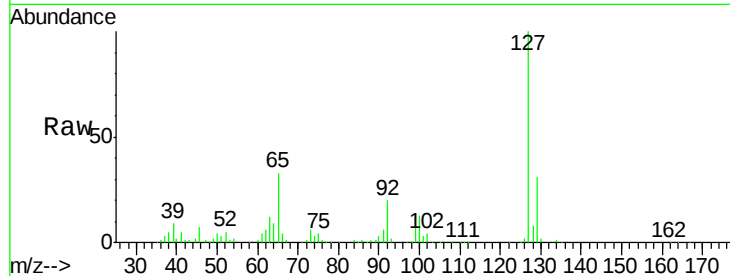
#33
4-Chloroaniline
Concen: 12.04 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.5	39.7		
65	33.2	27.2	40.8		
92	20.3	17.7	26.5		

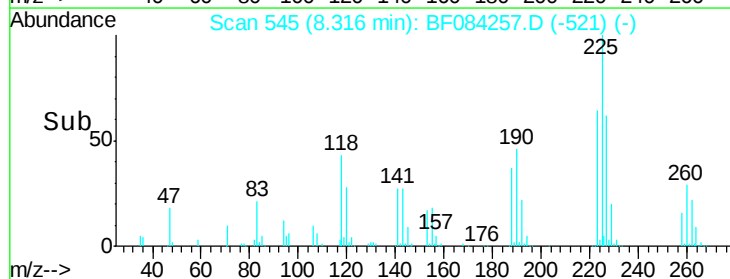
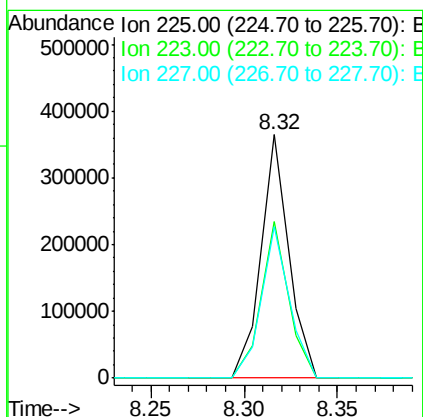
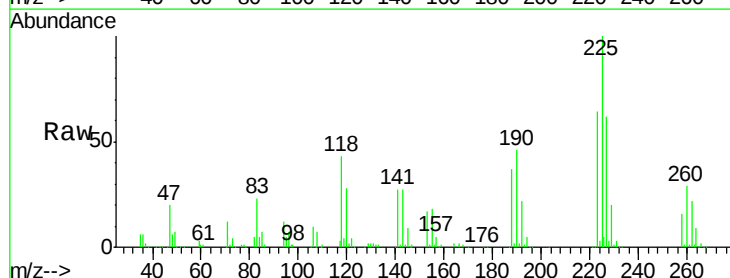
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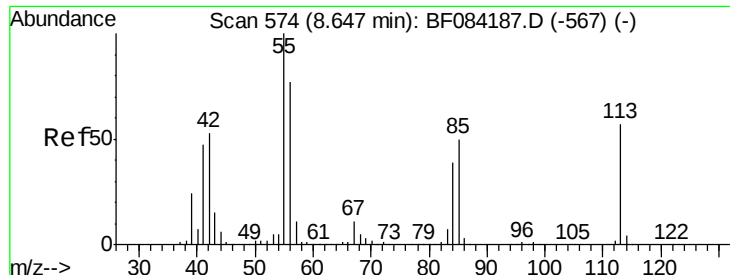
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#34
Hexachlorobutadiene
Concen: 39.11 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	49.4	74.0		
227	62.4	50.8	76.2		





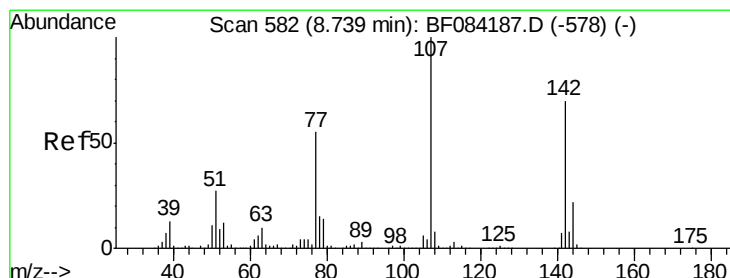
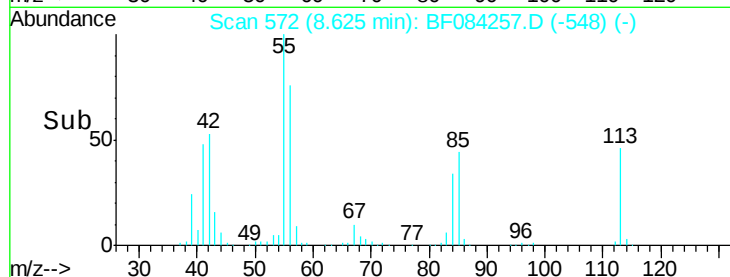
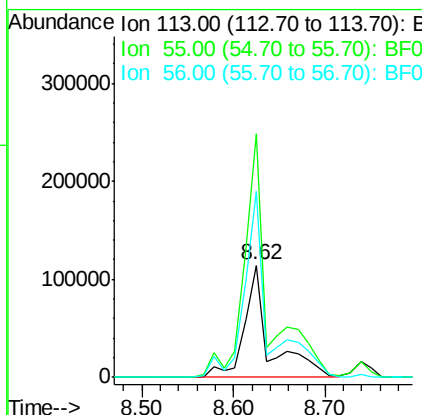
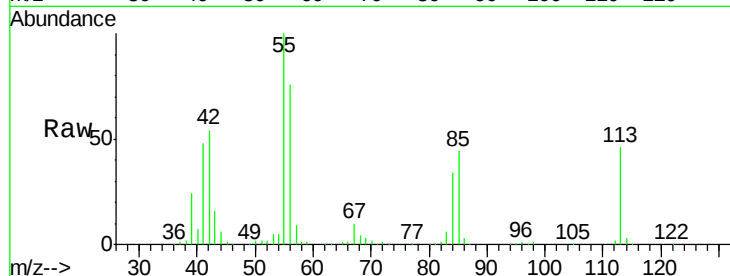
#35
 Caprolactam
 Concen: 39.97 ng/ml
 RT: 8.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleID :
 PB87631BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	217.1	116.9	156.9	
56	165.3	93.8	133.8	

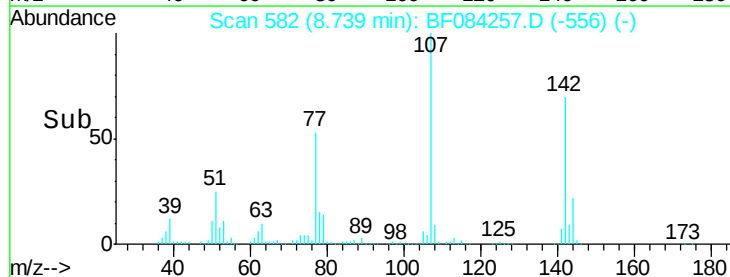
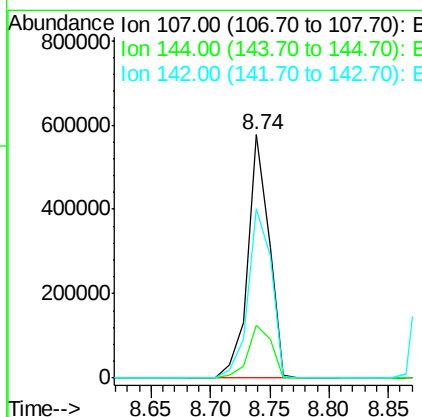
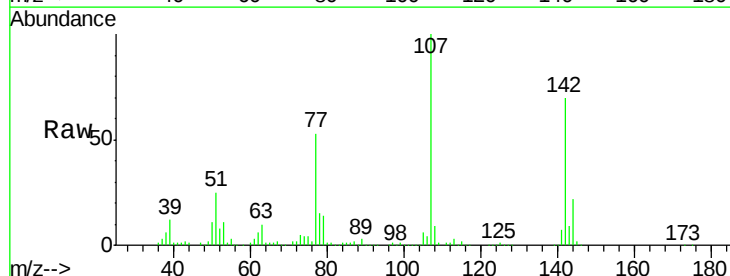
Manual Integrations
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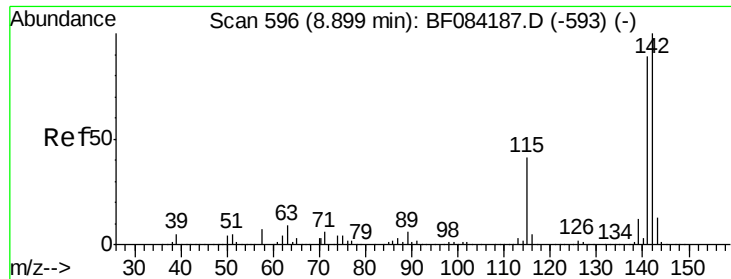
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#36
 4-Chloro-3-methylphenol
 Concen: 40.28 ng/ml
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.8	19.7	29.5	
142	69.7	61.8	92.6	





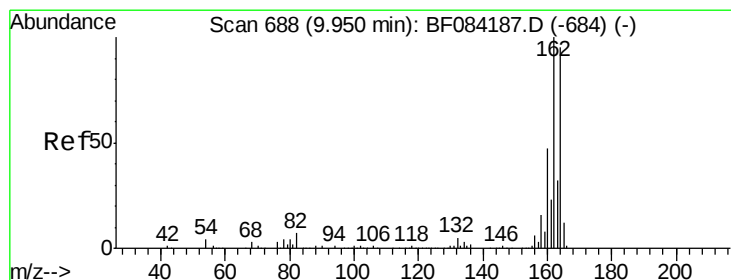
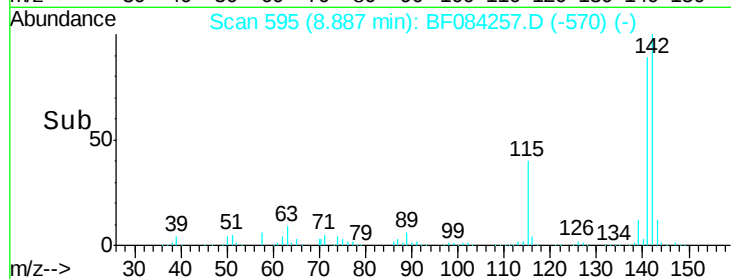
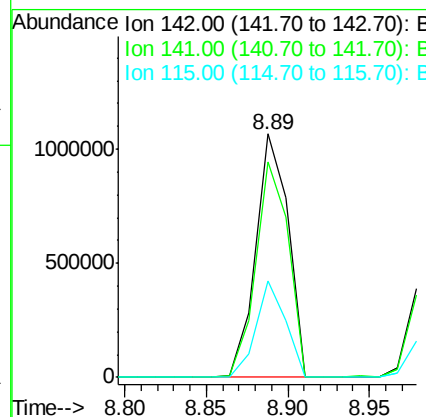
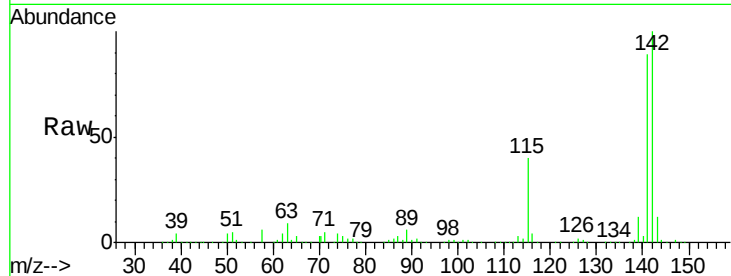
#37
2-Methylnaphthalene
Concen: 39.23 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion:142 Resp: 1473114
Ion Ratio Lower Upper
142 100
141 88.7 72.4 108.6
115 39.7 27.9 41.9

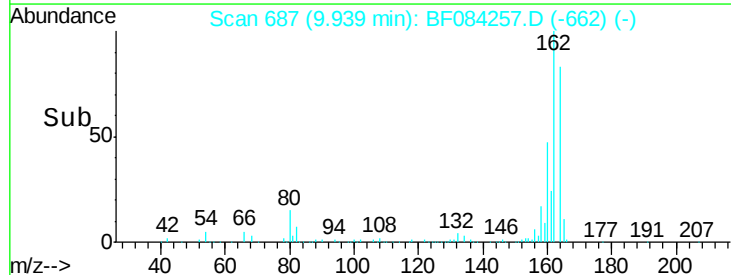
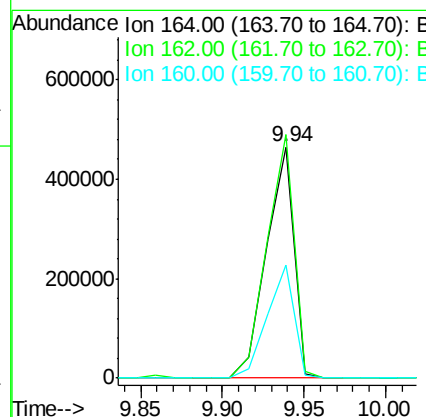
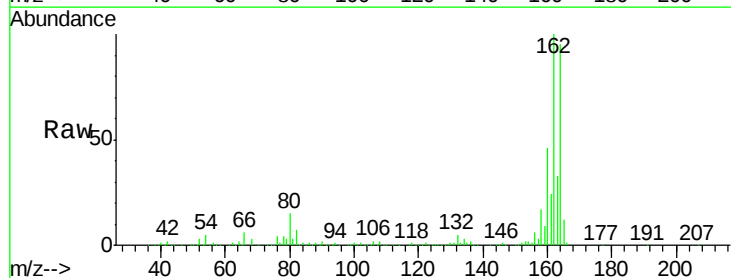
Manual Integrations
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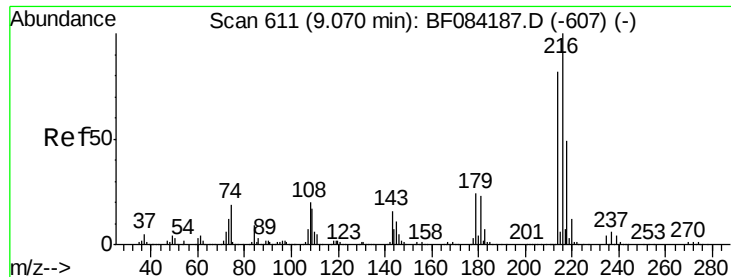
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:164 Resp: 544072
Ion Ratio Lower Upper
164 100
162 105.2 85.1 127.7
160 48.8 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.77 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

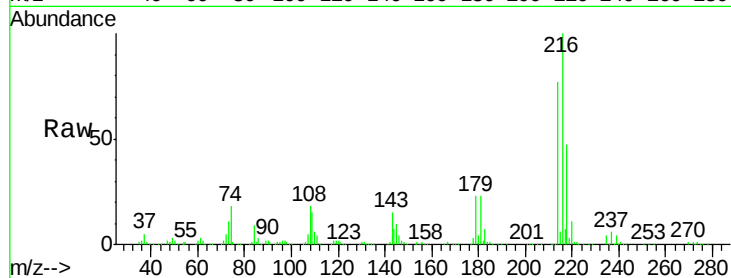
ClientSampleId :

PB87631BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		637714		
214	77.9		64.2	96.2	
179	23.8		18.7	28.1	
108	24.4		16.8	25.2	

Manual Integrations
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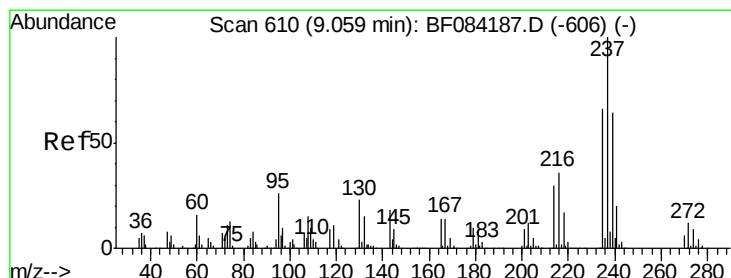
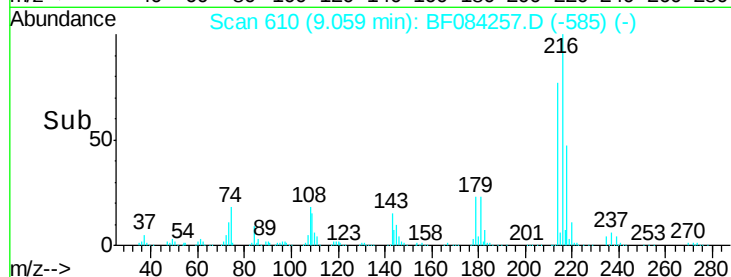
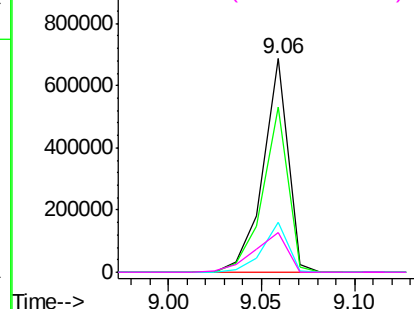


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.95 ng

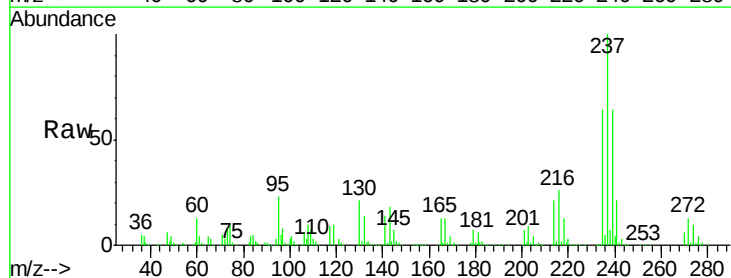
RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

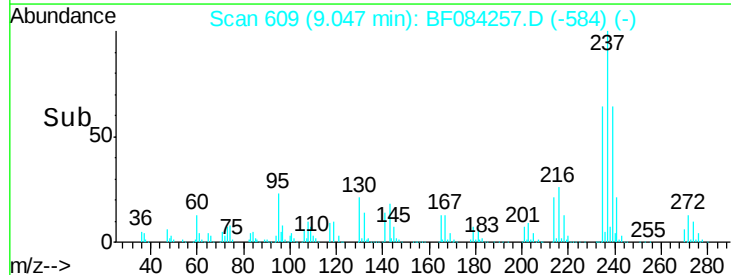
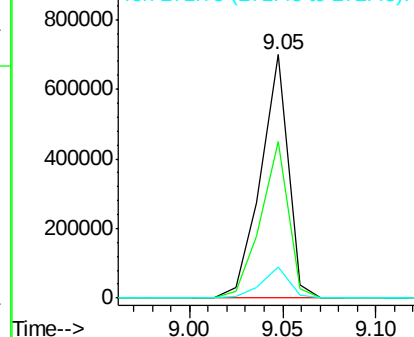
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		717165		
235	64.4		43.1	83.1	
272	12.8		0.0	35.1	

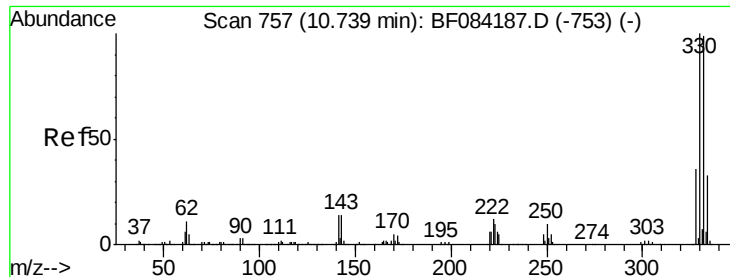


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





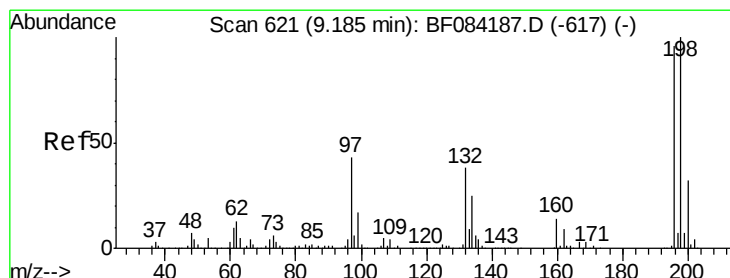
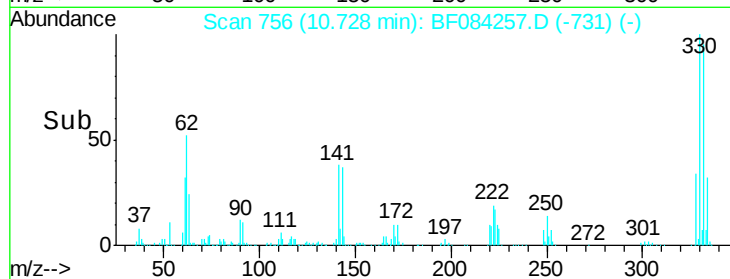
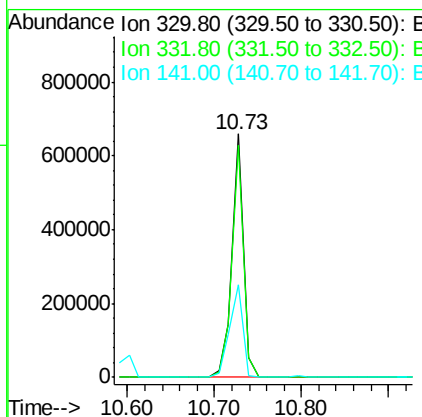
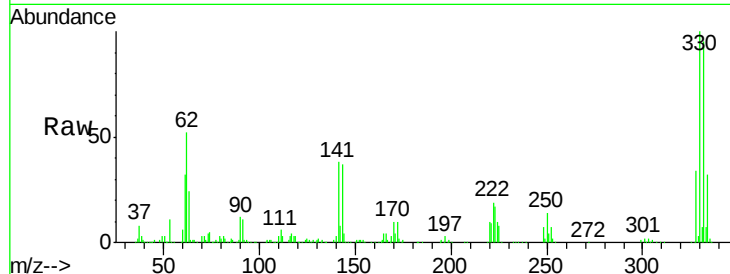
#41
 2,4,6-Tribromophenol
 Concen: 110.51 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	607002		
332	96.3	76.6	114.8	
141	43.4	27.8	41.6	

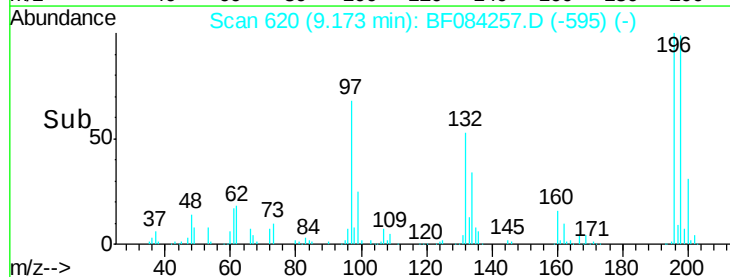
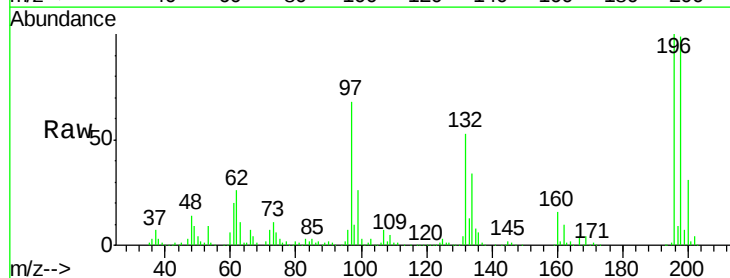
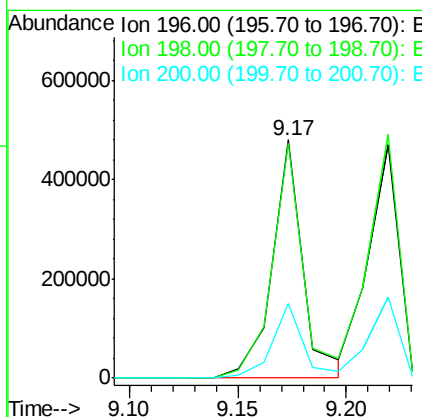
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 40.76 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	476923		
198	98.6	77.7	116.5	
200	31.3	24.6	37.0	





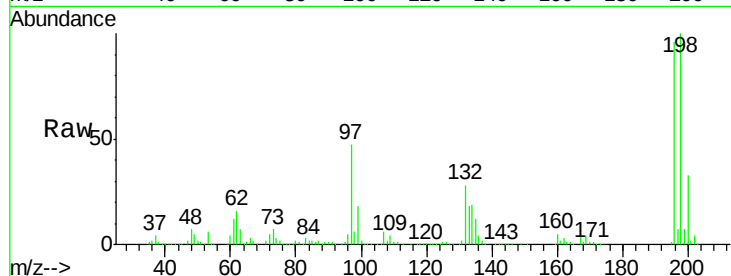
#43
 2,4,5-Trichlorophenol
 Concen: 40.98 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

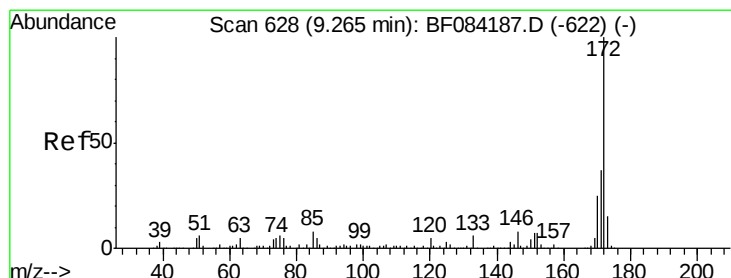
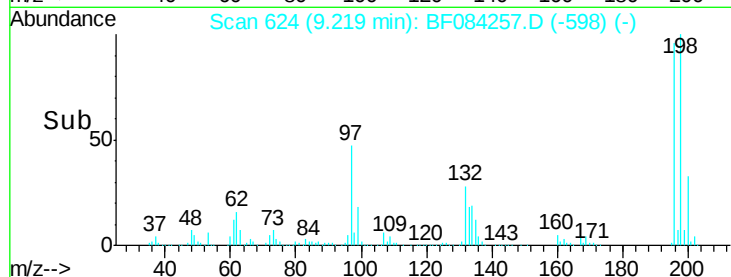
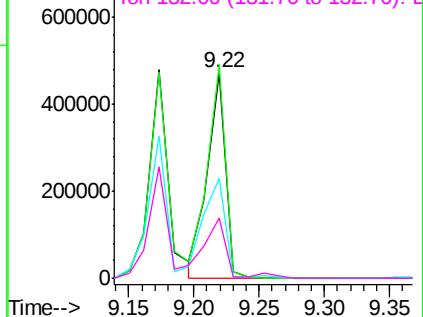
Tot Ion:	196	Resp:	459734
Ion Ratio	Lower	Upper	
196	100		
198	104.2	79.0	118.6
97	48.7	33.0	49.6
132	29.1	21.1	31.7

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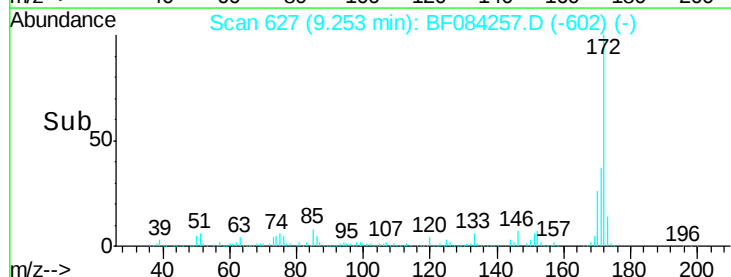
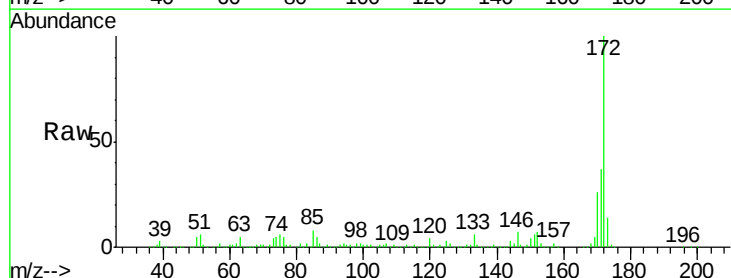
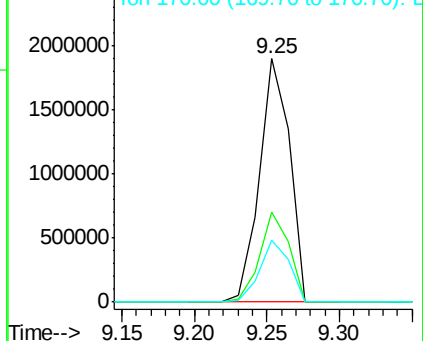
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.05 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion:	172	Resp:	2716225
Ion Ratio	Lower	Upper	
172	100		
171	37.0	28.9	43.3
170	25.6	18.6	27.8

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





#45

1,1'-Biphenyl

Concen: 39.47 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tot Ion:154 Resp: 1706627

Ion Ratio Lower Upper

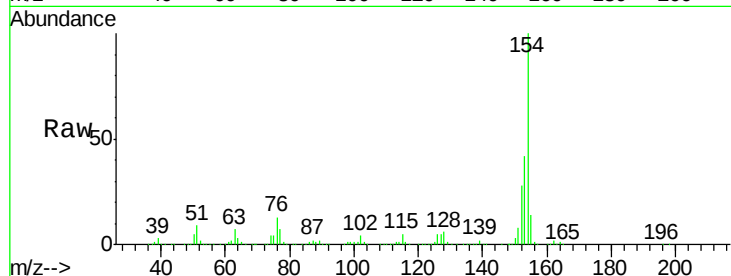
154 100

153 41.7 21.6 61.6

76 13.1 0.0 32.7

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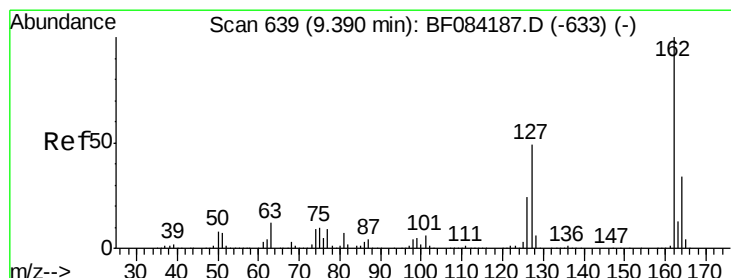
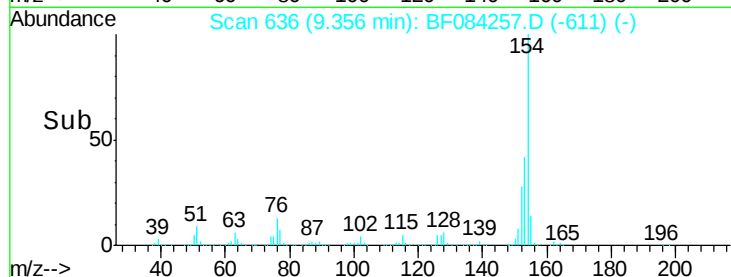
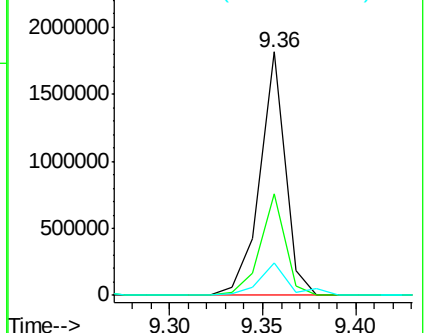
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.83 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

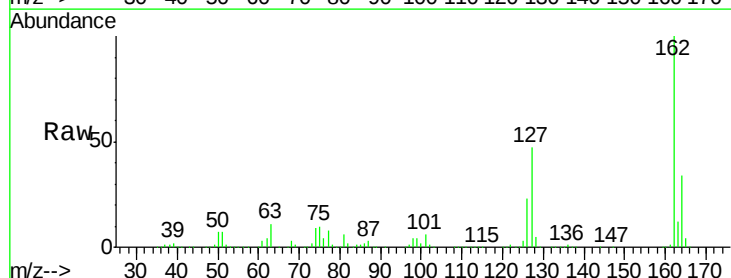
Tgt Ion:162 Resp: 1285059

Ion Ratio Lower Upper

162 100

127 47.1 40.2 60.4

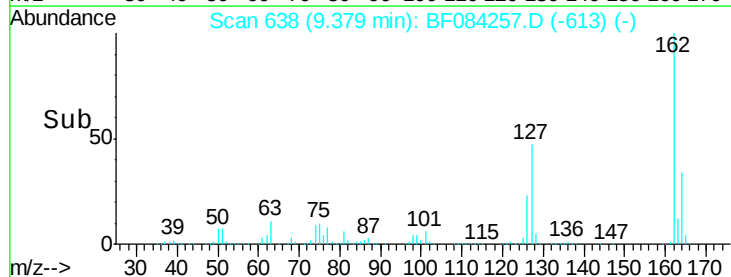
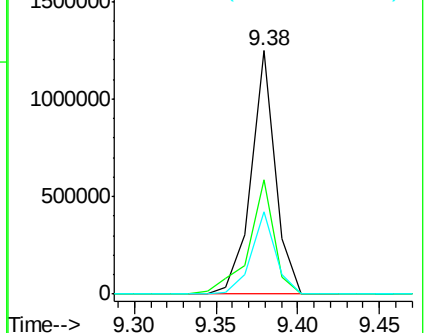
164 33.6 25.7 38.5

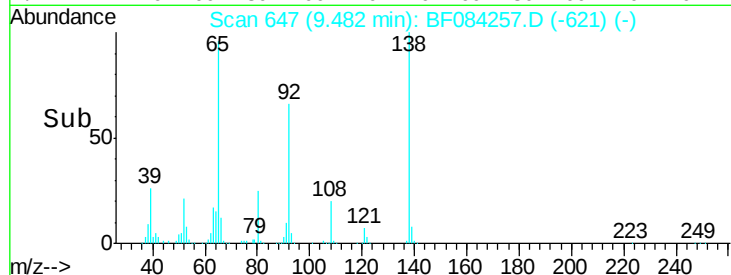
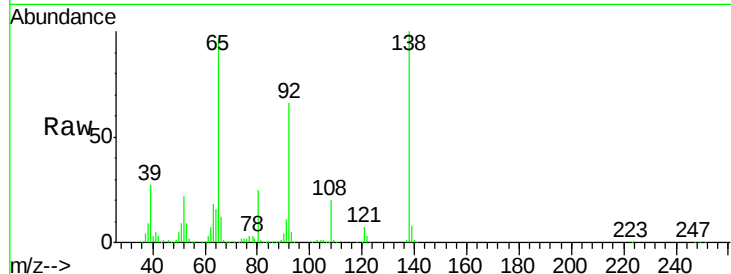
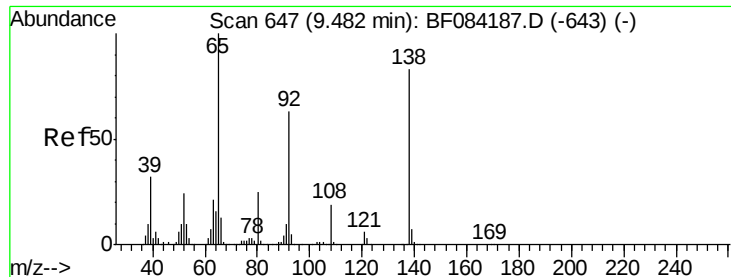


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





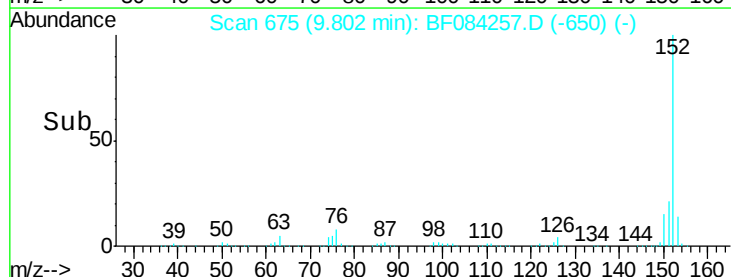
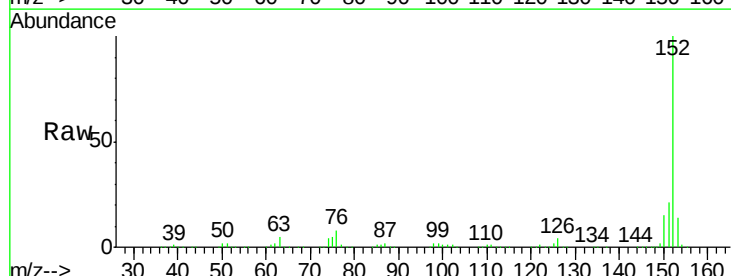
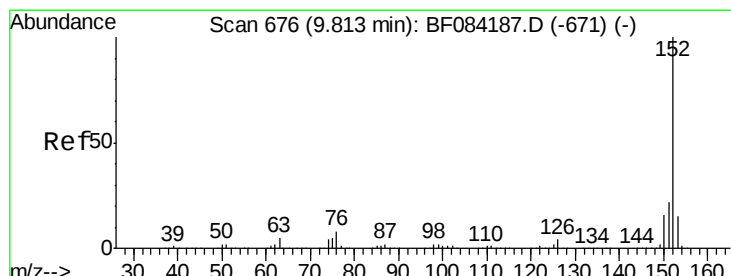
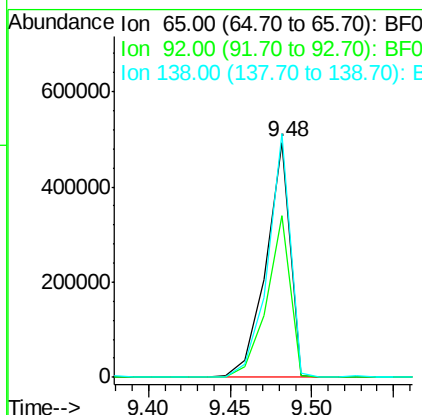
#47
2-Nitroaniline
Concen: 45.38 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.4	80.2
138	103.6	71.1	106.7

Instrument :
BNA_F
ClientSampleId :
PB87631BS

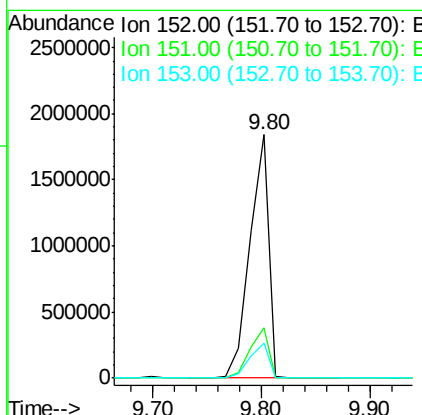
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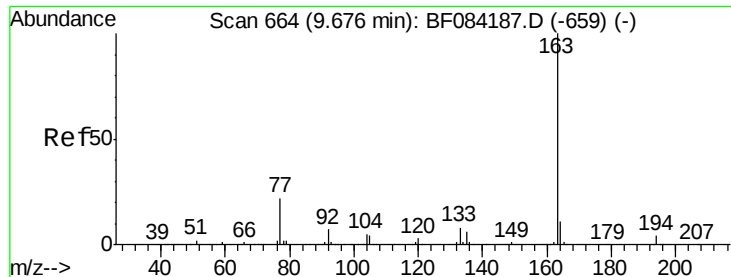
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#48
Acenaphthylene
Concen: 43.88 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.4	10.4	15.6





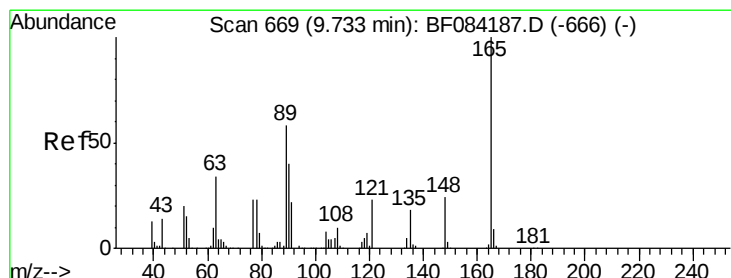
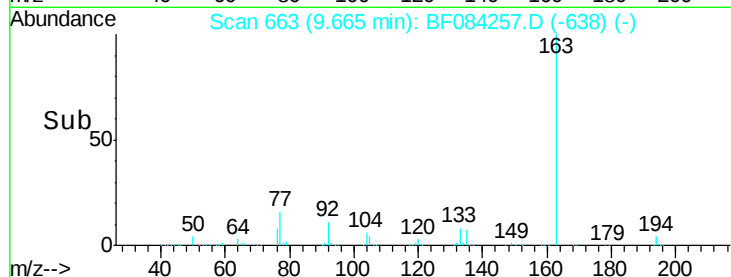
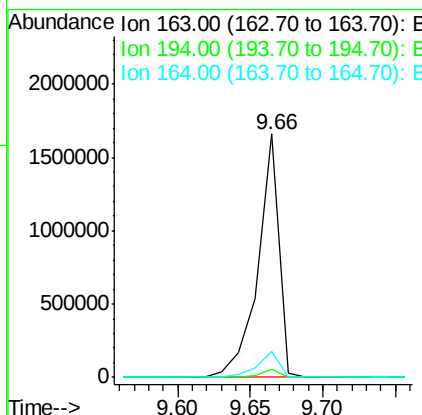
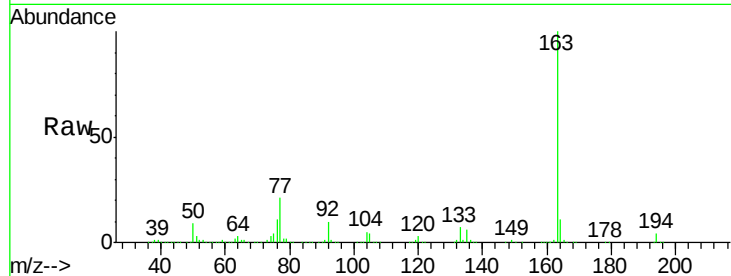
#49
Dimethylphthalate
Concen: 42.84 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion:163 Resp: 1666118
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 10.6 8.0 12.0

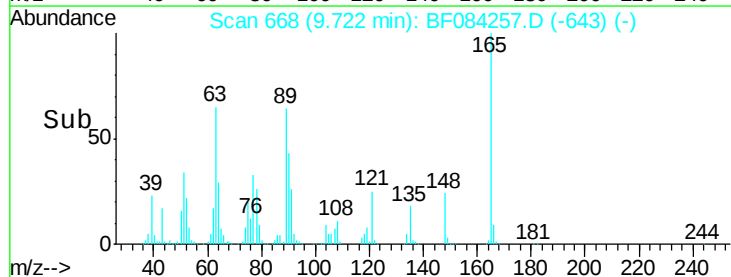
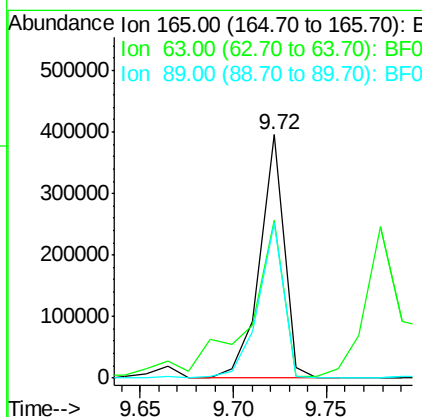
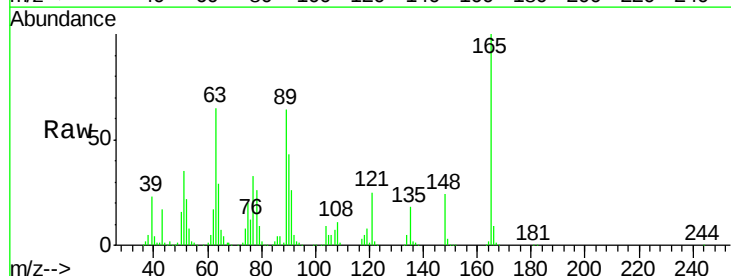
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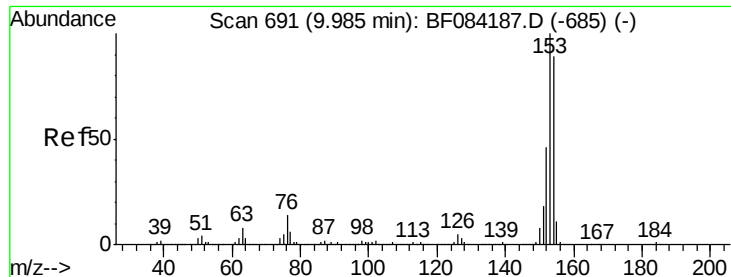
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#50
2,6-Dinitrotoluene
Concen: 41.91 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:165 Resp: 357546
Ion Ratio Lower Upper
165 100
63 64.7 28.8 43.2#
89 63.6 35.1 52.7#





#51

Acenaphthene

Concen: 47.19 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tot Ion:154 Resp: 1588493

Ion Ratio Lower Upper

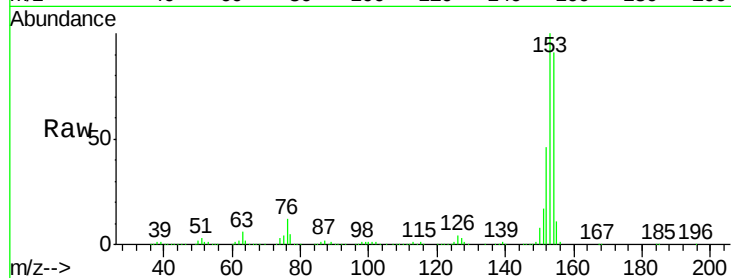
154 100

153 109.9 91.5 137.3

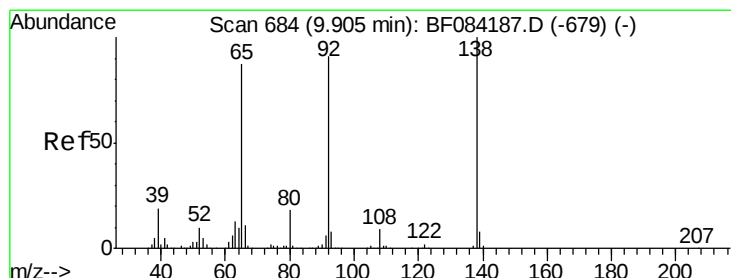
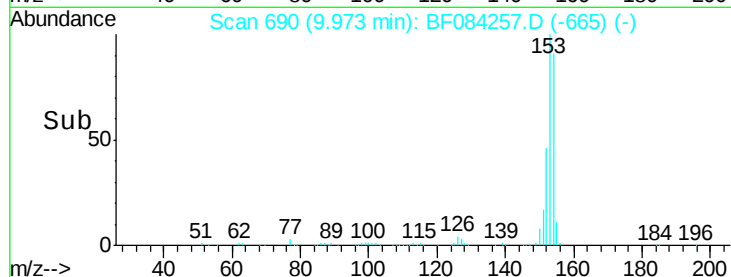
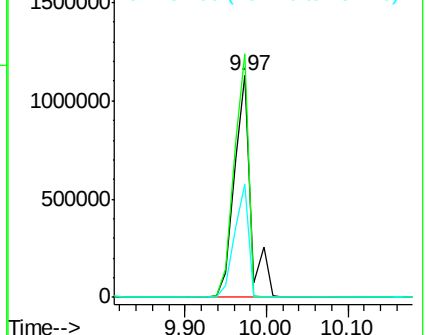
152 50.8 43.0 64.6

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



#52

3-Nitroaniline

Concen: 21.55 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

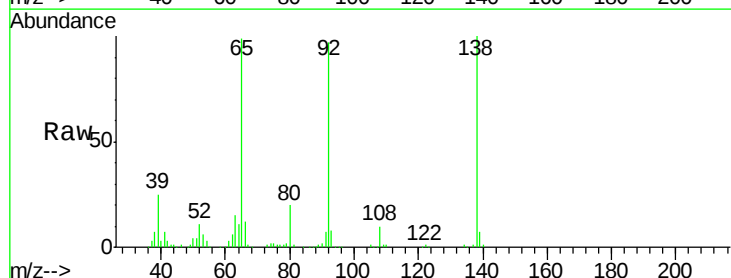
Tgt Ion:138 Resp: 227837

Ion Ratio Lower Upper

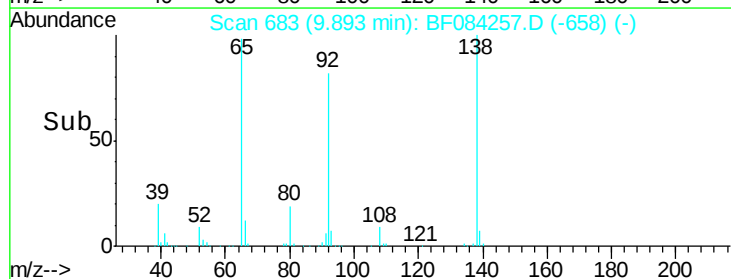
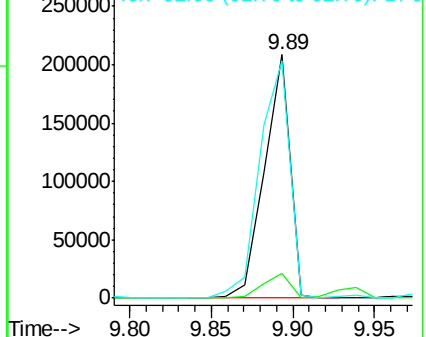
138 100

108 9.9 10.5 15.7#

92 97.5 103.9 155.9#



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





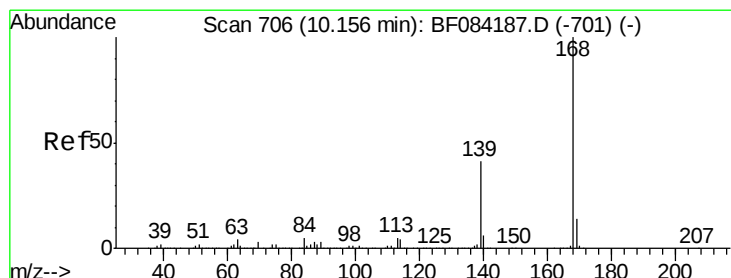
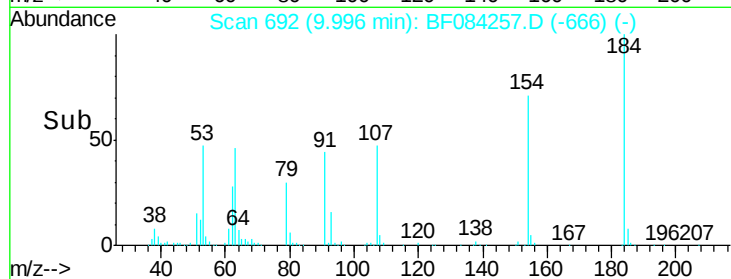
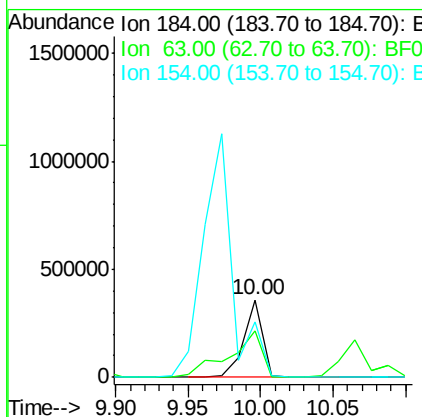
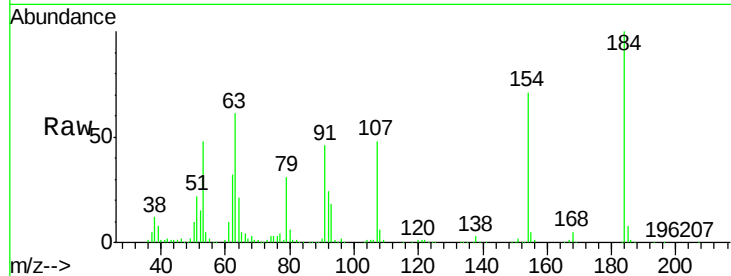
#53
2,4-Dinitrophenol
Concen: 88.87 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	324471		
63	60.7	43.1	64.7	
154	71.1	60.5	90.7	

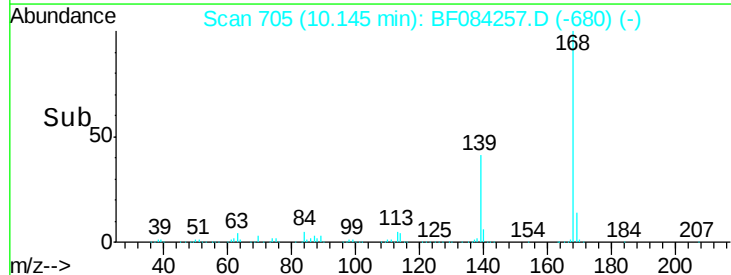
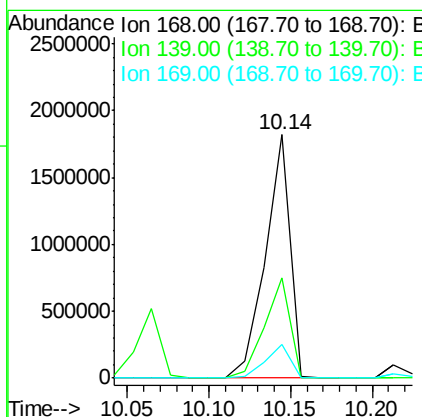
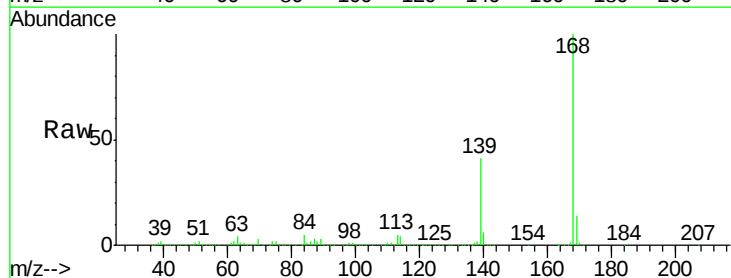
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#54
Dibenzofuran
Concen: 43.89 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1916674		
139	41.0	30.5	45.7	
169	14.1	10.4	15.6	





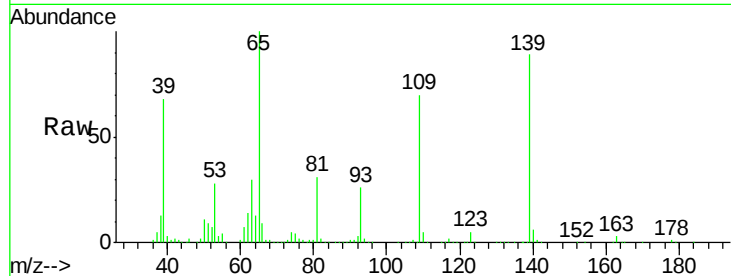
#55
4-Nitrophenol
Concen: 68.75 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleID :
PB87631BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	78.8	58.5	98.5	
65	112.7	57.6	97.6	

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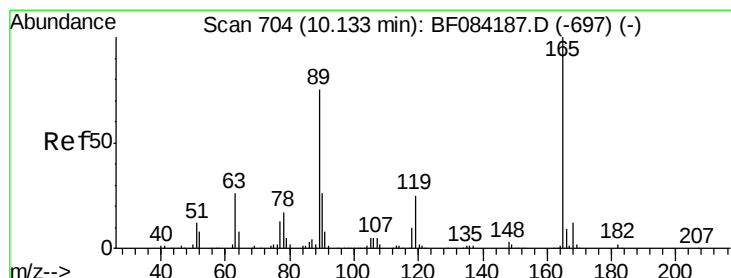
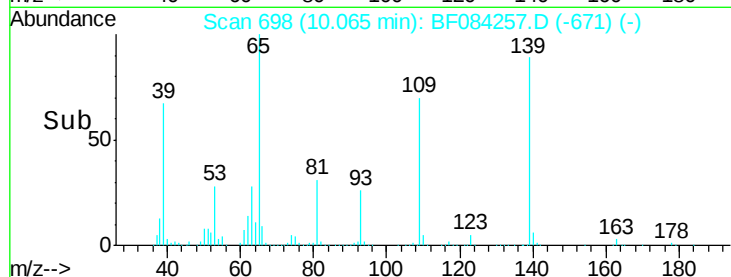
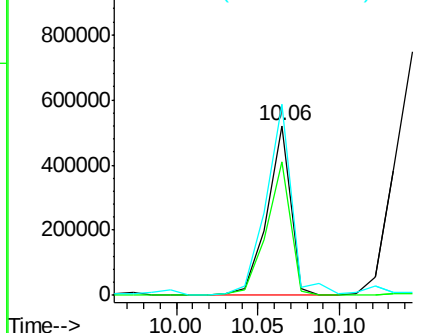


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56
2,4-Dinitrotoluene
Concen: 39.77 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.5	36.7	55.1	
89	90.8	61.9	92.9	
182	1.9	2.0	3.0	

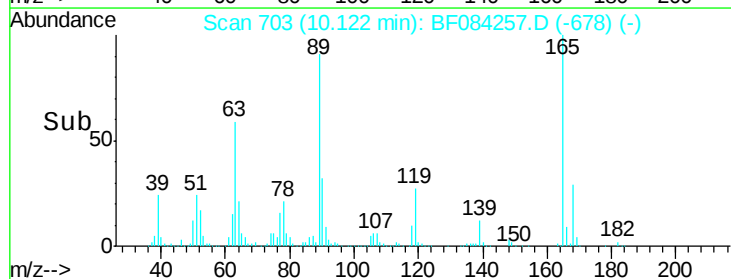
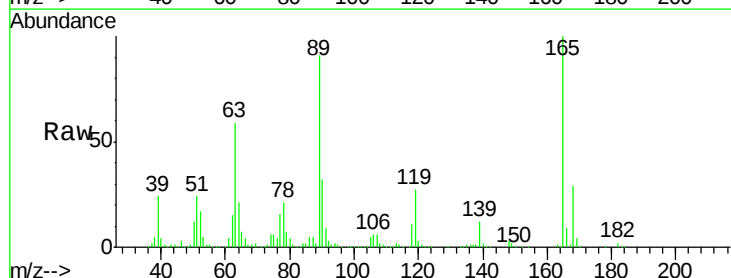
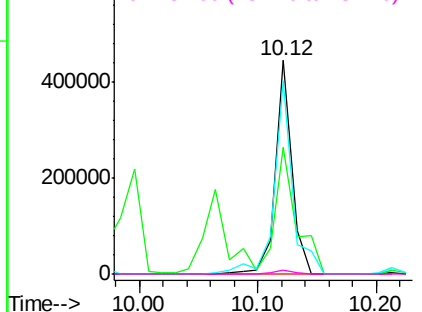
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.08 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tot Ion:166 Resp: 1455697

Ion Ratio Lower Upper

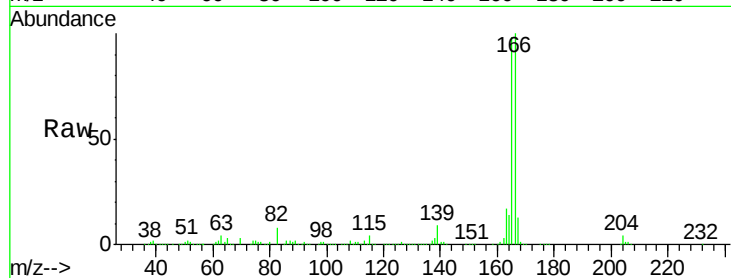
166 100

165 97.8 79.1 118.7

167 13.3 10.4 15.6

Manual Integrations
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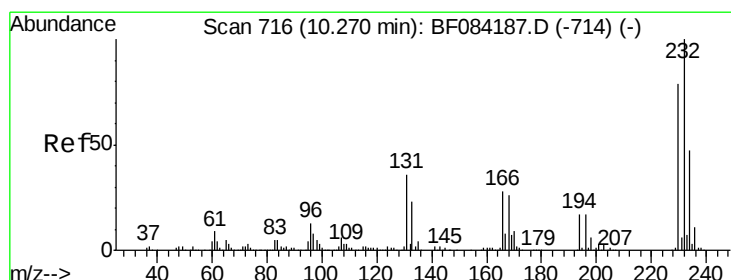
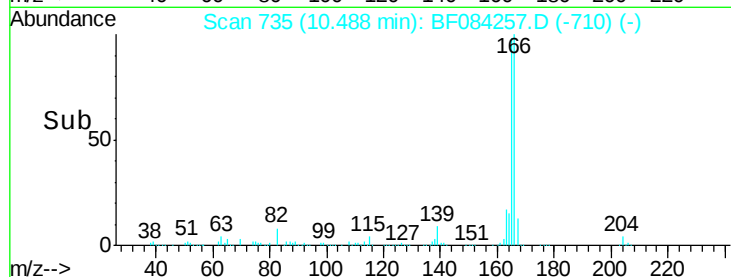
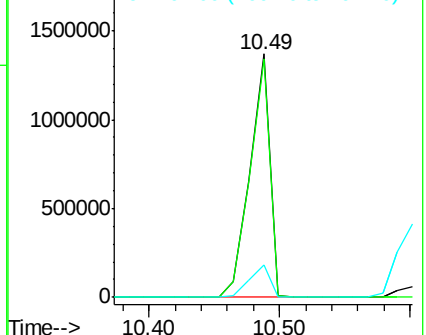
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.83 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:232 Resp: 362353

Ion Ratio Lower Upper

232 100

131 55.8 47.0 70.6

130 2.5 2.0 3.0

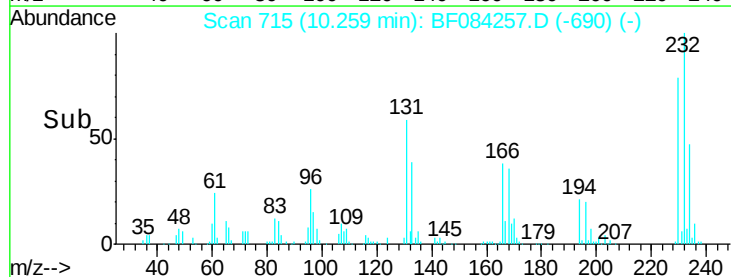
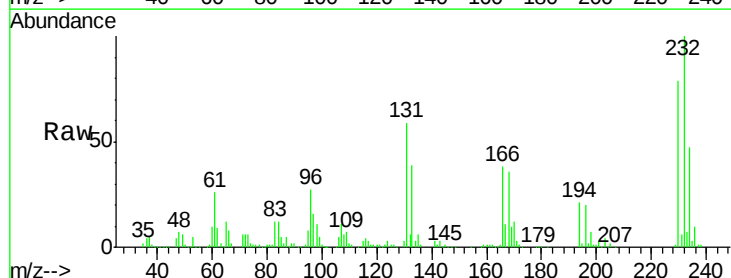
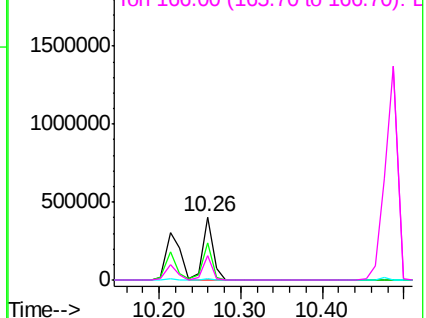
166 34.8 30.5 45.7

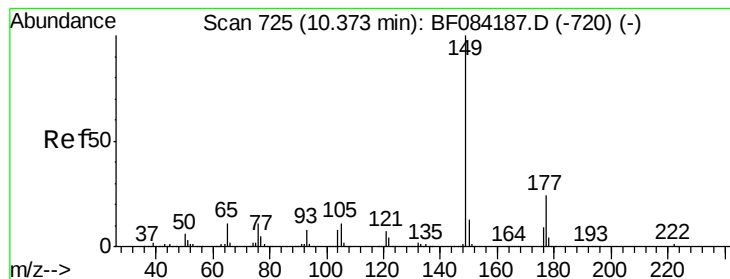
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.92 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tot Ion:149 Resp: 1530747

Ion Ratio Lower Upper

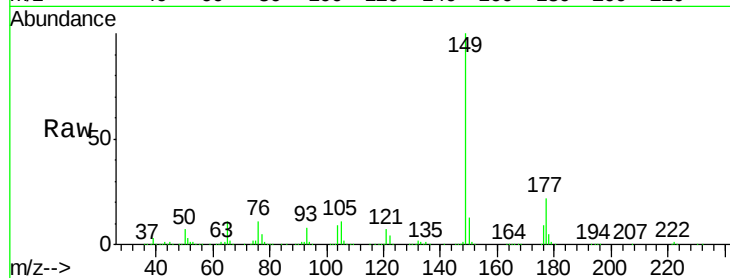
149 100

177 22.4 17.3 25.9

150 13.1 9.8 14.8

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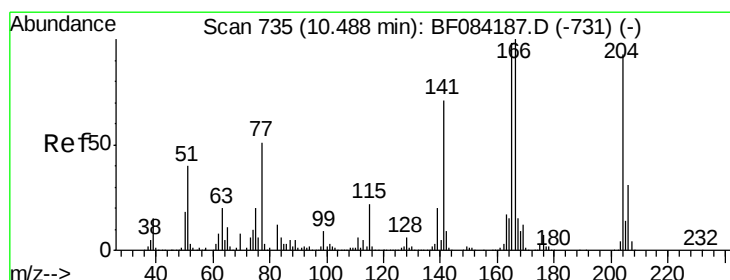
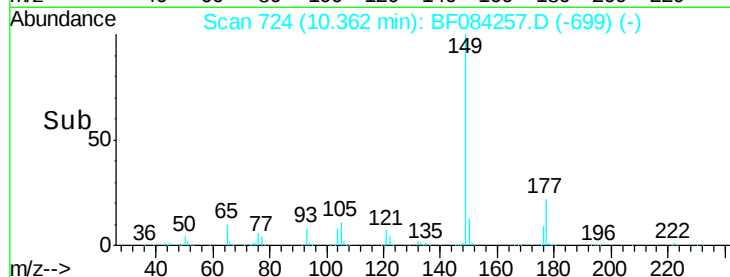
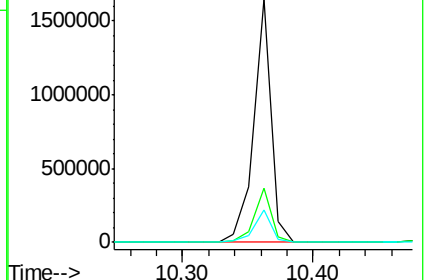
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.00 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

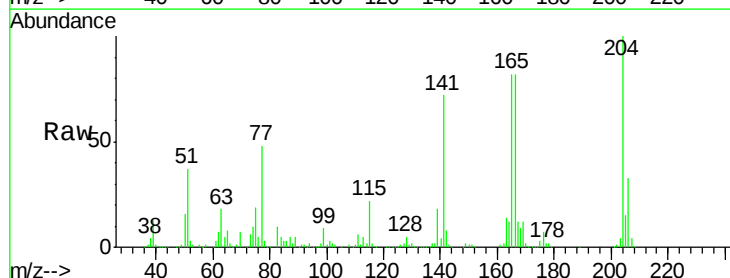
Tgt Ion:204 Resp: 663516

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

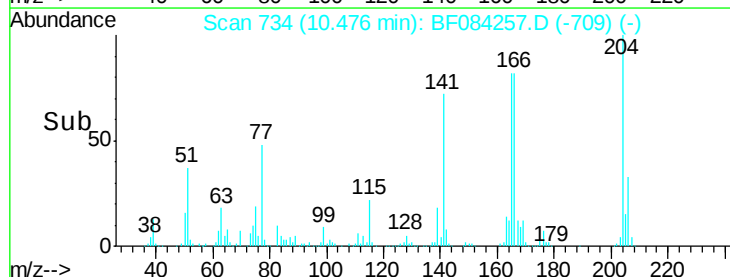
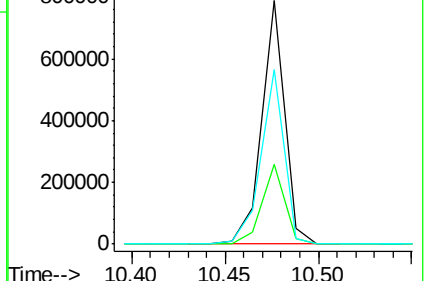
141 71.7 55.1 82.7



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: 40.82 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

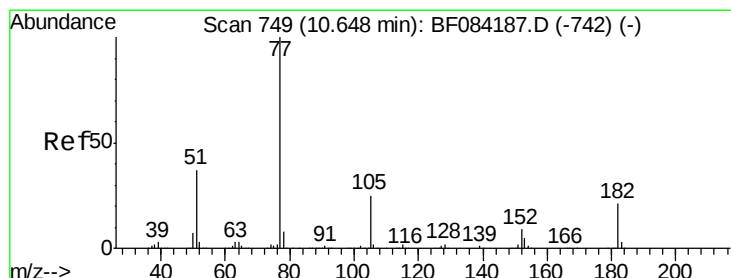
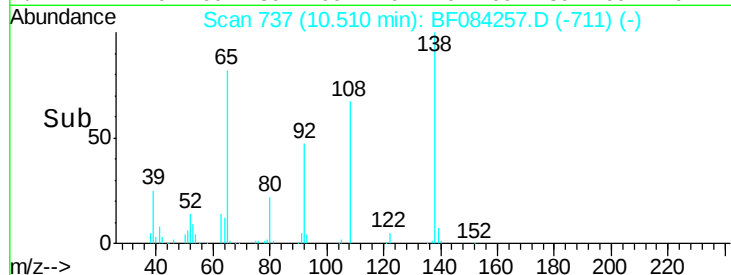
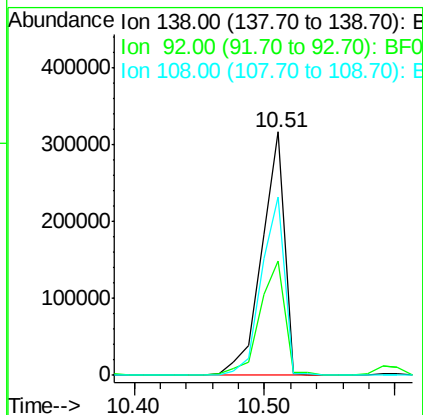
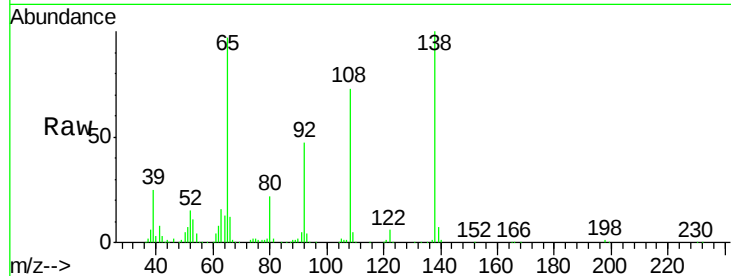
ClientSampleId :

PB87631BS

Tot Ion:	138	Resp:	384621
Ion Ratio	Lower	Upper	
138	100		
92	46.8	32.6	72.6
108	73.0	68.6	108.6

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#62

Azobenzene

Concen: 41.21 ng

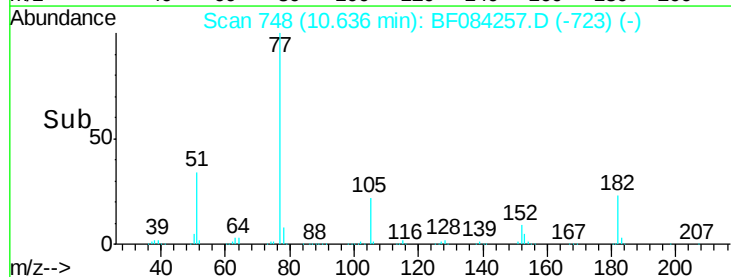
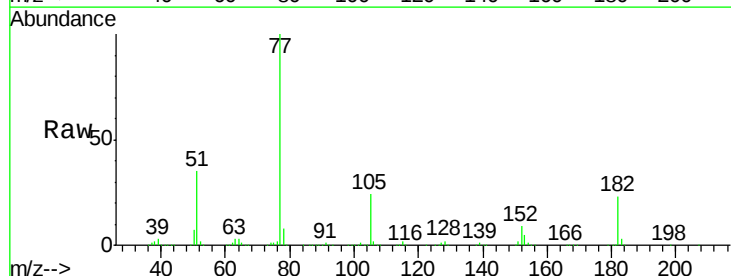
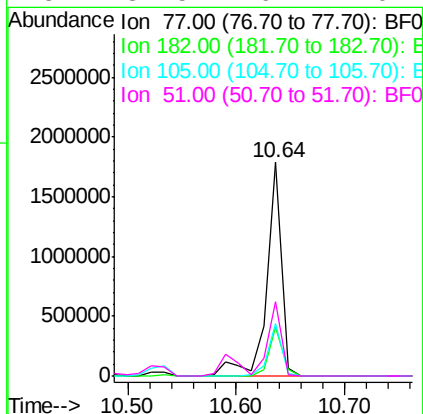
RT: 10.64 min Scan# 748

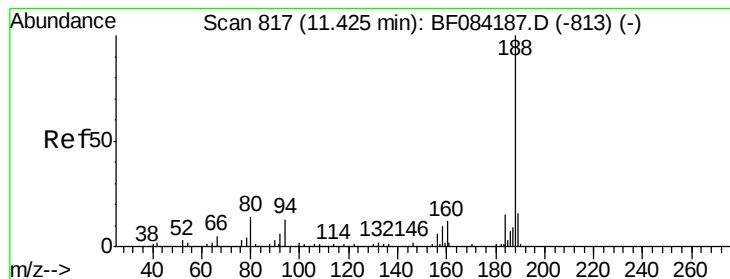
Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:	77	Resp:	1733488
Ion Ratio	Lower	Upper	
77	100		
182	22.9	8.3	48.3
105	24.4	4.6	44.6
51	34.5	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

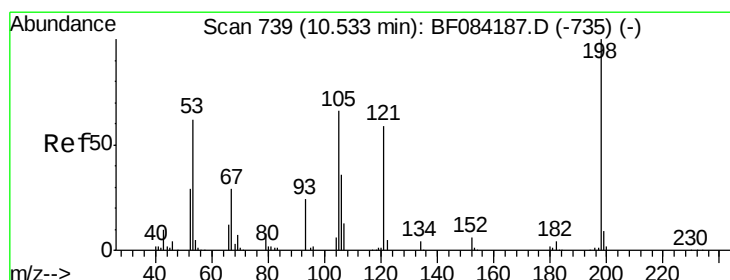
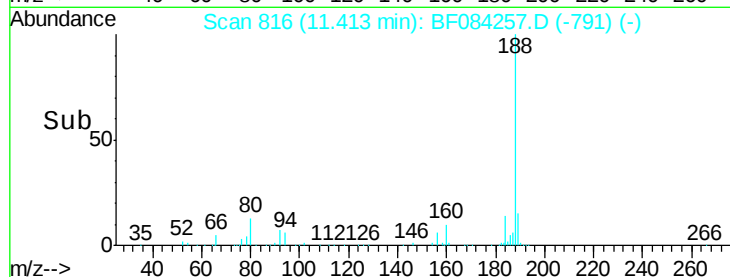
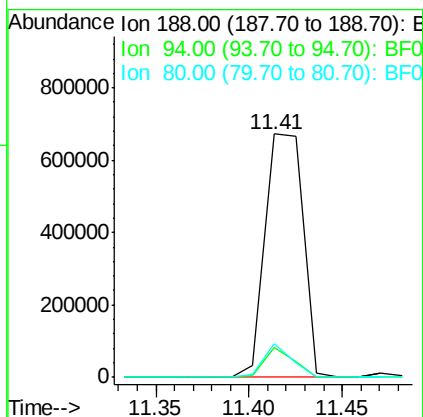
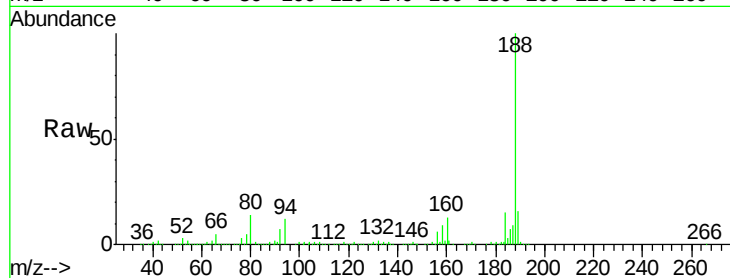
ClientSampleId :

PB87631BS

Tot Ion:	188	Resp:	950867
Ion Ratio	Lower	Upper	
188	100		
94	12.5	9.0	13.4
80	13.8	9.6	14.4

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 39.11 ng

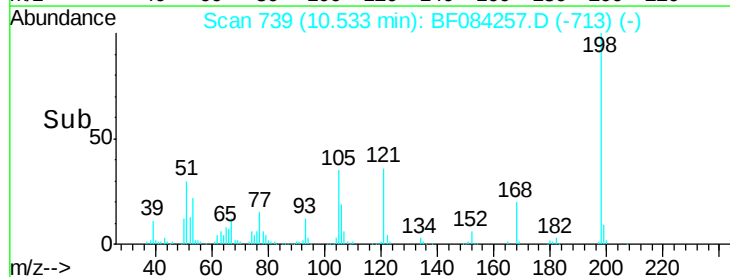
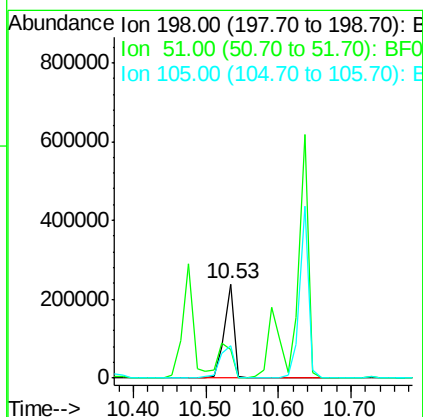
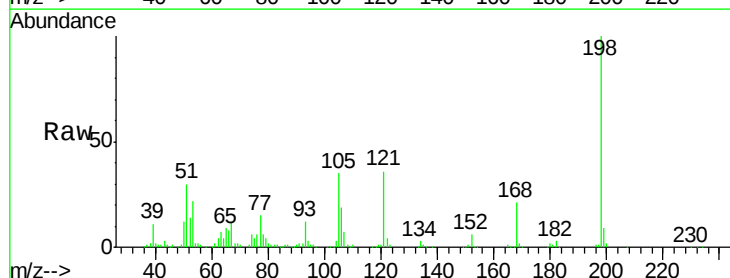
RT: 10.53 min Scan# 739

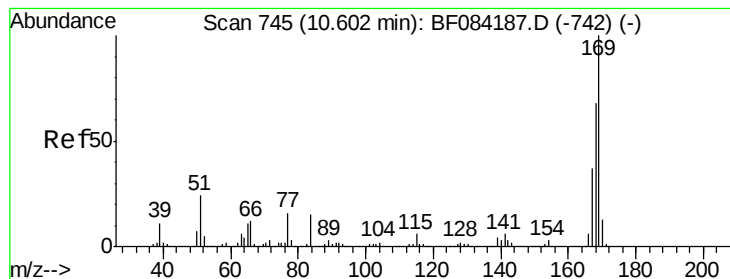
Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:	198	Resp:	227202
Ion Ratio	Lower	Upper	
198	100		
51	29.7	18.9	58.9
105	35.0	26.4	66.4





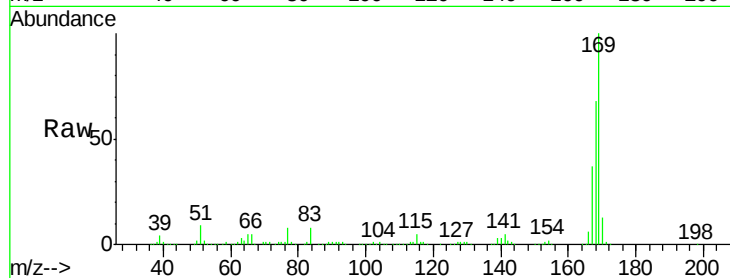
#65
n-Nitrosodiphenylamine
Concen: 43.15 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampled :
PB87631BS

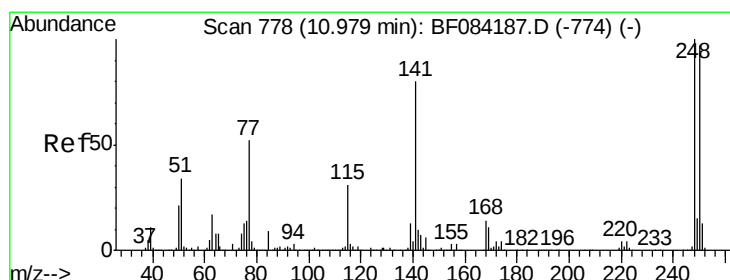
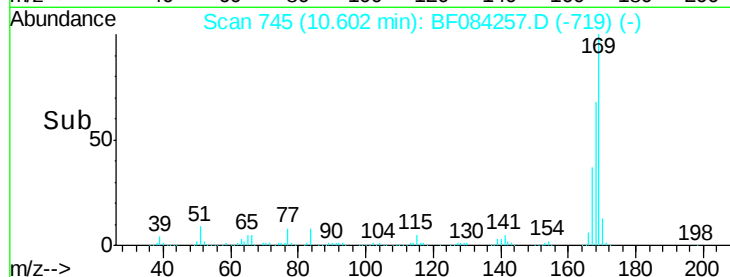
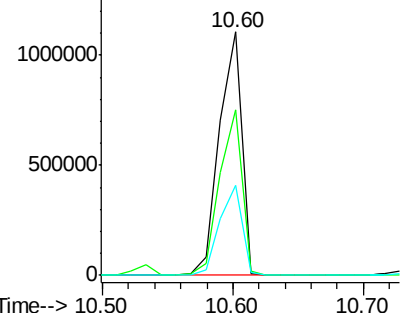
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.1	82.7
167	37.2	30.0	45.0

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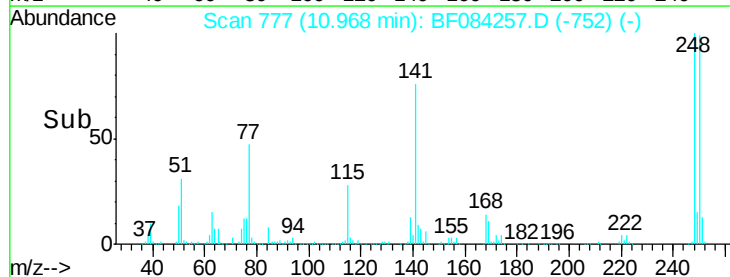
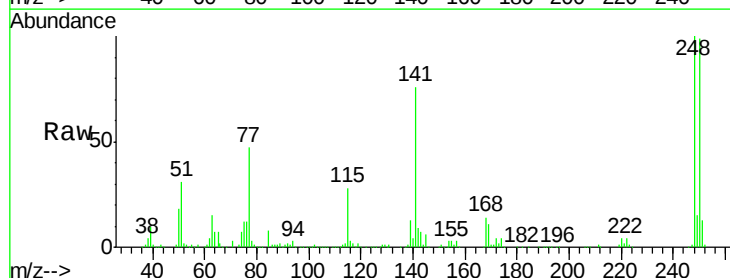
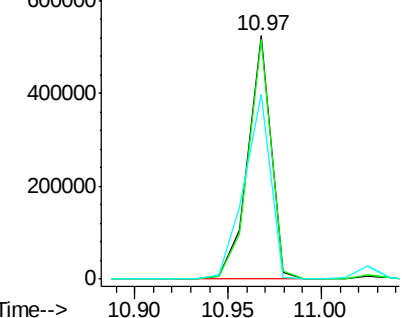
Abundance Ion 169.00 (168.70 to 169.70): E
1500000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

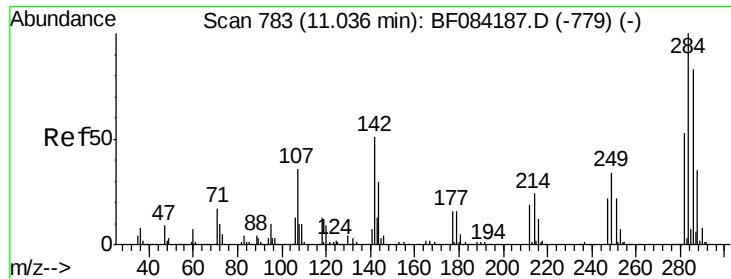


#66
4-Bromophenyl-phenylether
Concen: 43.72 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.4	117.6
141	75.7	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: 39.46 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

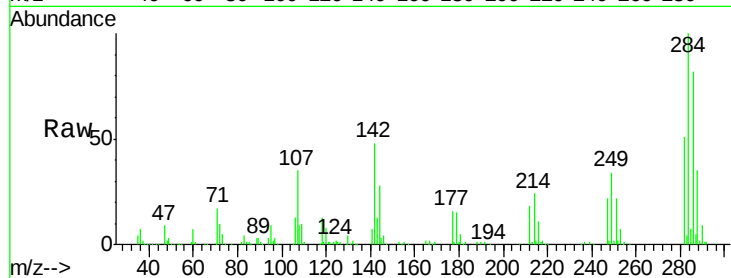
ClientSampled :

PB87631BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	454547		
142	48.4	22.2	33.4#	
249	34.3	24.6	37.0	

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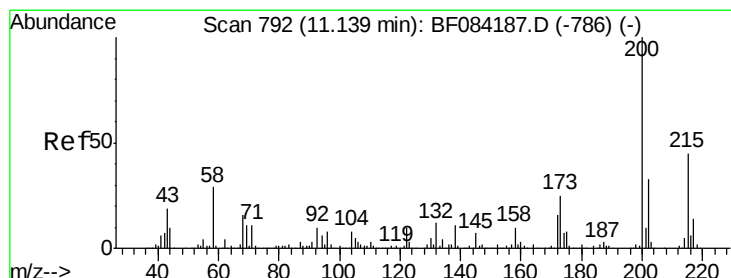
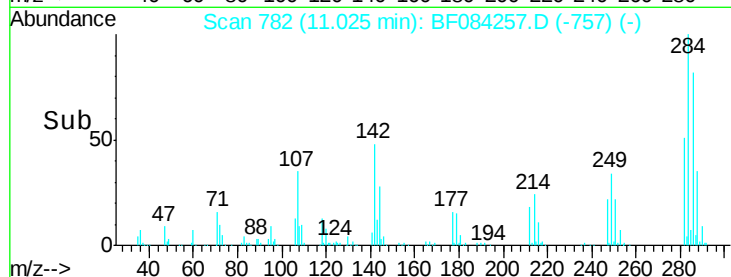
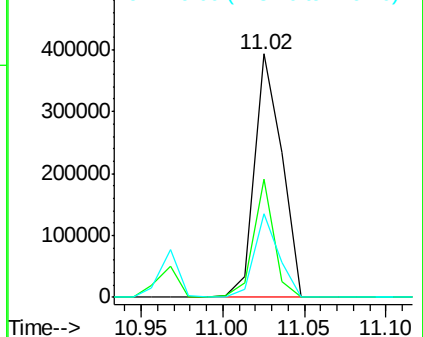
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.78 ng

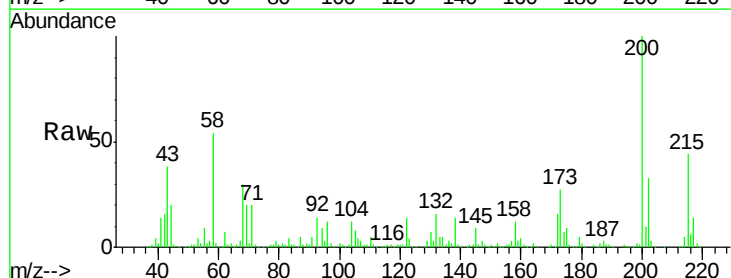
RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

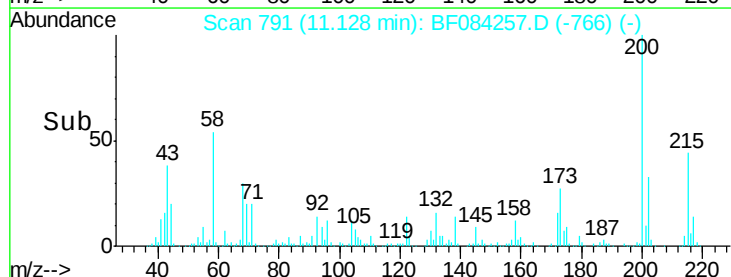
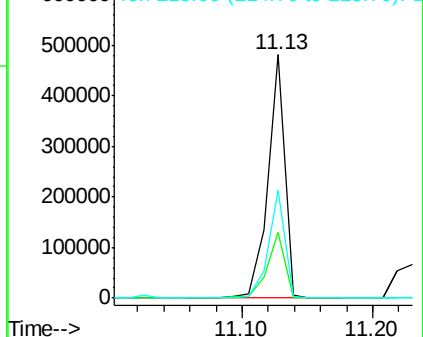
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	435589		
173	27.0	9.5	49.5	
215	44.4	23.8	63.8	



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: 73.11 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampled :

PB87631BS

Tot Ion:266 Resp: 436648

Ion Ratio Lower Upper

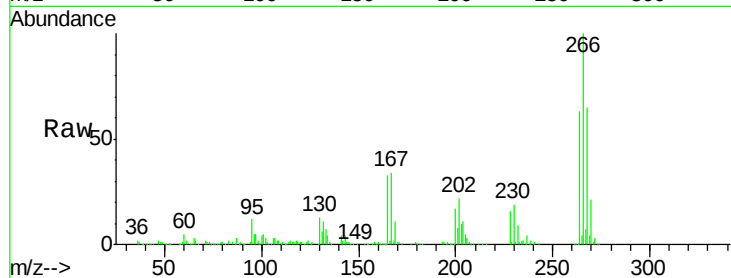
266 100

268 64.8 52.4 78.6

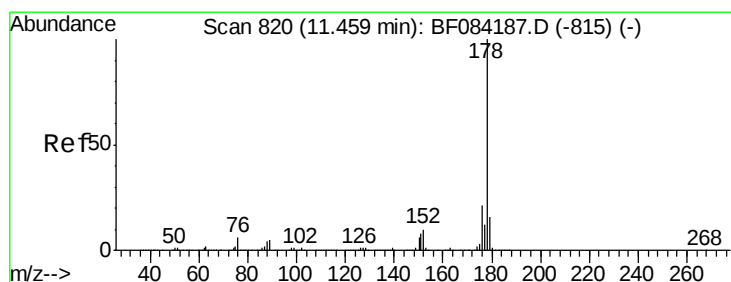
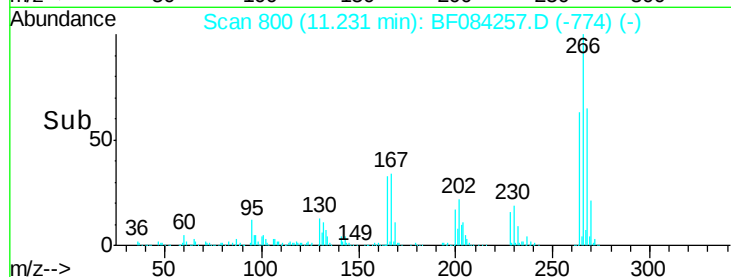
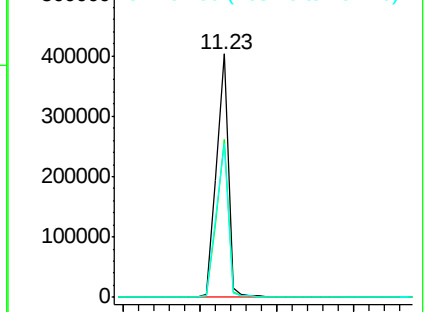
264 63.0 50.2 75.2

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



#70

Phenanthrene

Concen: 43.30 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

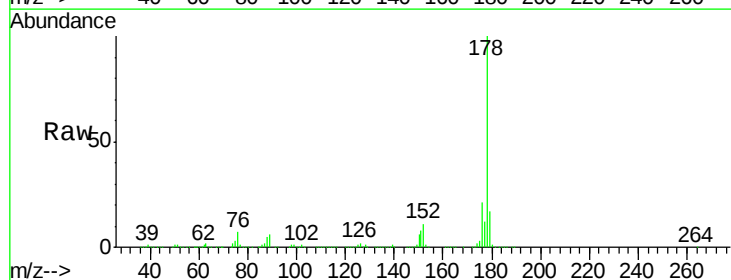
Tgt Ion:178 Resp: 2153462

Ion Ratio Lower Upper

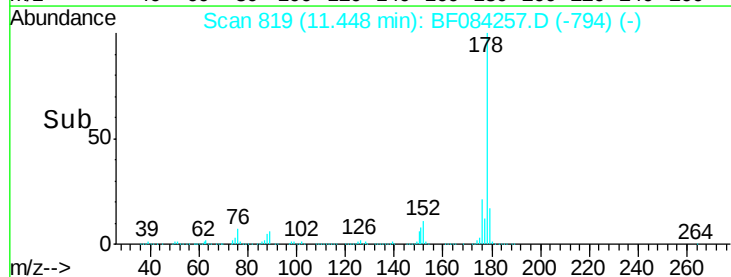
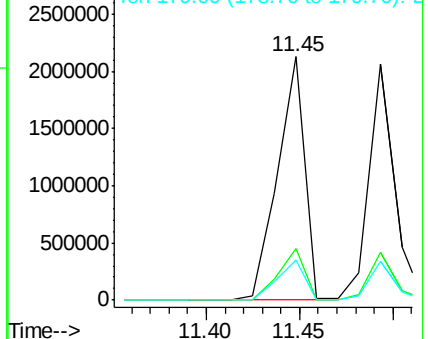
178 100

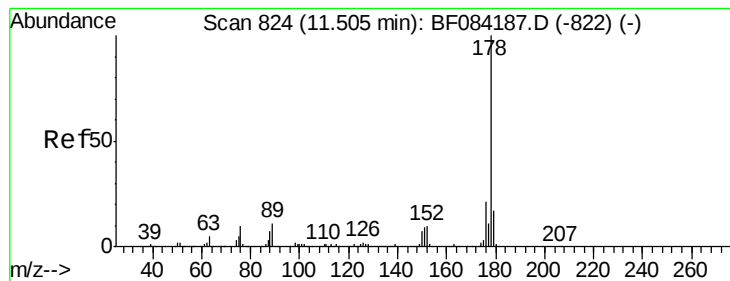
176 21.2 15.3 22.9

179 16.7 12.0 18.0



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





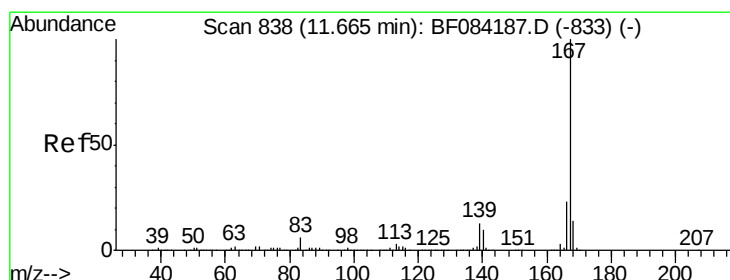
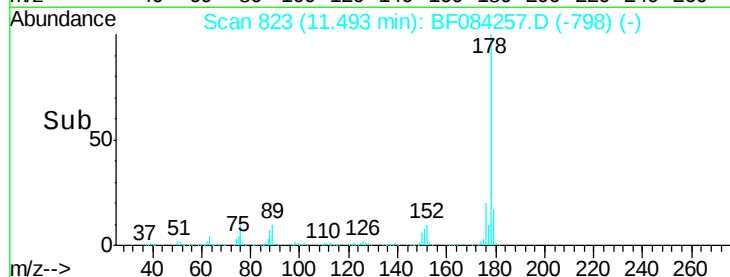
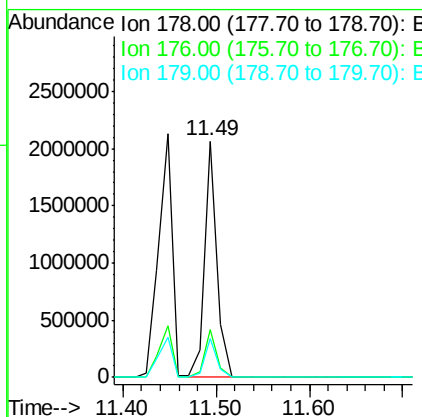
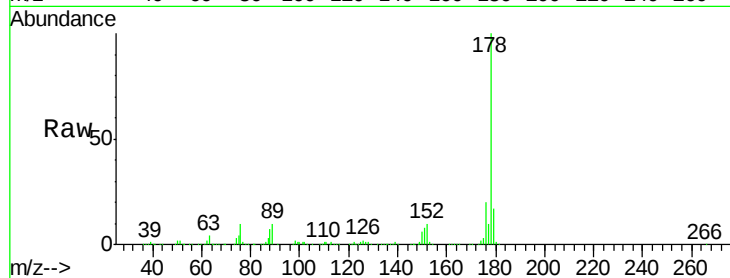
#71
 Anthracene
 Concen: 39.28 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tot Ion:178 Resp: 1915063
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.0
 179 16.6 12.5 18.7

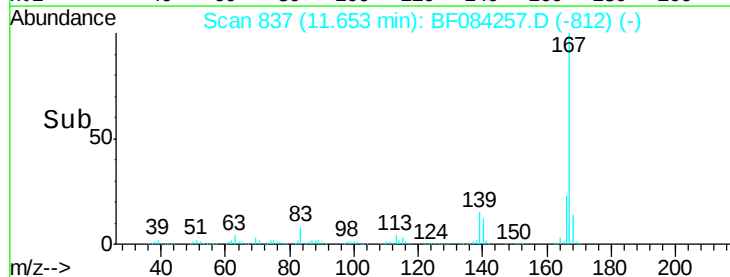
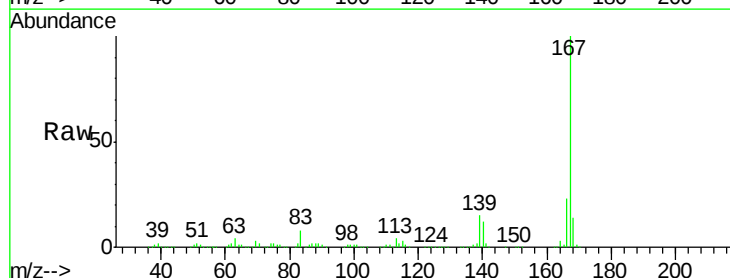
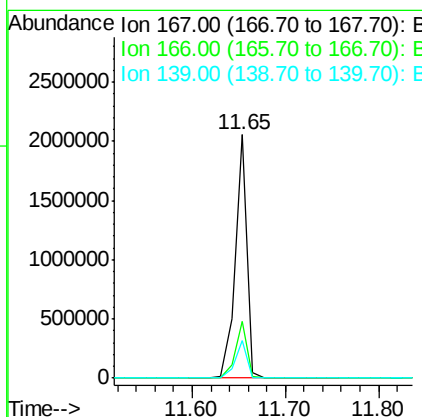
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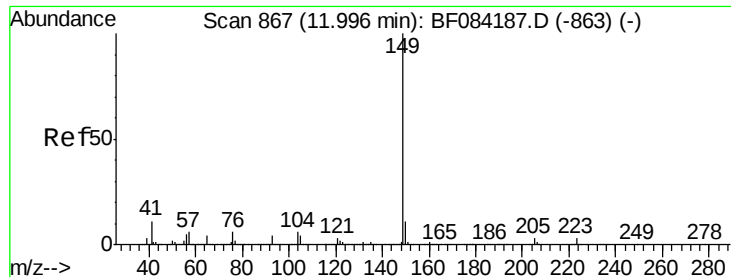
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#72
 Carbazole
 Concen: 37.88 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion:167 Resp: 1805651
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.6 26.4
 139 15.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 42.68 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

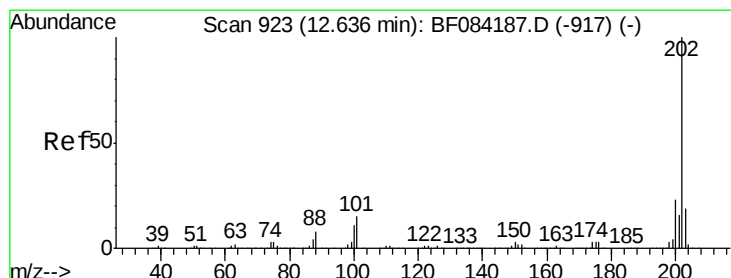
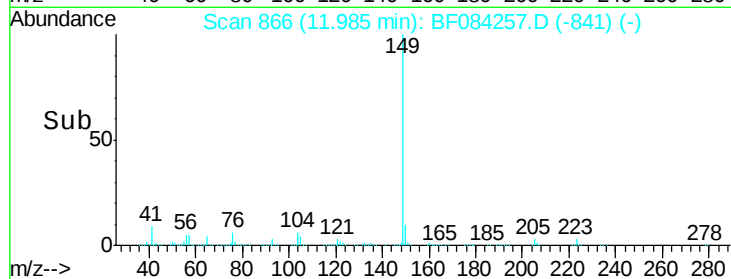
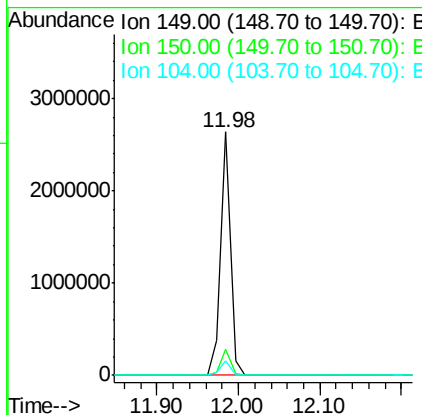
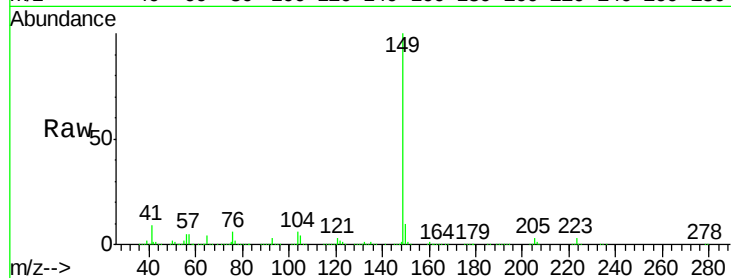
PB87631BS

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Tot Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.1	10.7
104	6.2	3.2	4.8



#74

Fluoranthene

Concen: 36.01 ng

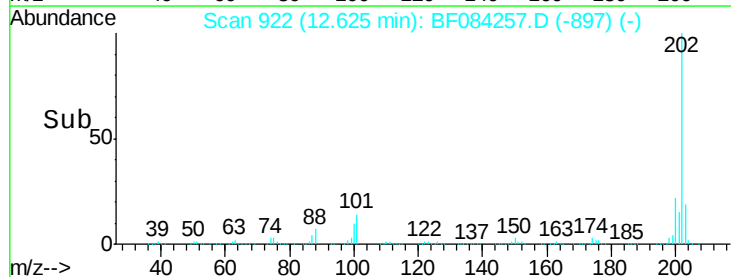
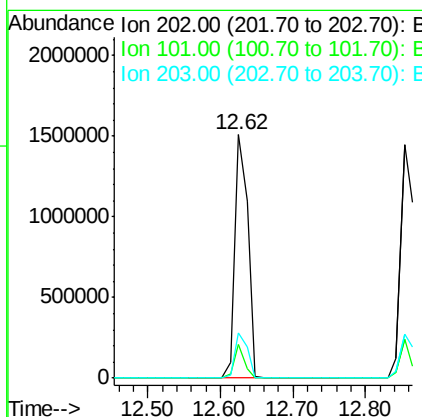
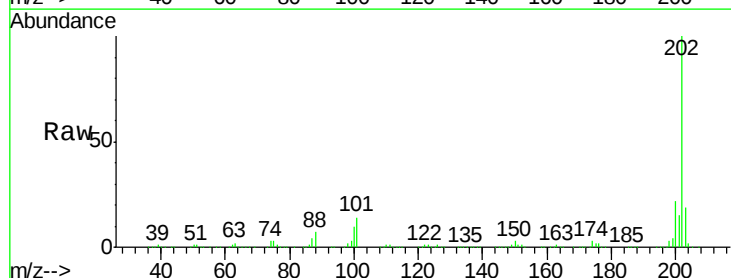
RT: 12.62 min Scan# 922

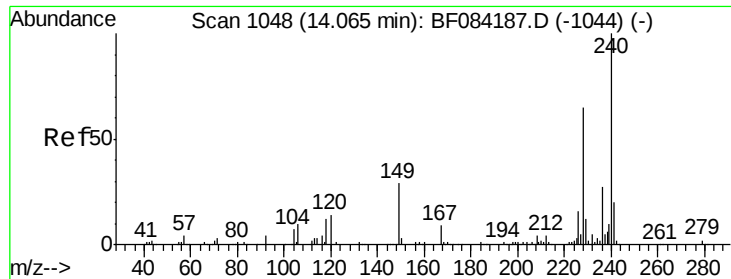
Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	32.8
203	18.6	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

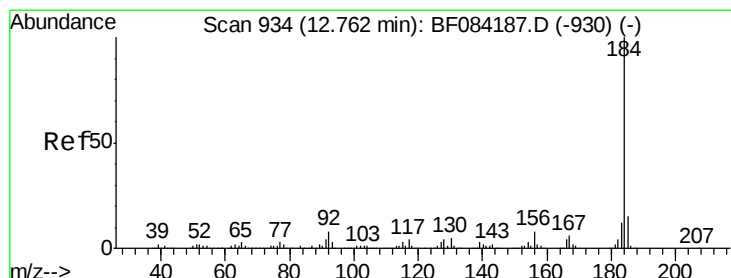
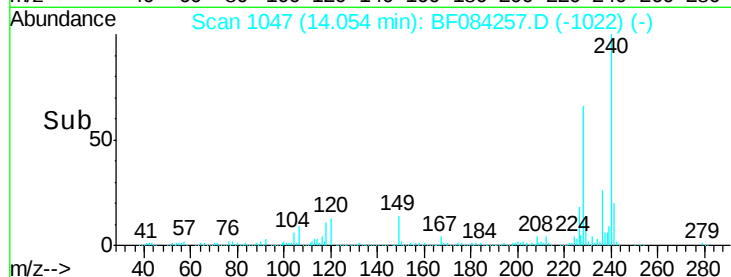
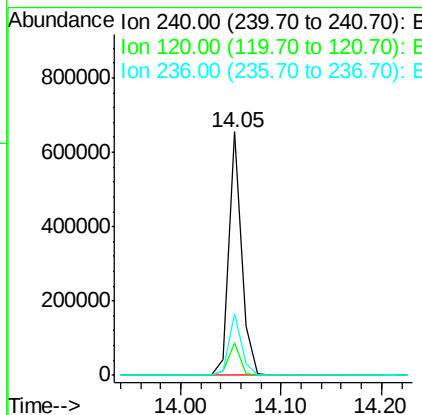
ClientSampleId :

PB87631BS

Tot Ion:	240	Resp:	575581
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	25.6	20.6	31.0

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#76

Benzidine

Concen: 30.80 ng

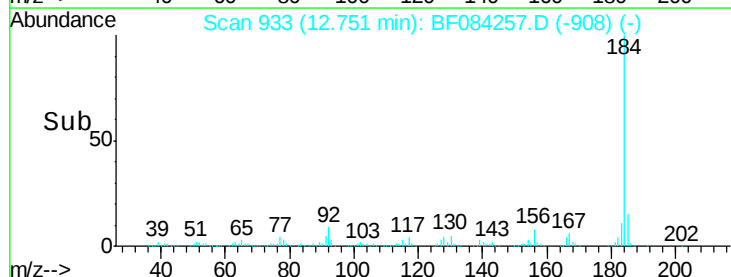
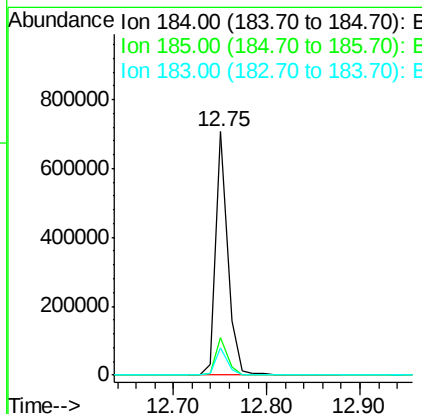
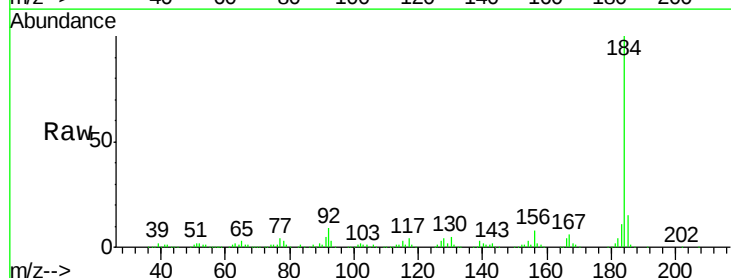
RT: 12.75 min Scan# 933

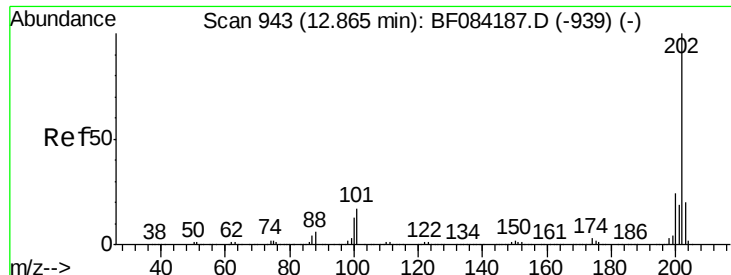
Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:	184	Resp:	635735
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	11.1	9.8	14.8





#77

Pvrene

Concen: 40.68 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tot Ion:202 Resp: 1837218

Ion Ratio Lower Upper

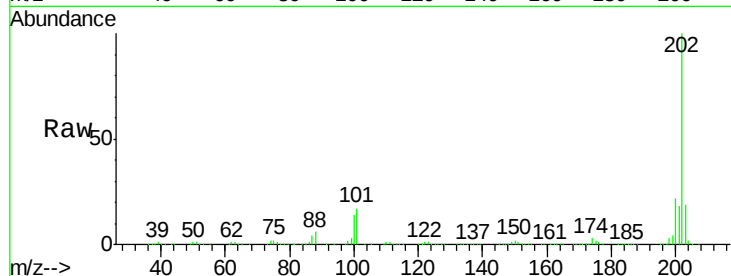
202 100

200 21.6 17.2 25.8

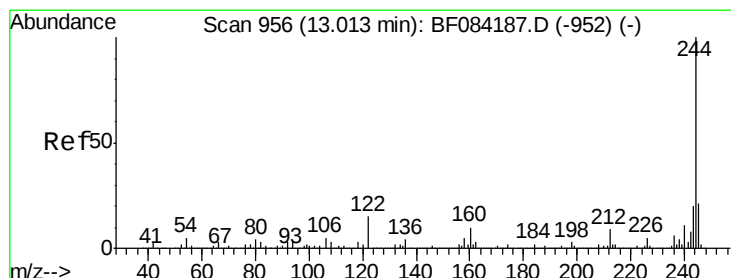
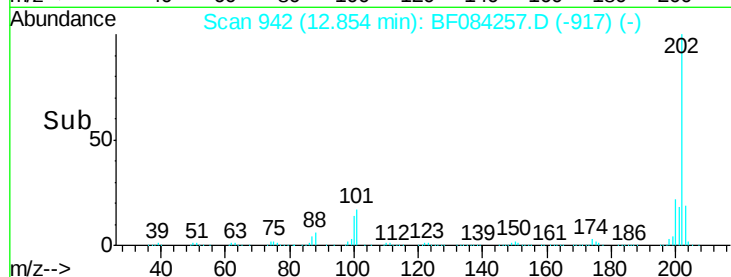
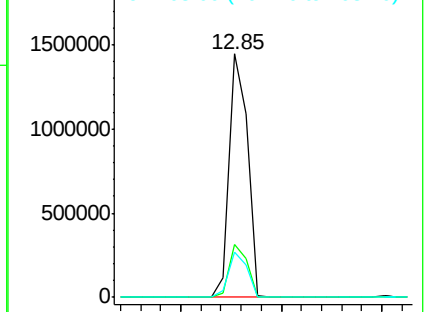
203 18.8 14.3 21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.17 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

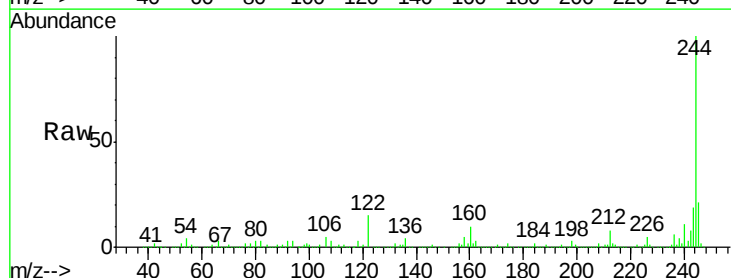
Tgt Ion:244 Resp: 2067302

Ion Ratio Lower Upper

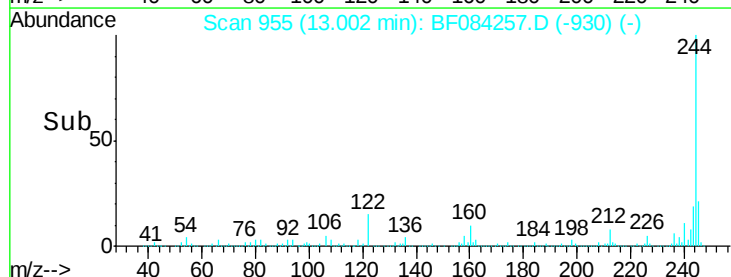
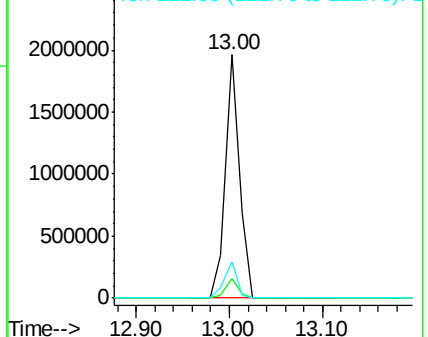
244 100

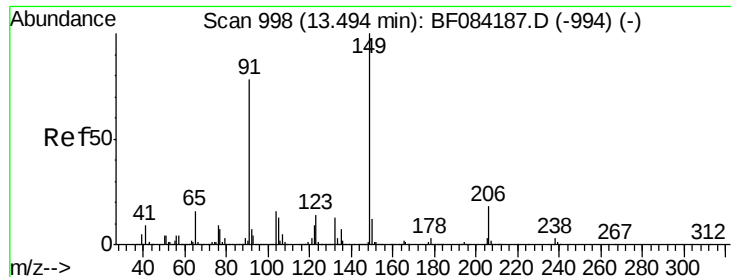
212 8.2 5.7 8.5

122 14.9 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.60 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

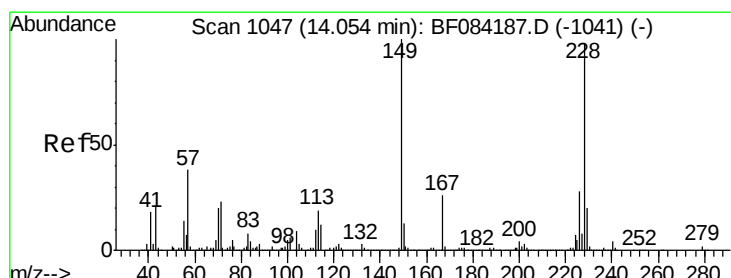
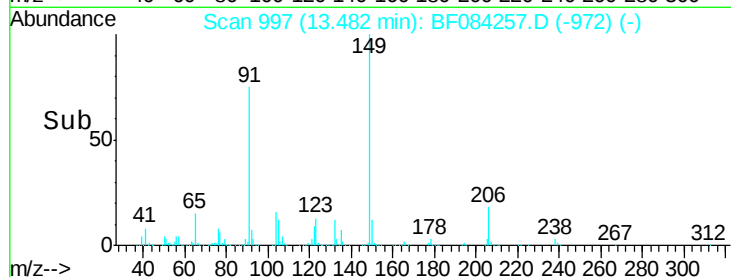
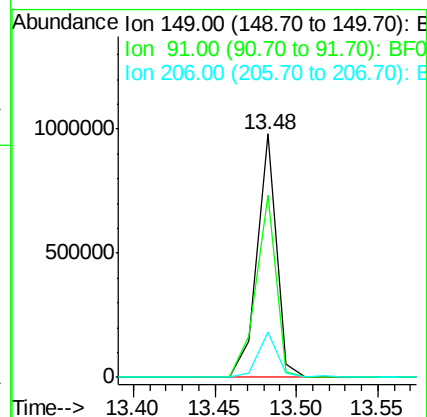
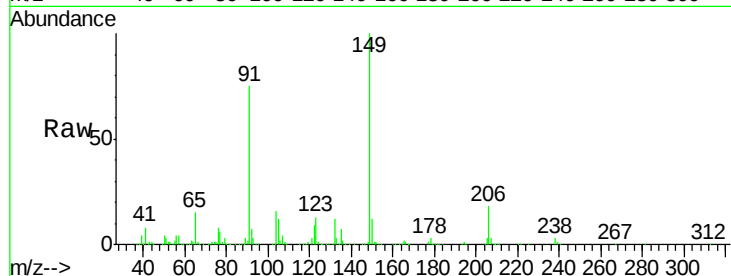
ClientSampled :

PB87631BS

Tot Ion:	149	Resp:	813175
Ion Ratio	Lower	Upper	
149	100		
91	75.0	57.6	86.4
206	18.3	13.2	19.8

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#80

Benzo(a)anthracene

Concen: 38.05 ng

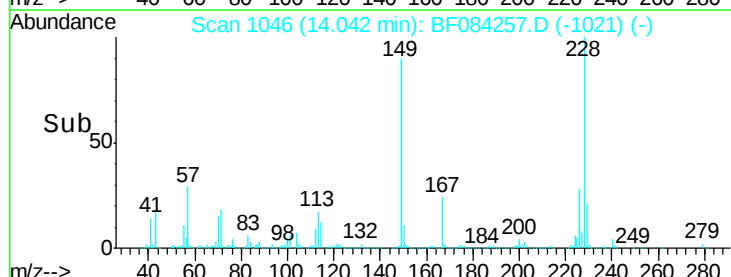
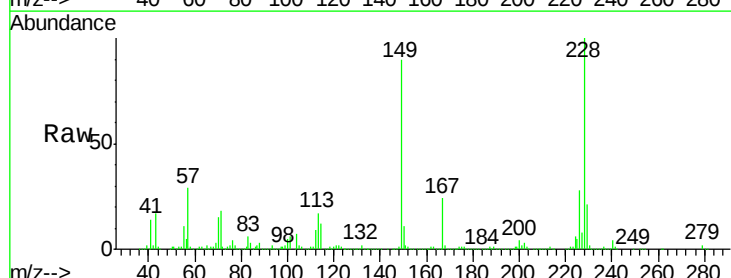
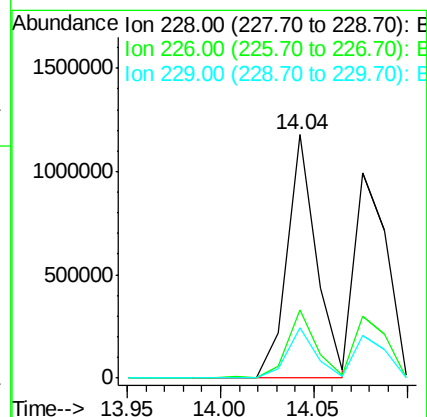
RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Tgt Ion:	228	Resp:	1285894
Ion Ratio	Lower	Upper	
228	100		
226	28.1	21.8	32.6
229	20.7	15.8	23.8





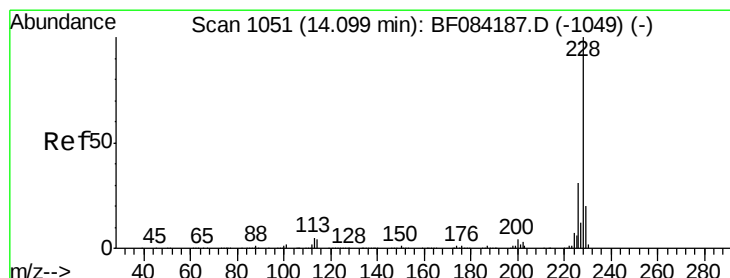
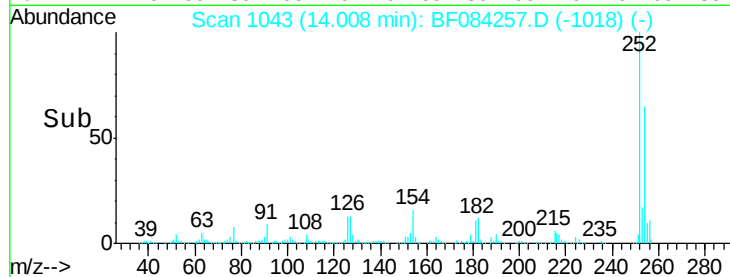
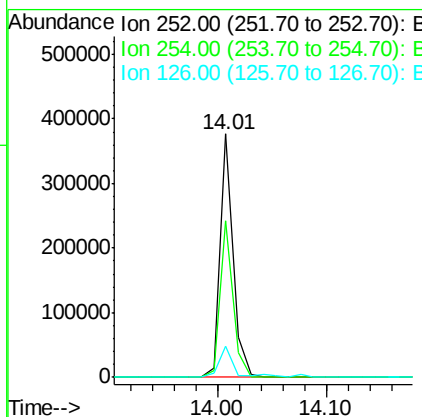
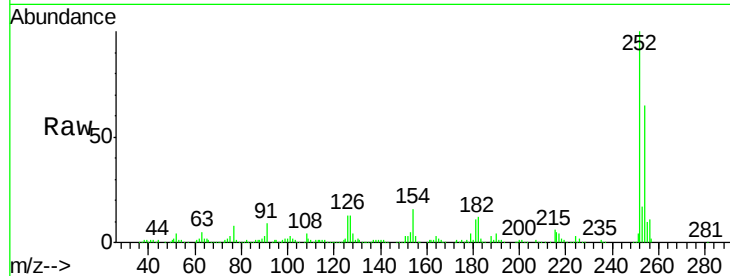
#81
 3,3'-Dichlorobenzidine
 Concen: 26.83 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	316493		
254	64.6	53.5	80.3	
126	13.0	4.9	7.3	

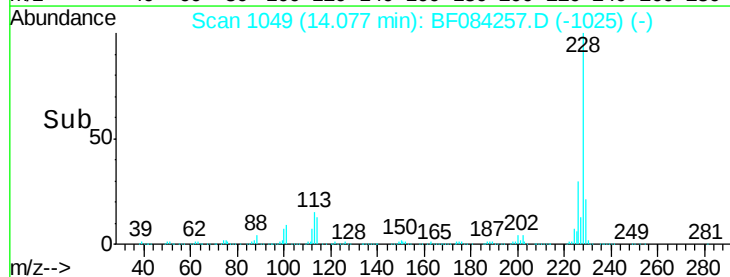
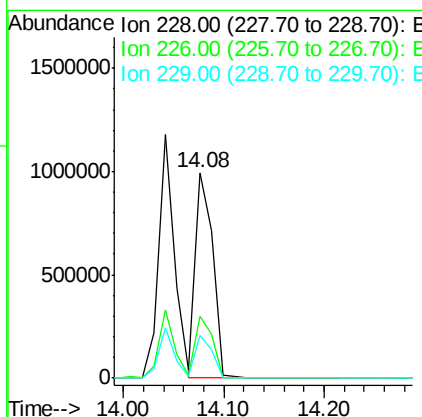
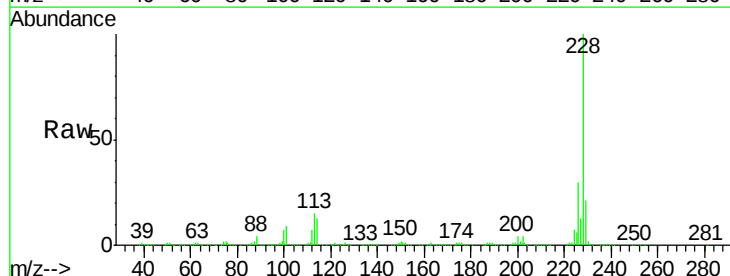
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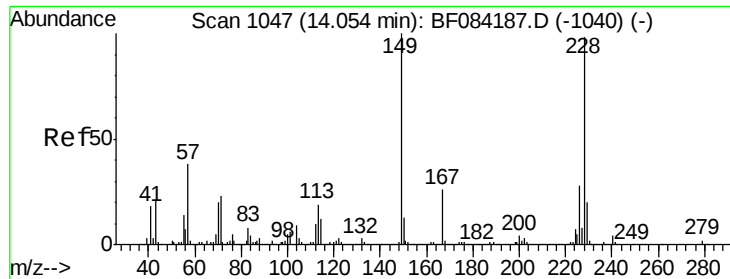
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#82
 Chrysene
 Concen: 36.80 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1195239		
226	30.4	24.3	36.5	
229	20.9	16.1	24.1	





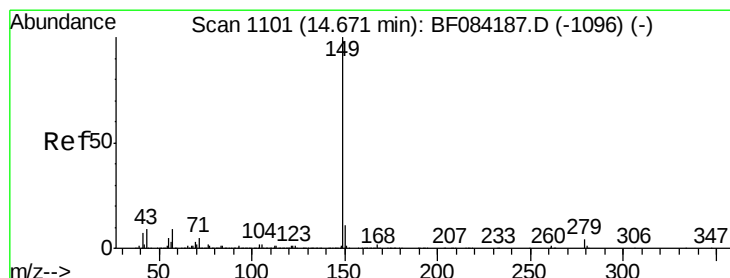
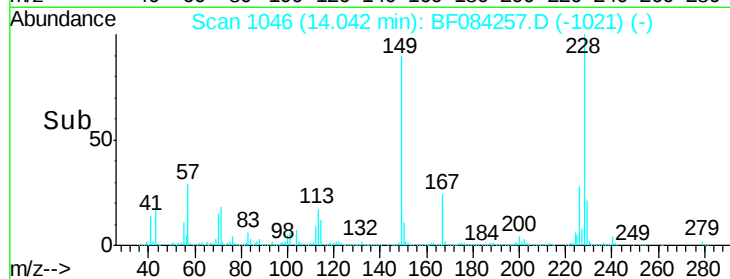
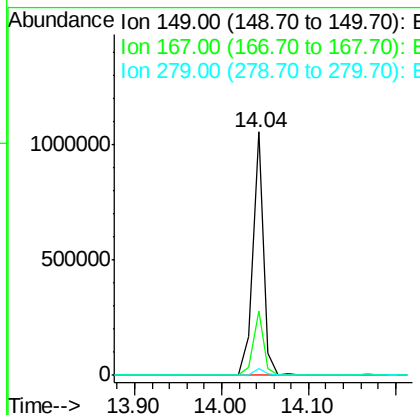
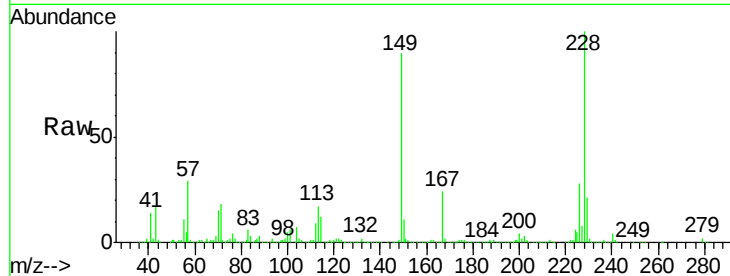
#83
Bis(2-ethylhexyl)phthalate
Concen: 36.99 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	913469		
167	26.6	19.7	29.5	
279	2.7	1.8	2.6#	

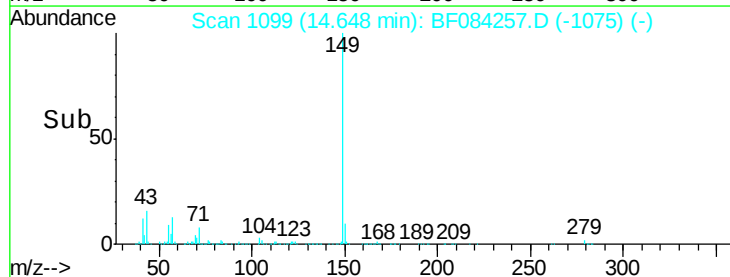
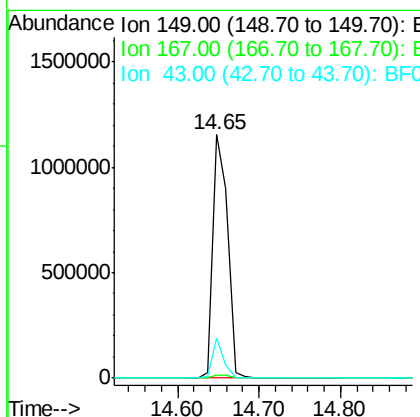
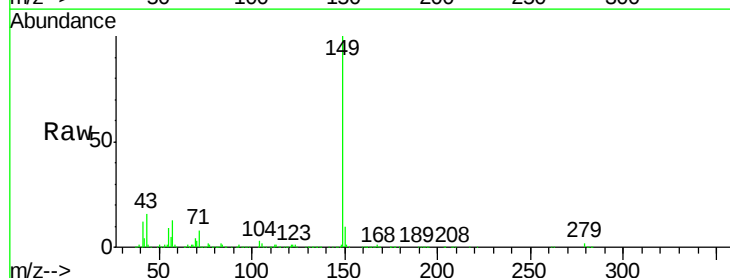
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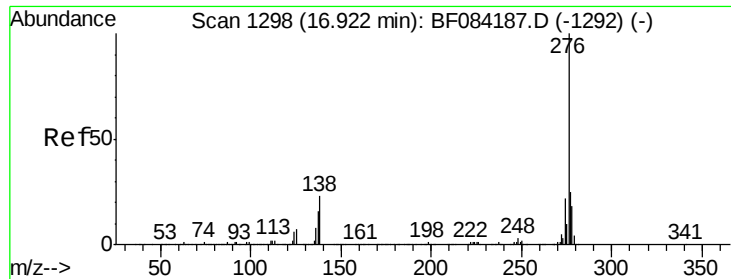
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#84
Di-n-octyl phthalate
Concen: 34.85 ng
RT: 14.65 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1452958		
167	1.6	1.2	1.8	
43	12.2	5.6	8.4#	





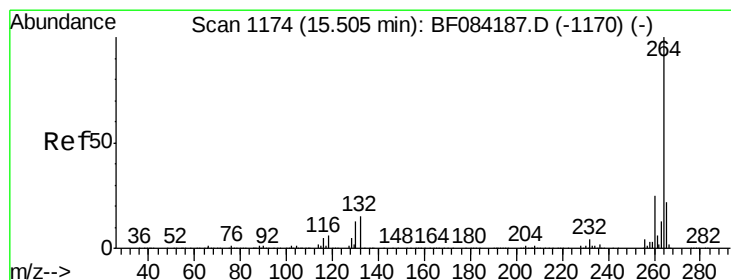
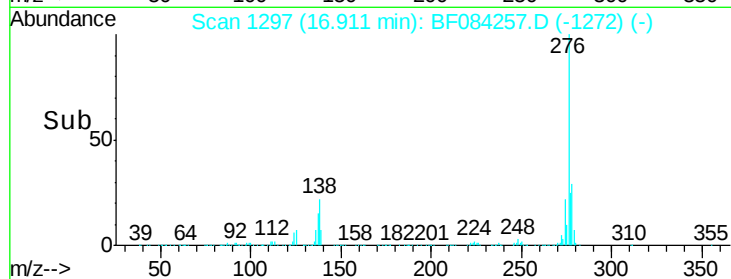
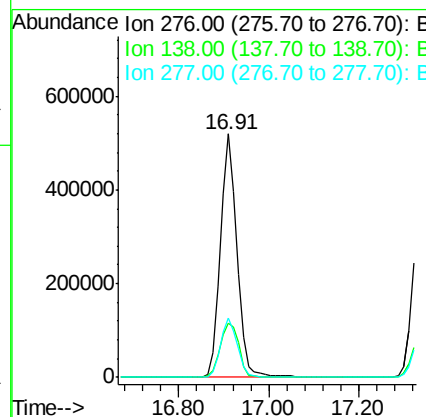
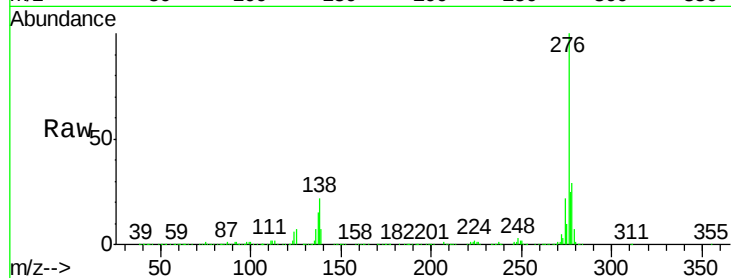
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.01 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	30.8
277	25.1	20.1	30.1

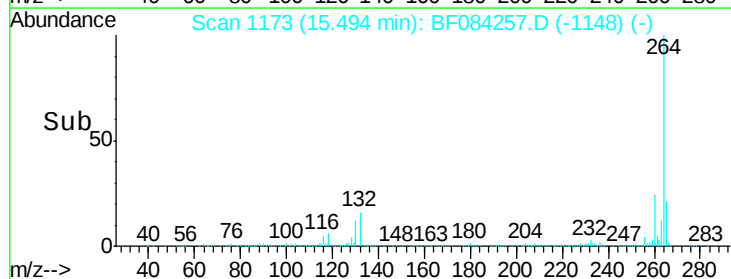
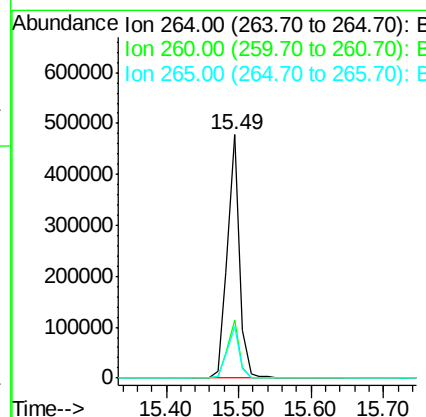
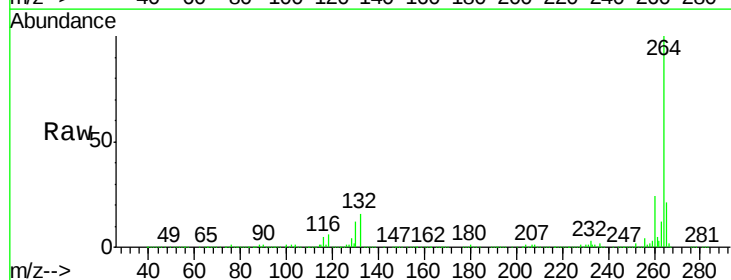
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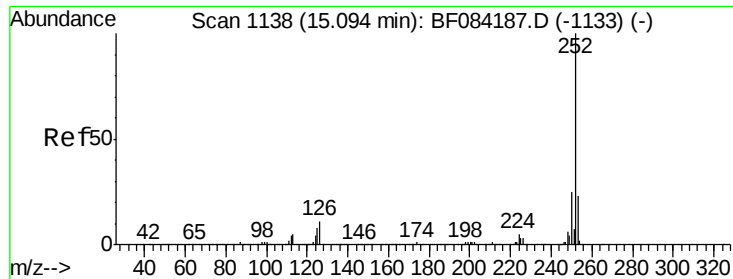
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.0	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 38.55 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

Instrument :

BNA_F

ClientSampleId :

PB87631BS

Tot Ion:252 Resp: 1410062

Ion Ratio Lower Upper

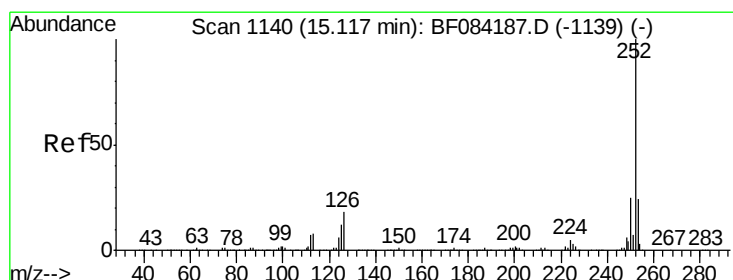
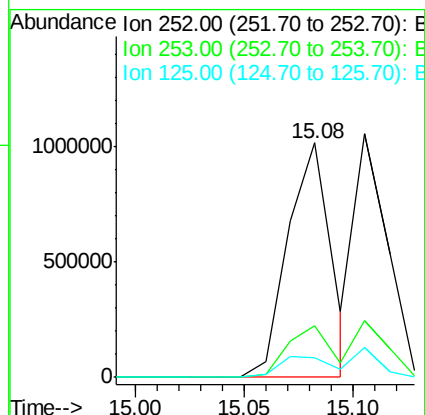
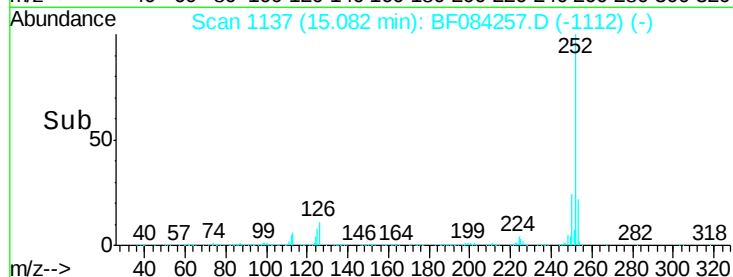
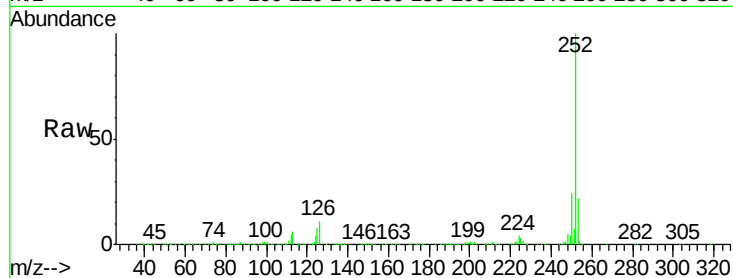
252 100

253 22.2 17.3 25.9

125 8.3 6.5 9.7

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#88

Benzo(k)fluoranthene

Concen: 38.06 ng m

RT: 15.11 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF084257.D

Acq: 5 Jan 2016 1:21

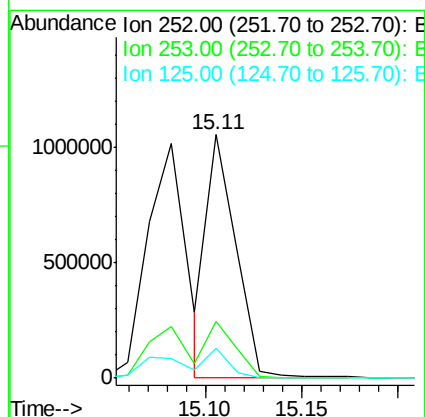
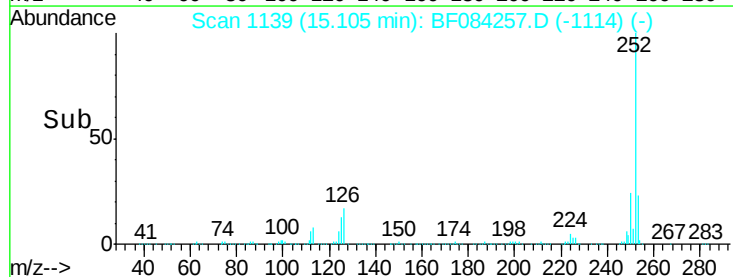
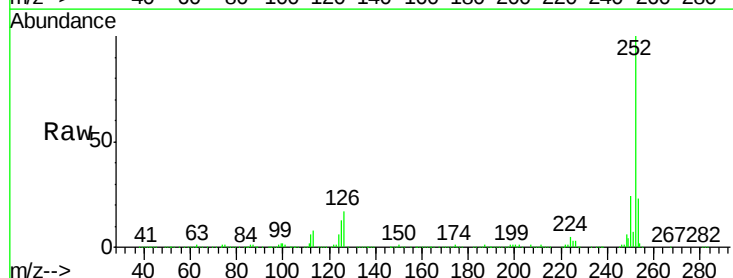
Tgt Ion:252 Resp: 1138588

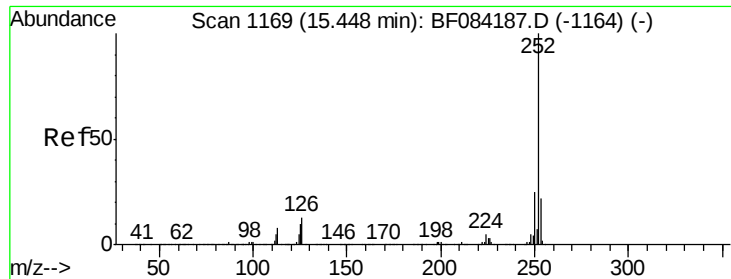
Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 12.5 9.0 13.6





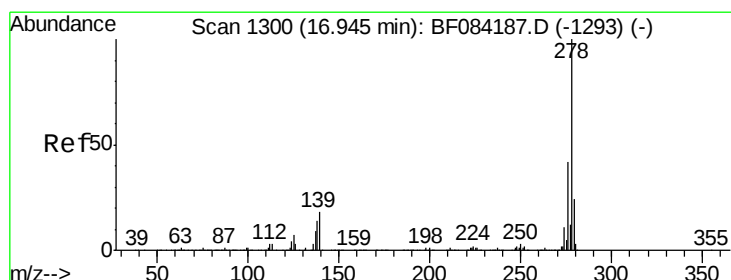
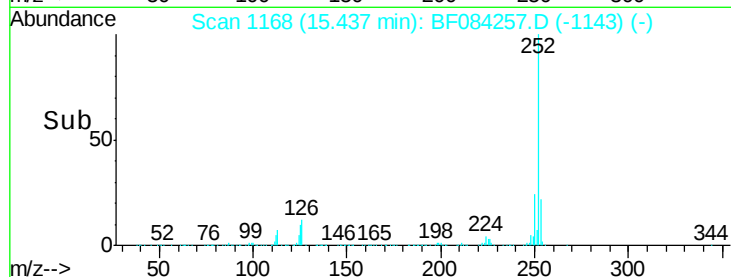
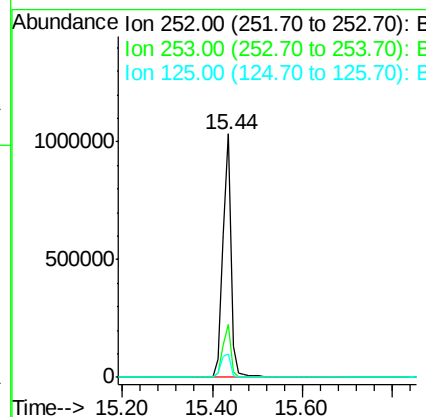
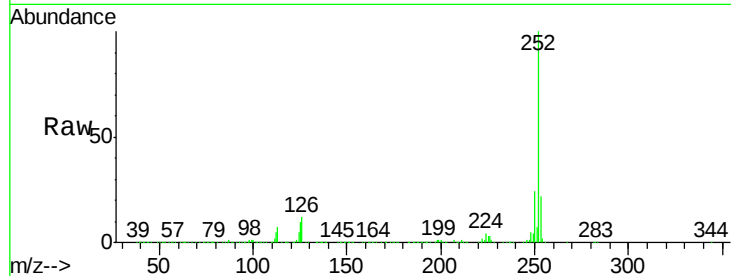
#89
Benzo(a)pyrene
Concen: 42.39 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Instrument :
BNA_F
ClientSampleId :
PB87631BS

Tot Ion:252 Resp: 1314960
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.6 7.0 10.4

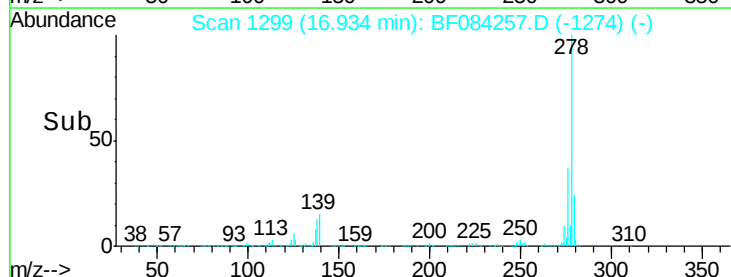
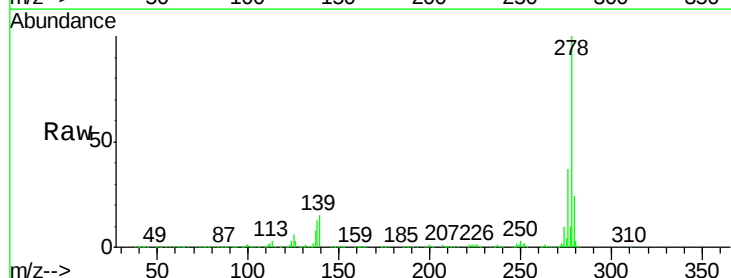
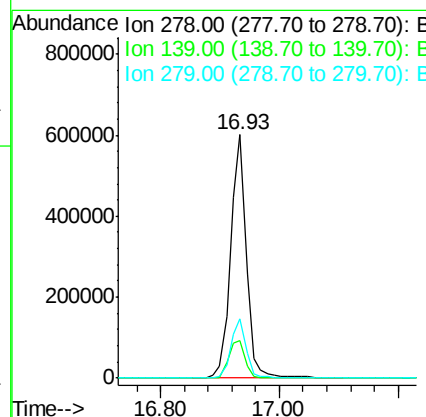
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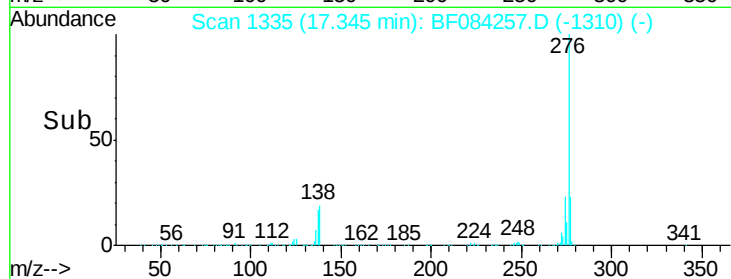
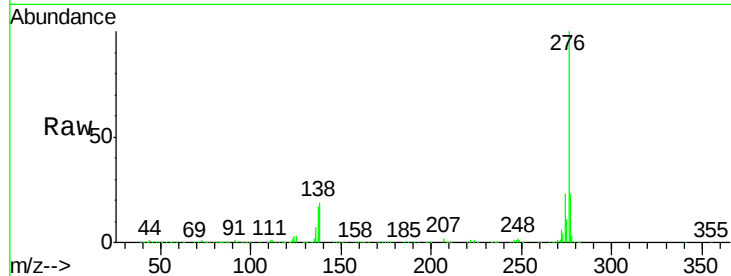
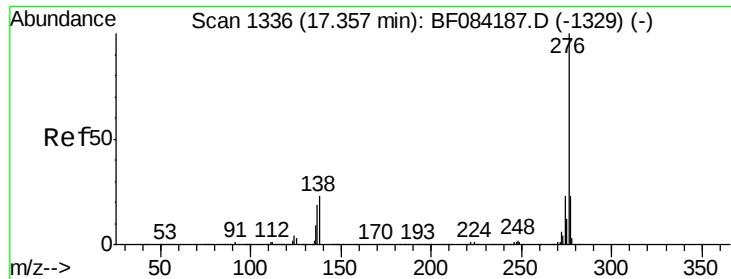
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#90
Dibenzo(a,h)anthracene
Concen: 41.38 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF084257.D
Acq: 5 Jan 2016 1:21

Tgt Ion:278 Resp: 1104642
Ion Ratio Lower Upper
278 100
139 15.4 15.0 22.4
279 24.4 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 38.62 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF084257.D
 Acq: 5 Jan 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87631BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	19.1	17.8	26.6

Manual Integrations
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